

'Apo' Aporosa, S. 2015. "The New Kava User: Diasporic Identity Formation in Reverse." *New Zealand Sociology* 30 (4): 58–77.

(Apo) Aporosa, S., and Matt Tomlinson. 2014. "Kava Hangover and Gold-Standard Science." *Anthropologica* 56 (1): 163–75. <https://doi.org/10.1353/ant.2014.0014>.

(kh), Hielscher Ultrasonics. 2023. "Kava Kava - Superior Extraction Using a Sonicator." Hielscher Ultrasonics. Hielscher Ultrasound Technology. August 17, 2023. <https://www.hielscher.com/kava-kava-superior-extraction-using-a-sonicator.htm>.

"21 U.S. Code § 350b - New Dietary Ingredients." n.d. LII / Legal Information Institute. Accessed March 16, 2023. <https://www.law.cornell.edu/uscode/text/21/350b>.

Abascal, Kathy, and Eric Yarnell. 2004. "Nervine Herbs for Treating Anxiety." *Focus on Alternative and Complementary Therapies: FACT / Dept. of Complementary Medicine, Postgraduate Medical School, University of Exeter* 10 (6): 309–15. <https://doi.org/10.1089/act.2004.10.309>.

Abbs, Peter d'. 1995. "THE POWER OF KAVA OR THE POWER OF IDEAS? Kava Use and Kava Policy in the Northern Territory, Australia." *Canberra Anthropology* 18 (1-2): 166–82. <https://doi.org/10.1080/03149099509508413>.

Abbs, Peter d', and Chris Burns. 1997. "Draft Report on Inquiry into the Issue of Kava Regulation." *Darwin: Menzies School of Health Research*. https://www.parliament.nt.gov.au/__data/assets/pdf_file/0006/368025/kava.pdf.

Abdel Jaleel, Gehad A., Dalia O. Saleh, and Sally A. El-Awdan. 2013. "Antihyperglycaemic Effect of Kava Kava (*piper Methysticum*) in Streptozotocin- Induced Diabetic Rats." *Der Pharmacia Lettre* 5 (5): 104–10.

Abdulabbas Hasan, Mohammed, Syam Mohan, Heshu Sulaiman Rahman, Hemn Hasan Othman, Shirwan Hamasalih Omer, and Abdullah Farasani. 2022. "The Sub-Acute Toxicity of Kavalactone in Rats: A Study of the Effect of Oral Doses and the Mechanism of Toxicity in Combination with Ethanol." *Drug and Chemical Toxicology*, May, 1–9. <https://doi.org/10.1080/01480545.2022.2069803>.

Abdullah, Seerwan A., Seung Hyun Lee, Il Kyu Cho, Qing X. Li, and Won Choi. 2013. "Pasteurization of Kava Juice Using Novel Continuous Flow Microwave Heating Technique." *Food Science and Biotechnology* 22 (4). <https://doi.org/10.1007/s10068-013-0170-1>.

Abourashed, E. A., and I. A. Khan. 2000. "Microbial Transformation of Kawain and Methysticin." *Chemical & Pharmaceutical Bulletin* 48 (12): 1996–98. <https://doi.org/10.1248/cpb.48.1996>.

"About CRN." n.d. Accessed November 17, 2022. <https://www.crnusa.org/about-crn>.

Abraham, Kurian C., Kathryn M. Connor, and Jonathan R. T. Davidson. 2004. "Explanatory Attributions of Anxiety and Recovery in a Study of Kava." *Journal of Alternative and Complementary Medicine* 10 (3): 556–59. <https://doi.org/10.1089/1075553041323759>.

Abramson, Allen. 2005. "Drinking to Mana and Ethnicity: Trajectories of Yaqona Practice and Symbolism in Eastern Fiji." *Oceania; a Journal Devoted to the Study of the Native Peoples of Australia, New Guinea, and the Islands of the Pacific* 75: 325+. <https://go.gale.com/ps/i.do?id=GALE%7CA142572862&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=00298077&p=AONE&sw=w>.

Abu, Nadiah. 2014. "EFFECTS OF CHEMICALLY SYNTHESIZED KAVA-KAVA (Piper Methysticum G. Forst) FLAVOKAWAIN A AND B ON THE APOPTOTIC AND METASTATIC PROCESS OF MCF-7 AND MDA-MB231 CELLS IN VITRO AND 4T1 CELLS IN VIVO." Edited by Assoc Prof Noorjahan Alitheen. UNIVERSITI PUTRA MALAYSIA.
<http://psasir.upm.edu.my/id/eprint/52507/1/FBSB%202014%2027RR.pdf>.

Abu, Nadiah, M. Nadeem Akhtar, Swee Keong Yeap, Kian Lam Lim, Wan Yong Ho, Aimi Jamil Zulfadli, Abdul Rahman Omar, Mohd Roslan Sulaiman, Mohd Puad Abdullah, and Noorjahan Banu Alitheen. 2014. "Flavokawain A Induces Apoptosis in MCF-7 and MDA-MB231 and Inhibits the Metastatic Process in Vitro." *PLoS One* 9 (10): e105244. <https://doi.org/10.1371/journal.pone.0105244>.

Abu, Nadiah, Wan Yong Ho, Swee Keong Yeap, M. Nadeem Akhtar, Mohd Puad Abdullah, Abdul Rahman Omar, and Noorjahan Banu Alitheen. 2013. "The Flavokawains: Uprising Medicinal Chalcones." *Cancer Cell International* 13 (1): 102. <https://doi.org/10.1186/1475-2867-13-102>.

Abu, Nadiah, Nurul Elyani Mohamed, Swee Keong Yeap, Kian Lam Lim, M. Nadeem Akhtar, Aimi Jamil Zulfadli, Beh Boon Kee, Mohd Puad Abdullah, Abdul Rahman Omar, and Noorjahan Banu Alitheen. 2015. "In Vivo Antitumor and Antimetastatic Effects of Flavokawain B in 4T1 Breast Cancer Cell-Challenged Mice." *Drug Design, Development and Therapy* 9 (March): 1401–17. <https://doi.org/10.2147/DDDT.S67976>.

Abu, Nadiah, Nurul Elyani Mohameda, Nirosha Tangarajoo, Swee Keong Yeap, M. Nadeem Akhtar, Mohd Puad Abdullah, Abdul Rahman Omar, and Noorjahan Banu Alitheen. 2015. "In Vitro Toxicity and in Vivo Immunomodulatory Effects of Flavokawain A and Flavokawain B in Balb/C Mice." *Natural Product Communications* 10 (7): 1199–1202. <https://doi.org/10.1177/1934578X1501000716>.

Actives, Iof. 1998. "Kava: A South Pacific Herb for Anxiety, Tension, and Insomnia." acudoc.com. 1998. <http://acudoc.com/kava%20kava.PDF>.

AECOM Services Pty Ltd. August, 30 2014. "Exploring the Potential for Developing Exports of Kava to China: A Snapshot View." Technical Report #078. : Department of Foreign Affairs and Trade.

—. 2018. "Kava Value Chain, Gender Equality and Social Inclusion Analysis." 130. Pacific Horticultural and Agricultural Market Access (PHAMA) Program.

Afoa-Scotter, Alphonso. n.d. "The Effects of Chronic Kava Usage on Physical Health and Psychological Health in Pacific."

Agarwal, Rajesh, and Gagan Deep. 2008. "Kava, a Tonic for Relieving the Irrational Development of Natural Preventive Agents." *Cancer Prevention Research*. <https://doi.org/10.1158/1940-6207.CAPR-08-0172>.

Aghdassi, Ali A., Matthias Kraft, Wolfram Domschke, Markus M. Lerch, and F. Ulrich Weiss. 2015. "Genetic Polymorphisms in the UDP-Glucuronosyltransferase UGT1A7 Gene in Patients with Acute Liver Failure after Kava-Kava Consumption." *Archives of Toxicology*. <https://doi.org/10.1007/s00204-015-1578-6>.

AGRICULTURE NEWS. 2022. "Kava Quality Begins at the Farm." Vanuatu Daily Post. March 3, 2022. https://www.dailypost.vu/news/kava-quality-begins-at-the-farm/article_d89240fc-2b5b-5fc8-8195-1d86b71aa2a9.html.

Al-Achi, Antoine. 2015. "Is Kava Safe to Be Used by the Public?" *Clinical Pharmacology & Biopharmaceutics* 04 (04). <https://doi.org/10.4172/2167-065x.1000e120>.

Alejandra Jaramillo, M., and Paul S. Manos. n.d. "PHYLOGENY AND PATTERNS OF FLORAL DIVERSITY IN THE GENUS PIPER (PIPERACEAE)1." *American Journal of Botany*.

Alimentarius, Codex. 2020. "Regional Standard For Kava Products For Use As A Beverage When Mixed With Water." CXS 336R-2020. W.H.O.

"All About Kava - Fiji's National Drink." 2020. 2020. <https://fijiguide.com/culture/kava/>.

Almeida, J. C., and E. W. Grimsley. 1996. "Coma from the Health Food Store: Interaction between Kava and Alprazolam." *Annals of Internal Medicine* 125 (11): 940–41. <https://doi.org/10.7326/0003-4819-125-11-199612010-00023>.

Alves, Patrícia e. Silva, Felipe Pereira da Silva Santos, Ana Paula Rodrigues, Leandro Sousa Dias, Giovanna Carvalho da Silva, Lidiane da Silva Araújo, Antonio do Nascimento Cavalcante, Mahendra Rai, Teresinha de Jesus Aguiar dos Santos Andrade, and Chistiane Mendes Feitosa. 2021. "Piper Methysticum G. Forst (Piperaceae) in the Central Nervous System: Phytochemistry, Pharmacology and Mechanism of Action." *Research, Society and Development* 10 (12): e216101220479. <https://doi.org/10.33448/rsd-v10i12.20479>.

Amaral, Patricia de A., Julien Petrignet, Nicolas Gouault, Taciane Agustini, Françoise Lohézic-Ledévéhat, Alexandre Cariou, René Grée, Vera L. Eifler-Lima, and Michèle David. 2009. "Synthesis of Novel Kavain-like Derivatives and Evaluation of Their Cytotoxic Activity." *Journal of the Brazilian Chemical Society* 20 (9): 1687–97. <https://doi.org/10.1590/S0103-50532009000900018>.

"Ambassador Convinced Kava Quality Study Nearing Standard." 2015. Vanuatu Daily Post. October 9, 2015. https://www.dailypost.vu/news/ambassador-convinced-kava-quality-study-nearing-standard/article_d54ecde6-12fa-51c2-9b66-946a45bdf9c5.html.

Ambrose, W. 1991. "Manus, Mortars and the Kava Concoction." <https://www.semanticscholar.org/paper/097e6b89e9b9b7cd01a76f4f8bc07e300fbca9ca>.

Amdidouche-Hussain'I, Didja, and Joel Levesque. 1997. "Selection of Kavalactones by Complexation of Kava Extract with C Cyclodextrins." *Drug Development and Industrial Pharmacy* 23 (12): 1223–26. <https://doi.org/10.3109/03639049709146161>.

American Botanical Council. 2012. "Quality Standard for Kava Raw Material." 081152-440. American Botanical Council.

"American Botanical Council Announces New Safety Information on Kava - American Botanical Council." n.d. Accessed January 31, 2023. <https://www.herbalgram.org/news/press-releases/2001/american-botanical-council-announces-new-safety-information-on-kava/>.

Amorim, Maria F. D., Margareth F. F. M. Diniz, Maria S. T. Araújo, João C. L. R. Pita, Jadson G. Dantas, Josué A. Ramalho, Aline L. Xavier, Thayse V. Palomaro, and Nelson L. B. Júnior. 2007. "The Controvertible Role of Kava (*Piper Methysticum* G. Foster) an Anxiolytic Herb, on Toxic Hepatitis." *Revista Brasileira de Farmacognosia: Orgao Oficial Da Sociedade Brasileira de Farmacognosia* 17 (3): 448–54. <https://doi.org/10.1590/S0102-695X2007000300020>.

"An Integrated Approach for the Quality Improvement of Guava Puree and Kava Beverage by a Non-Thermal Dense Phase Carbon Dioxide... - UNIV OF HAWAII." n.d. Accessed March 8, 2023. <https://portal.nifa.usda.gov/web/crisprojectpages/0204496-an-integrated-approach-for-the-quality-improvement-of-guava-puree-and-kava-beverage-by-a-non-thermal-dense-phase-carbon-dioxide-.html>.

Ang, Catharina Y. W., Jin-Woo Jhoo, Yanyan Cui, Lihong Hu, Thomas M. Heinze, Qingyong Lang, Chien M. Wai, Jeremy J. Mihalov, Michael DiNovi, and Antonia Mattia. 2006. "Challenges in Assessing Bioactive Botanical Ingredients in Functional Beverages." In *Herbs: Challenges in Chemistry and Biology*, 925:55–72. ACS Symposium Series. American Chemical Society. <https://doi.org/10.1021/bk-2006-0925.ch005>.

Anke, J., S. Fu, and I. Ramzan. 2006. "Kavalactones Fail to Inhibit Alcohol Dehydrogenase in Vitro." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 13 (3): 192–95. <https://doi.org/10.1016/j.phymed.2004.07.005>.

Anke, Jennifer, and Iqbal Ramzan. 2004a. "Pharmacokinetic and Pharmacodynamic Drug Interactions with Kava (*Piper Methysticum* Forst. F.)." *Journal of Ethnopharmacology* 93 (2-3): 153–60. <https://doi.org/10.1016/j.jep.2004.04.009>.

Anke, Jennifer, and Iqbal Ramzan. 2004b. "Kava Hepatotoxicity: Are We Any Closer to the Truth?" *Planta Medica* 70: 193–96. <https://doi.org/10.1055/s-2004-815533>.

Apo Aporosa, S. 2011. "Apososa S. 'Apo' - 2011 - Is Kava Alcohol The Myths and the Facts.pdf." *Pacific Health Dialog* 17 (1): 157–64. <https://pubmed.ncbi.nlm.nih.gov/23008981/>.

"Apo" Aporosa, S. 2019. "Maori and Kava: New Drug Fashion or Re-Engagement with 'Kawa'?" *Journal of Interdisciplinary Research* 3 (1): 15.

Apo' Aporosa, S. '., and '. Apo' Aporosa. 2022. "Kava, Traditionally Influenced Consumption Volumes, and Impacts on Driver Fitness." *Journal of Ethnopharmacology* 291. <https://doi.org/10.1016/j.jep.2022.115080>.

Apo'Aporosa, S. 2015. "Yaqona (kava) as a Symbol of Cultural Identity." *S. ' Aporosa*.

Aporosa, A. S. 2019. "Kava, the Devil, and the Snake: Pentecostal Iconoclasm in Contemporary Fiji." *University of Auckland*.

Aporosa, Apo. 2016. "Kava: Weighing the Negatives against the Positives." In *Kava - Killer or Cure?*, 14.

—. 2019. "Australia's Discussion of Kava Imports Reflects Lack of Cultural Understanding." *The Conversation*, June 9, 2019. <http://theconversation.com/australias-discussion-of-kava-imports-reflects-lack-of-cultural-understanding-115662>.

—. 2020. "De-Mythologizing and Re-Branding the Traditional Drink Kava (RO 2020).pdf." *Behavioral Sciences* 113: 106–9.

—. 2022a. *Improving Road Safety and Health: Understanding Kava's Impact on Driver Fitness*. Suva, Fiji: Pacific Studies Press.

—. 2022b. "Yaqona (kava) and the School Campus: Regulation versus Facilitation." *The Australian Journal of Indigenous Education* 51 (1). <https://doi.org/10.55146/ajie.2022.6>.

Aporosa, Apo, Kim Herbert-Losier, and Harvey Aughton. 2022. "Traditional Kava Use and Body Sway: A Pilot Investigation." *The Journal of Pacific Research* 21 (10): 683–92. <https://doi.org/10.26635/phd.2022.146>.

Aporosa, Apo S., Martin Atkins, and Richard Brunton. 2020. "Kava Drinking in Traditional Settings: Towards Understanding Effects on Cognitive Function." *Human Psychopharmacology* 35 (2): e2725. <https://doi.org/10.1002/hup.2725>.

- Aporosa, Apo, and S. Vaka. 2023. "The Therapeutic Potential of Traditional Kava Use Spaces in the Treatment of Psychological Trauma." In *Pasifika Medical Association Annual Conference: Te Ākirāta Ōu - The New Dawn*, 12. Pasifika Medical Association.
- Aporosa, S. 2017a. "Kava (*Piper Methysticum*): Demythifying the Pacific's Cultural Keystone Species." In *2017 IOE Talanga Series, University of South Pacific Tonga Campus, Nuku'alofa, Tonga*. researchcommons.waikato.ac.nz. <https://researchcommons.waikato.ac.nz/handle/10289/12255>.
- . 2017b. "Kava: Untangling Fact from Fiction." In *KAVA: A Workshop for Kava Researchers and Enthusiasts: Anthropology and Pacific Studies Seminar Series*. researchcommons.waikato.ac.nz. <https://researchcommons.waikato.ac.nz/handle/10289/11047>.
- . 2017c. "Understanding Cognitive Functions Related to Driving Following Kava (*Piper Methysticum*) Use at Traditional Consumption Volumes." In *British Association for Psychopharmacology Conference*, A84–A84. SAGE Publications. <https://researchcommons.waikato.ac.nz/handle/10289/11307>.
- . 2018. "Improving Road Safety and Health: Understanding Kava's Impact on Driver Fitness." University of Waikato. <https://researchcommons.waikato.ac.nz/handle/10289/12947>.
- . 2019. "Cognitive Functions Associated with Consumption of Traditional Volumes of Kava (*Piper Methysticum*): A Feasibility Study." In *British Association for Psychopharmacology*. researchcommons.waikato.ac.nz. <https://researchcommons.waikato.ac.nz/handle/10289/12780>.
- Aporosa, S. Apo. 2019a. "Kava and Ethno-Cultural Identity in Oceania." In *The Palgrave Handbook of Ethnicity*, edited by Steven Ratuva, 1–15. Singapore: Springer Singapore. https://doi.org/10.1007/978-981-13-0242-8_134-1.
- . 2019b. "De-Mythologizing and Re-Branding of Kava as the New 'world Drug' of Choice." *Drug Science, Policy and Law* 5 (January): 2050324519876131. <https://doi.org/10.1177/2050324519876131>.
- Aporosa, S. Apo, Martin Atkins, and Jess N. Leov. 2021. "Decolonising Quantitative Methods within a Pacific Research Space to Explore Cognitive Effects Following Kava Use." *Journal of Interdisciplinary Research* 5 (1). <https://doi.org/10.26021/10642>.
- Aporosa, S. Apo, and David Taufui Mikato Fa'avae. 2021. "Grounding Pacific Practice: Fono at the Fale and Veiqaraqaravi Vakavanua." *Waikato Journal of Education* 26 (July): 35–43. <https://doi.org/10.15663/wje.v26i1.852>.
- Aporosa, S. 'apo'. 2014. "YAQONA (KAVA) AND EDUCATION IN FIJI:INVESTIGATING 'CULTURAL COMPLEXITIES'FROM A POST-DEVELOPMENT PERSPECTIVE."
- Aporosa, S., and Jacinta Forde. 2019. "Māori and Kava: New Drug Fashion or Re-Engagement With 'kawa'?" *Pacific Dynamics* 3 (1): 72–85. <https://researchcommons.waikato.ac.nz/handle/10289/12952>.
- Aporosa, S. G. 2008. *Yaqona (Kava) and Education in Fiji: A Clash of Cultures?* VDM Verlag.
- Applequist, Wendy L., and Vincent Lebot. 2006. "Validation of *Piper Methysticum* Var. *Wichmannii* (Piperaceae)." *Novon*, no. 16: 3–4. [https://doi.org/10.3417/1055-3177\(2006\)16\[3:VOPMVW\]2.0.CO;2](https://doi.org/10.3417/1055-3177(2006)16[3:VOPMVW]2.0.CO;2).
- Arkowitz, Hal, and Scott O. Lilienfeld. 2013. "Can Herbs Ease Anxiety and Depression?" *Scientific American Mind* 24 (3): 72–73. <https://doi.org/10.2307/24942437>.

- Aronson, J. K., ed. 2016. "Piperaceae." In *Meyler's Side Effects of Drugs (Sixteenth Edition)*, 777–80. Oxford: Elsevier. <https://doi.org/10.1016/B978-0-444-53717-1.01286-5>.
- Asher, Gary N., Amanda H. Corbett, and Roy L. Hawke. 2017. "Common Herbal Dietary Supplement-Drug Interactions." *American Family Physician* 96 (2): 101–7. <https://www.ncbi.nlm.nih.gov/pubmed/28762712>.
- Ashley, Robert D. 2018. "Ask the Doctors - What Are the Risks and Benefits of Kava?" UCLA Health. September 18, 2018. <https://www.uclahealth.org/news/ask-the-doctors-what-are-the-risks-and-benefits-of-kava>.
- Ashraf-Khorassani, M., L. T. Taylor, and M. Martin. 1999. "Supercritical Fluid Extraction of Kava Lactones from Kava Root and Their Separation via Supercritical Fluid Chromatography." *Chromatographia* 50: 287–92. <https://doi.org/10.1007/BF02490830>.
- Asiri, Yousif A., ed. 2004. "Kava: Clinical Overview." In *The ABC Clinical Guide to Herbs*, 259–71. American Botanical Council.
- [Association of Hawaiian 'Awa]. 1999. "Hawaiian Kava Looms Large in International Herb Markets." *Hawaii Tribune-Herald*, June 13, 1999.
- Attenborough, D. 1966. "The Royal Kava Ceremony, Tonga." *Philosophical Transactions of the Royal Society of London. Series B, Biological Sciences* 251 (772): 501–501. <http://www.jstor.org/stable/2416769>.
- Aughton, Harvey. 2020. "Kava and Balance: The Effects of Traditionally Influenced Kava Consumption on Human Physiology." The University of Waikato. <https://researchcommons.waikato.ac.nz/handle/10289/14110>.
- "Australia's Kava Pilot." n.d. Australian Government Department of Foreign Affairs and Trade. Accessed October 24, 2023. <https://www.dfat.gov.au/geo/pacific/economic-prosperity-in-the-pacific/australia-kava-pilot>.
- Australian AID. 2013. "Vanuatu Kava Quality Manual." <https://phamaplus.com.au/wp-content/uploads/2020/11/KAVAMAN-WEB-A4-ENGLISH-01-27May13-1.pdf>.
- Australian Government. 2022. "Kava—Import and Labelling Requirements." Dept of Ag. Water & Env.
- Australian Government Dept of Health. 2021. "Guidance for Completing Applications for a Permit to Import Kava for Food Use."
- Backhaul, Cord, and Josef Kriegstein. 1992. "Extract of Kava (Piper Methysticum) and Its Methysticin Constituents Protect Brain Tissue against Ischemic Damage in Rodents." *European Journal of Pharmacology*, 215: 265269.
- Backleh, Marlène, Perihan Ekici, Günther Leupold, and Harun Parlar. 2003. "Quantitative Elimination of Flavokavines A and B from Kava Kava (Piper Methysticum G. Forst) by Isoelectric Focused Adsorptive Bubble Separation." *Die Naturwissenschaften* 90 (8): 366–69. <https://doi.org/10.1007/s00114-003-0440-5>.
- Baker, Jonathan D. 2011. "Tradition and Toxicity: Evidential Cultures in the Kava Safety Debate." *Social Studies of Science* 41 (3): 361–84. <https://doi.org/10.1177/0306312710395341>.
- . 2012. "Pills, Potions, Products: Kava's Transformations in New and Nontraditional Contexts." *The Contemporary Pacific* 24 (2): 233–65. <https://doi.org/10.1353/cp.2012.0026>.

- Bakhuisen, R. C., and V. D. Brink Jr. 1957. "On the Name Piper Methysticum L.f." <https://www.jstor.org/stable/1217168>.
- Bakhuisen van den Brink, R. C., Jr, Hereth Blacker, and Elizabeth Bott. 1974. "Research Bibliography of Alcohol and Kava Studies in Oceania." *Micronesica* 10 (2): 299–306.
https://micronesica.org/sites/default/files/research_bibliography_of_alcohol_kava_studies_in_oceania_by_marshall_m._-_micronesica_vol._10_no._2_dec._1974_o.pdf.
- Balick, Michael J., and Roberta Lee. 2002. "Traditional Use of Sakau (kava) in Pohnpei: Lessons for Integrative Medicine." *Alternative Therapies in Health and Medicine* 8 (4): 96–98. <https://www.ncbi.nlm.nih.gov/pubmed/12126179>.
- Balick, Michael J & Lee, Robert A. 2009. "The Sacred Root." In *Ethnobotany of Pohnpei*, 165–203. University of Hawaii Press.
- Ball, Alice. 1915. "The Chemical Constituents of Piper Methysticum; The Chemical Constituents of the Active Principle of the Ava Root." <https://scholarspace.manoa.hawaii.edu/items/9eef6606-c48c-4d7e-99d2-d1419d0c2449>.
- Ballotin, Vinícius Remus, Lucas Goldmann Bigarella, Ajacio Bandeira de Mello Brandão, Raul Angelo Balbinot, Silvana Sartori Balbinot, and Jonathan Soldera. 2021. "Herb-Induced Liver Injury: Systematic Review and Meta-Analysis." *World Journal of Clinical Cases* 9 (20): 5490–5513. <https://doi.org/10.12998/wjcc.v9.i20.5490>.
- Barguil, Tarbah F., Mueller W. Weinmann, P. Cabalion, B. Kardek, and T. Daidrup. 2003. "Death after Consumption of Kava Beverage in Combination with Alcohol and Cannabis." In *GTFCh- Symposium*, 101–8.
- Barguil, and Villain. 2006. "Addiction Involving Daturas and Kavain New Caledonia." *Annales de Toxicologie Analytique*. <https://www.ata-journal.org/en/articles/ata/pdf/2006/01/ata2006105.pdf>.
- Barguil Y, Mandeau A, Collignon J, Beata K, Duhet D. 2001. "Study of Three Psychotropic Plants Consumed in New Caledonia: Kava, Cannabis and Datura Medical and Forensic Aspects." *Annales de Toxicologie Analytique* 2001: 13–139.
- Barguil, Yann. 2011. "Study of Three Psychotropic Plants Consumed in New Caledonia: Kava, Cannabis and Datura: Medical and Forensic Aspects." Edited by Edouard Hnawia. Doctorate in Chemistry.
- Barguil, Yann, Erwan Choblet, Sébastien Warter, and Mohammed Nour. 2013. "Kava Ichthyosis: A Nitric Oxide Synthase Inhibition?" *Annales de Toxicologie Analytique* 25 (4): 165–68. <https://doi.org/10.1051/ata/2014001>.
- Barnes, Joanne, Linda A. Anderson, and J. D. Phillipson. 2007. "Kava - Overview." In *Herbal Medicines*, 389–402. 3rd Ed. Grayslake, IL: Pharmaceutical Press.
- Barrau, Jacques. 1957. "A Propos Du Piper Methysticum Forster." *Journal D'agriculture Tropicale et de Botanique Appliquee* 4 (5): 270–73. <https://doi.org/10.3406/jatba.1957.2399>.
- Bartholomew, Paul. 1910. "Piper Methysticum or Kava, and Its Effects in Gonorrhea." *Northern New York Medical Journal* 91 (1): 384–87.
<https://books.google.com/books?id=4Y5MAQAAIAJ&pg=PA387&lpg=PA387&dq=%22Sulle+proprieta+farmacologiche+del+Piper+methysticum%22&source=bl&ots=Rksw0ve4S9&sig=ACfU3U3sPMnzyjRPx-4ju7yHpGdgZwOBqA&hl=en&sa=X&ved=2ahUKEwj4w926y7D7AhWbnGoFHfmSBNcQ6AF6BAGHEAM#v=onepage&q=%22Sulle%20proprieta%20farmacologiche%20del%20Piper%20methysticum%22&f=false>.

Bauer, Rudolf, Brigitte & Kopp, and A. Nahrstedt. 2003. "Relevant Hepatotoxic Effects of Kava Still Need to Be Proven: A Statement of the Society for Medicinal Plant Research." *Planta Medica* 69 (11): 971–72. <https://doi.org/10.1055/s-2003-45140>.

Baum, S. S., R. Hill, and H. Rommelspacher. 1998. "Effect of Kava Extract and Individual Kavapyrones on Neurotransmitter Levels in the Nucleus Accumbens of Rats." *Progress in Neuro-Psychopharmacology & Biological Psychiatry* 22 (7): 1105–20. [https://doi.org/10.1016/s0278-5846\(98\)00062-1](https://doi.org/10.1016/s0278-5846(98)00062-1).

Becker, Matheus William, Emerson Matheus Silva Lourençone, Alexandre Formighieri De Mello, Aline Branco, Edison Moraes Rodrigues Filho, Celso Ronaldo Blatt, Carlos Augusto Mallmann, Maurício Schneider, Rita Catalina Aquino Caregnato, and Carine Raquel Blatt. 2019. "Liver Transplantation and the Use of KAVA: Case Report." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 56 (March): 21–26. <https://doi.org/10.1016/j.phymed.2018.08.011>.

Beckwith, Martha W. 2021. *Hawaiian Mythology*. Delhi Open Books.

Behl, Mamta, Abraham Nyska, Rajendra S. Chhabra, Gregory S. Travlos, Laurene M. Fomby, Barney R. Sparrow, Milton R. Hejtmancik, and Po C. Chan. 2011. "Liver Toxicity and Carcinogenicity in F344/N Rats and B6C3F1 Mice Exposed to Kava Kava." *Food and Chemical Toxicology: An International Journal Published for the British Industrial Biological Research Association* 49 (11): 2820–29. <https://doi.org/10.1016/j.fct.2011.07.067>.

Bennett, George. 1832. "An Account of the Medicinal Properties, &c. of the Kava Shrub (*Piper Methisticum*), Gambir (*Nauclea Gambir*), and the Ignatia Amara, or St. Ignatius' Bean." *The London Medical and Physical Journal* 12 (68): 110–18. <https://www.ncbi.nlm.nih.gov/pubmed/30495569>.

Benson, Kathleen F., and Gitte S. Jensen. 2018. "NIS Root of Happiness Report 151-001.pdf." 151-001. NIS LABS.

Bergner, Paul. 2001. "Adverse Effects to Kava (*Piper Methysticum*)." *Medical Herbalism* 12 (2): 8–9. <http://medherb.com/bi/Issue-122-Spring-2001.pdf>.

———. 2002. "Piper: A Second Opinion." *Medical Herbalism* 11 (1): 16,20. http://medherb.com/Materia_Medica/Piper_-_A_second_opinion_on_herb-drug_interaction_.htm.

Berry, Jonna, Ashley Gilbert, and Justin Grodnitzky. 2019. "Cases of Kava Impairment in Iowa Drivers." *Journal of Forensic Sciences* 64 (6): 1943–49. <https://doi.org/10.1111/1556-4029.14130>.

BfArM. 2002. "Kava Removal From The European Market." http://ird.spc.int/ahp-publications/doc_download/578-gr-cis-bfarm-kava-removal.

Bhoyar, Rajesh D., Sarika Khadse, Pratiksha Munjewar, and Roshan Umate. 2022. "A Case Report On Ichthyosis Vulgaris." *Journal of Pharmaceutical Negative Results* 13 (7): 1144–48. <https://doi.org/10.47750/pnr.2022.13.S0>.

Bian, Tengfei, Pedro Corral, Yuzhi Wang, Jordy Botello, Rick Kingston, Tyler Daniels, Ramzi G. Salloum, et al. 2020. "Kava as a Clinical Nutrient: Promises and Challenges." *Nutrients* 12 (10). <https://doi.org/10.3390/nu12103044>.

Biersack, Aletta. 1991. "KAVA'ONAU AND THE TONGAN CHIEFS." *The Journal of the Polynesian Society. Polynesian Society* 100 (3): 231–68. <http://www.jstor.org/stable/20706403>.

Bilia, Anna Rita, Maria Camilla Bergonzi, Diamanto Lazari, and Franco Francesco Vincieri. 2002. "Characterization of

Commercial Kava-Kava Herbal Drug and Herbal Drug Preparations by Means of Nuclear Magnetic Resonance Spectroscopy." *Journal of Agricultural and Food Chemistry* 50 (18): 5016–25. <https://doi.org/10.1021/jf020049j>.

Bilia, Anna Rita, Sandra Gallon, and Franco F. Vincieri. 2002. "Kava-Kava and Anxiety: Growing Knowledge about the Efficacy and Safety." *Life Sciences* 70 (22): 2581–97. [https://doi.org/10.1016/s0024-3205\(02\)01555-2](https://doi.org/10.1016/s0024-3205(02)01555-2).

Bilia, Anna Rita, Luca Scalise, Maria Camilla Bergonzi, and Franco F. Vincieri. 2004. "Analysis of Kavalactones from Piper Methysticum (kava-Kava)." *Journal of Chromatography. B, Analytical Technologies in the Biomedical and Life Sciences* 812 (1-2): 203–14. <https://doi.org/10.1016/j.jchromb.2004.07.038>.

"Bioactive Constituents from Piper Methysticum Forst (kava Kava) Roots." n.d. Accessed January 16, 2023. <https://d.lib.msu.edu/etd/30922>.

Bird, Gail. 2016. "Import Restrictions: Kava and Khat." The Office of Drug Control. December 7, 2016. <https://www.odc.gov.au/import-restrictions-kava-and-khat>.

Bittenbender, H. C. 2002. "Reaction from UH College of Tropical Agriculture and Human Resources." <https://web.archive.org/web/20030812044115/http://www.spc.int/cis/documents/Reaction%20%20from%20UH%20College%20of%20Tropical%20Agriculture%20and%20Human%20Resources.pdf>.

—. 2008. "Improving the Quality of Kava Beverage - UNIVERSITY OF HAWAII." United States Dept. Of Agriculture - Research, Education & Economics Information System. 2008. <https://reeis.usda.gov/web/crisprojectpages/0204281-improving-the-quality-of-kava-beverage.html>.

Blanco, Julien, Laurence Pascal, Laurence Ramon, Henri Vandenbroucke, and Stéphanie M. Carrière. 2013. "Agrobiodiversity Performance in Contrasting Island Environments: The Case of Shifting Cultivation in Vanuatu, Pacific." *Agriculture, Ecosystems & Environment* 174 (July): 28–39. <https://doi.org/10.1016/j.agee.2013.04.015>.

Block, Keith I., Charlotte Gyllenhaal, and Mark N. Mead. 2004. "Safety and Efficacy of Herbal Sedatives in Cancer Care." *Integrative Cancer Therapies* 3 (2): 128–48. <https://doi.org/10.1177/1534735404265003>.

Blumenthal, Mark, ed. 1997. *Herbalgram Issue 39 Kava: Herb of the Pacific Paradise*. Vol. 1. HerbalGram. <https://www.herbalgram.org/resources/herbalgram/issues/39/>.

—. 2002a. "Dear Reader Re: Kava Liver Toxicity (HerbalGram)." *The Journal of the American Botanical Council*, 2002.

—. 2002b. "Kava: Safety Questioned due to Case Reports of Liver Toxicity." *The Journal of The American Botanical Council*, no. 55: 28–34. <https://www.herbalgram.org/media/11996/issue55.pdf>.

Blumenthal, Mark, and Yadhu N. Singh. n.d. "The Kava Ceremony. - American Botanical Council." Accessed February 3, 2023. <https://www.herbalgram.org/resources/herbalgram/issues/39/table-of-contents/article493/>.

Blythe, Tyler. Letter to Vanuatu Government. 2017. "Tyler's Letter to Vanuatu," October 2017.

Bodkin, Ryan, Sandra Schneider, Donna Rekkerth, Linda Spillane, and Michael Kamali. 2012. "Rhabdomyolysis Associated with Kava Ingestion." *The American Journal of Emergency Medicine* 30 (4): 635.e1–3. <https://doi.org/10.1016/j.ajem.2011.01.030>.

Boerner, R. J. 2001. "Kava Kava in the Treatment of Generalized Anxiety Disorder, Simple Phobia and Specific Social

Phobia." *Phytotherapy Research: PTR* 15 (7): 646–47. <https://doi.org/10.1002/ptr.1006>.

Boerner, R. J., H. Sommer, W. Berger, U. Kuhn, U. Schmidt, and M. Mannel. 2003. "Kava-Kava Extract LI 150 Is as Effective as Opipramol and Buspirone in Generalised Anxiety Disorder--an 8-Week Randomized, Double-Blind Multi-Centre Clinical Trial in 129 out-Patients." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 10 Suppl 4: 38–49. <https://doi.org/10.1078/1433-187x-00309>.

Boerner, Reinhard J., and Stephan Klement. 2004. "Attenuation of Neuroleptic-Induced Extrapyramidal Side Effects by Kava Special Extract WS 1490." *Wiener Medizinische Wochenschrift* 154 (21-22): 508–10. <https://doi.org/10.1007/s10354-004-0115-7>.

Boissonnas, Valentin. 2014. "BEYOND THE RIM: A COMPARATIVE STUDY OF KAVA BOWLS FROM SAMOA, TONGA AND FIJI." *Journal of the Polynesian Society* 123 (4): 357–82. <https://doi.org/10.15286//jps.123.4.357-382>.

Boon, Heather S., and Albert H. C. Wong. 2003. "Kava: A Test Case for Canada's New Approach to Natural Health Products." *CMAJ: Canadian Medical Association Journal = Journal de l'Association Medicale Canadienne* 169 (11): 1163–64. <https://www.cmaj.ca/content/169/11/1163>.

Boonen, G., B. Ferger, K. Kuschinsky, and H. Häberleinl. 1998. "In Vivo Effects of the Kavapyrones (+)-Dihydromethysticin And(±)-Kavain on Dopamine, 3,4-Dihydroxyphenylacetic Acid, Serotonin and 5-Hydroxyindoleacetic Acid Levels in Striatal and Cortical Brain Regions." *Planta Medica* 64: 507–10.

Boonen, G., A. Pramanik, R. Rigler, and H. Häberlein. 2000. "Evidence for Specific Interactions between Kavain and Human Cortical Neurons Monitored by Fluorescence Correlation Spectroscopy." *Planta Medica* 66 (1): 7–10. <https://doi.org/10.1055/s-2000-11112>.

Boonen, Georg, and Hanns Hberlein. 1998. "Influence of Genuine Kavapyrone Enantiomers on the GABA Binding Site." *Planta Medica* 64: 504–6. <https://doi.org/10.1055/s-2006-957502>.

Botello, Jordy F., Pedro Corral, Tengfei Bian, and Chengguo Xing. 2020. "Kava and Its Kavalactones Inhibit Norepinephrine-Induced Intracellular Calcium Influx in Lung Cancer Cells." *Planta Med* 86 (1): 26–31. <https://doi.org/10.1055/a-1035-5183>.

Bott, Elizabeth. 2002. "The Kava Ceremonial as a Dream Structure." In *Constructive Drinking*, 193–215. London: Routledge.

Bousman, C. A., G. Murray, and K. M. Savage. 2012. "Kava for the Treatment of Generalized Anxiety." *Journal of Clinical Psychopharmacology*. https://www.academia.edu/download/45247573/Kava_for_the_Treatment_of_Generalized_An20160501-19740-1mzgl6u.pdf.

Bratrud, Tom. 2019. "FEAR AND HOPE IN VANUATU PENTECOSTALISM." *Paideuma: Mitteilungen Zur Kultatkunde* 65: 111–32. <https://doi.org/10.2307/26858307>.

———. 2021. "Asserting Land, Estranging Kin: On Competing Relations of Dependence in Vanuatu." *Oceania; a Journal Devoted to the Study of the Native Peoples of Australia, New Guinea, and the Islands of the Pacific* 91 (2): 280–95. <https://doi.org/10.1002/ocea.5305>.

Brauer, Robert Bernhard, Manfred Stangl, Jorg Rudiger Siewert, Rudolf Pfab, and Karen Becker. 2003. "Acute Liver Failure

after Administration of the Herbal Tranquilizer Kava-Kava (*Piper Methysticum*).” *The Journal of Clinical Psychiatry* 64 (2): 216–28. <https://doi.org/10.4088/jcp.v64n0215c>.

Briskin, D. P., H. Kobayashi, A. Mehta, M. C. Gawienowski, L. Ainsworth, and M. A. L. Smith. 2001. “Production of Kavapyrones by Kava (*Piper Methysticum*) Tissue Cultures.” *Plant Cell Reports* 20 (6): 556–61. <https://doi.org/10.1007/s002990100356>.

Briskin, Donald P., Hideka Kobayashi, Mary Ann Lila, and Margaret Gawienowski. 2004. “Kava (*Piper Methysticum*): Growth in Tissue Culture and In Vitro Production of Kavapyrones.” In *Piper: A Model Genus for Studies of Phytochemistry, Ecology, and Evolution*, edited by Lee A. Dyer and Aparna D. N. Palmer, 140–55. Boston, MA: Springer US. https://doi.org/10.1007/978-0-387-30599-8_8.

Brown, Amy C., Janet Onopa, Peter Holck, Pakieli Kaufusi, Derek Kabasawa, Winston J. Craig, Klaus Dragull, Arie M. Levine, and Jonathan D. Baker. 2007. “Traditional Kava Beverage Consumption and Liver Function Tests in a Predominantly Tongan Population in Hawaii.” *Clinical Toxicology* 45 (5): 549–56. <https://doi.org/10.1080/15563650701365875>.

Brown, Katie. 2023. “For a Booze-Free Buzz, Americans Are Heading to Kava Bars.” *Food & Wine*. May 19, 2023. <https://www.foodandwine.com/kava-bars-7500103>.

Brown, Marilyn. 2003. “Āina under the Influence: The Criminalization of Alcohol in 19th-Century Hawai ‘i.” *Theoretical Criminology* 7 (1): 89–110. <https://doi.org/10.1177/1362480603007001201>.

Brown-Joel, Zoe O., Erica S. Colleran, and Mary Seabury Stone. 2018. “Inflammatory Seboropic Reaction Associated with Kava Kava Ingestion.” *JAAD Case Reports* 4 (5): 437–39. <https://doi.org/10.1016/j.jdcr.2017.12.011>.

Bruner, Natalie R., and Karen G. Anderson. 2009. “Discriminative-Stimulus and Time-Course Effects of Kava-Kava (*Piper Methysticum*) in Rats.” *Pharmacology, Biochemistry, and Behavior* 92 (2): 297–303. <https://doi.org/10.1016/j.pbb.2008.12.017>.

Brunton, Ron. 2009. “Kava and the Daily Dissolution of Society on Tanna, New Hebrides.” *Mankind* 12 (2): 93–103. <https://doi.org/10.1111/j.1835-9310.1979.tb00704.x>.

Brusca, Taylor. 2017. “Medical Attributes of *Piper Methysticum*--Kava.” Kenneth M. Klemow, Ph.D. Homepage. July 2017. <http://klemow.wilkes.edu/Piper.17.html>.

Bryan, E. H. 1924. “Field Notes of E.H. Bryan, Jr. on the Whitney South Seas Expedition.” Bishop Museum Technical Report 37. Pacific Biological Survey Bishop Museum.

Buck, Peter Henry. 1957. “Arts and Crafts of Hawaii: Section 1 Food.” In *Arts and Crafts of Hawaii*. Honolulu: Bishop Museum Press. <https://www.worldcat.org/oclc/3143899?page=citation>.

Buckley, P. Joseph, Angelo R. Furgiuele, and Maureen J. O’Hara. 1967. “Pharmacology of Kava (ii).” In *Ethnopharmacologic Search for Psychoactive Drugs*, 141–51.

Bujanda, L., A. Palacios, R. Silvariño, A. Sánchez, and C. Muñoz. 2002. “[Kava-induced acute icteric hepatitis].” *Gastroenterología y Hepatología* 25 (6): 434–35. [https://doi.org/10.1016/s0210-5705\(02\)70281-1](https://doi.org/10.1016/s0210-5705(02)70281-1).

Burton, Naomi, K. B. Snead, and Yashwant Pathak. 2023. “Systemic Review of the Use of Kava Kava for the Reduction of

Anxiety Disorder." *Medicon Medical Sciences* 5 (2): 37–46.

Butt, Julia. 2019. *Kava Usage in Aboriginal and Pacific Islander Communities in Australia*. National Drug Research Institute.

Cagnacci, Angelo, Serenella Arangino, Antonietta Renzi, Anna Lisa Zanni, Stefania Malmusi, and Annibale Volpe. 2003. "Kava-Kava Administration Reduces Anxiety in Perimenopausal Women." *Maturitas* 44 (2): 103–9. [https://doi.org/10.1016/s0378-5122\(02\)00317-1](https://doi.org/10.1016/s0378-5122(02)00317-1).

Cai, Bin, James S. Panek, and Salomon Amar. 2018. "Kava Analogues as Agents for Treatment of Periodontal Diseases: Synthesis and Initial Biological Evaluation." *Bioorganic & Medicinal Chemistry Letters* 28 (16): 2667–69. <https://doi.org/10.1016/j.bmcl.2018.05.026>.

Cairney, Sheree, Alan R. Clough, Paul Maruff, Alex Collie, Bart J. Currie, and Jon Currie. 2003. "Saccade and Cognitive Function in Chronic Kava Users." *Neuropsychopharmacology: Official Publication of the American College of Neuropsychopharmacology* 28 (2): 389–96. <https://doi.org/10.1038/sj.npp.1300052>.

Cairney, Sheree, Paul Maruff, and Alan R. Clough. 2002. "The Neurobehavioural Effects of Kava." *The Australian and New Zealand Journal of Psychiatry* 36 (5): 657–62. <https://doi.org/10.1046/j.1440-1614.2002.01027.x>.

Cairney, Sheree, Paul Maruff, Alan R. Clough, Alex Collie, Jon Currie, and Bart J. Currie. 2003. "Saccade and Cognitive Impairment Associated with Kava Intoxication." *Human Psychopharmacology* 18 (7): 525–33. <https://doi.org/10.1002/hup.532>.

Campo, John V., Joanne McNabb, James M. Perel, George V. Mazariegos, Susan L. Hasegawa, and Jorge Reyes. 2002. "Kava-Induced Fulminant Hepatic Failure." *Journal of the American Academy of Child and Adolescent Psychiatry* 41 (6): 631–32. <https://doi.org/10.1097/00004583-200206000-00001>.

Candolle. 1869. "Piperaceae." In *Prodromus Systematis Naturalis - Regni Vegetabilis*, edited by Candolle, 335.

Cannon-Eger, K. T. 1999. "New Herbal Beverages Offer A Market For Hawaiian Awa Plant." *Hawaii Tribune-Herald*, April 18, 1999.

Cantor, C. 1997. "Kava and Alcohol." *The Medical Journal of Australia*. <https://doi.org/10.5694/j.1326-5377.1997.tb138895.x>.

Capasso, A., and L. Sorrentino. 2005. "Pharmacological Studies on the Sedative and Hypnotic Effect of Kava Kava and Passiflora Extracts Combination." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 12 (1-2): 39–45. <https://doi.org/10.1016/j.phymed.2004.03.006>.

Cárdenas-Laverde, Diego, Sebastián Rincón-Aceldas, and Ericsson Coy-Barrera. 2022. "Identification of Antifungal Compounds from Piper Plants Against Fusarium Oxysporum: An Untargeted Metabolite Profiling-Based Approach." *Natural Product Communications* 17 (4): 1934578X221089995. <https://doi.org/10.1177/1934578X221089995>.

Carey, D. William. 2000. "How Should a Patient with an Isolated GGT Elevation Be Evaluated?" *Cleveland Clinic Journal of Medicine* 67 (5): 315–16. <https://www.ccjm.org/content/ccjom/67/5/315.full.pdf>.

Cass, Hyla. 2004. "Herbs for the Nervous System: Ginkgo, Kava, Valerian, Passionflower." *Seminars in Integrative Medicine* 2 (2): 82–88. <https://doi.org/10.1016/j.sigm.2004.07.001>.

Catchpole, O. J., N. B. Perry, B. M. T. da Silva, J. B. Grey, and B. M. Smallfield. 2002. "Supercritical Extraction of Herbs I: Saw Palmetto, St John's Wort, Kava Root, and Echinacea." *The Journal of Supercritical Fluids* 22 (2): 129–38. [https://doi.org/10.1016/S0896-8446\(01\)00110-3](https://doi.org/10.1016/S0896-8446(01)00110-3).

Cawte, J. 1985. "Psychoactive Substances of the South Seas: Betel, Kava and Pituri." *The Australian and New Zealand Journal of Psychiatry* 19 (1): 83–87. <https://doi.org/10.3109/00048678509158818>.

Cawte, John. 1986. "Parameters of Kava Used as a Challenge to Alcohol." *The Australian and New Zealand Journal of Psychiatry* 20 (1): 70–76. <https://doi.org/10.3109/00048678609158867>.

———. 1988. "Macabre Effects of a 'Cult' for Kava." *The Medical Journal of Australia* 148 (June): 545–46. <https://doi.org/10.5694/j.1326-5377.1988.tb93806.x>.

Celentano, Antonio, Andrew Tran, Claire Testa, Krishen Thayanantha, William Tan-Orders, Stephanie Tan, Mitali Syamal, Michael J. McCullough, and Tami Yap. 2019. "The Protective Effects of Kava (*Piper Methysticum*) Constituents in Cancers: A Systematic Review." *Journal of Oral Pathology & Medicine: Official Publication of the International Association of Oral Pathologists and the American Academy of Oral Pathology* 48 (7): 510–29. <https://doi.org/10.1111/jop.12900>.

Celentano, Antonio, Callisthenis Yiannis, Rita Paolini, Pangzhen Zhang, Camile S. Farah, Nicola Cirillo, Tami Yap, and Michael McCullough. 2020. "Kava Constituents Exert Selective Anticancer Effects in Oral Squamous Cell Carcinoma Cells in Vitro." *Scientific Reports* 10 (1): 1–11. <https://doi.org/10.1038/s41598-020-73058-4>.

[Centers for Disease Control and Prevention]. 2002. "Hepatic Toxicity Possibly Associated with Kava-Containing Products — United States, Germany, and Switzerland, 1999–2002." *Morbidity and Mortality Weekly Report. Surveillance Summaries* 51 (47): 1065–67. <http://www.jstor.org/stable/23312772>.

Centers for Disease Control and Prevention (CDC). 2002. "Hepatic Toxicity Possibly Associated with Kava-Containing Products—United States, Germany, and Switzerland, 1999–2002." *MMWR. Morbidity and Mortality Weekly Report* 51 (47): 1065–67. <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC12500906/>

Chambers, Megan I., Amy M. Osborne, and Rabi A. Musah. 2019. "Rapid Detection and Validated Quantification of Psychoactive Compounds in Complex Plant Matrices by Direct Analysis in Real Time-High Resolution Mass Spectrometry - Application to 'Kava' Psychoactive Pepper Products." *Rapid Communications in Mass Spectrometry: RCM* 33 (24): 1915–25. <https://doi.org/10.1002/rcm.8532>.

Chang, Heidi. 2001. "Hawaiian Awa." World Media Foundation. December 2001. <https://www.loe.org/shows/segments.html?programID=01-P13-00050&segmentID=5>.

Chanteraud, Annabel, and Gilbert David. 2011. "Le kava au Vanuatu, des rites ancestraux aux bars à kava de l'urbanité domestiquée : une lecture diachronique [Kava in Vanuatu, from ancestral rites to the kava bars of domesticated urbanity: a diachronic reading]." *Journal de la Societe des oceanistes*, no. 133 (December): 267–84. <https://doi.org/10.4000/jso.6483>.

Chanwai, L. Giles. 2000. "Kava Toxicity." *Emergency Medicine Australasia: EMA* 12 (2): 142–45. <https://doi.org/10.1046/j.1442-2026.2000.00107.x>.

Charles F. Urbanowicz. 1975. "Drinking in the Polynesian Kingdom of Tonga." *Ethnohistory* 22 (1): 33–50. <https://doi.org/10.2307/481279>.

- Chase, Lance D. 2000. "The Hawaiian Mission Crisis of 1874: The 'Awa Rebellion Story.' In *Voyages of Faith*, 59–70. Brigham Young University.
- Chatterjee, S. S., and M. Nöldner. 1997. "Losigamone: From Plant Extract to Antiepileptic Drug." *CNS Drug Reviews* 3 (3): 225–44. <https://doi.org/10.1111/j.1527-3458.1997.tb00325.x>.
- Chaurasiya, Narayan D., Francisco León, Yuanqing Ding, Isabel Gómez-Betancur, Dora Benjumea, Larry A. Walker, Stephen J. Cutler, and Babu L. Tekwani. 2017. "Interactions of Desmethoxyyangonin, a Secondary Metabolite from *Renealmia Alpinia*, with Human Monoamine Oxidase-A and Oxidase-B." *Evidence-Based Complementary and Alternative Medicine: eCAM* 2017 (August): 4018724. <https://doi.org/10.1155/2017/4018724>.
- Cheng, D., R. O. Lidgard, P. H. Duffield, A. M. Duffield, and J. J. Brophy. 1988. "Identification by Methane Chemical Ionization Gas Chromatography/mass Spectrometry of the Products Obtained by Steam Distillation and Aqueous Acid Extraction of Commercial *Piper Methysticum*." *Biomedical & Environmental Mass Spectrometry* 17 (5): 371–76. <https://doi.org/10.1002/bms.1200170505>.
- Cheung, Cynthia, Jonathan D. Baker, Julianne M. Byrne, and Katelynn A. Perrault. 2022. "Investigating Volatiles as the Secondary Metabolome of *Piper Methysticum* from Root Powder and Water Extracts Using Comprehensive Two-Dimensional Gas Chromatography." *Journal of Ethnopharmacology* 294 (May): 115346. <https://doi.org/10.1016/j.jep.2022.115346>.
- Chinnery, E. W. 1922. "Piper Methysticum in Betel-Chewing." *Man* 22: 24–27.
- Chou, Tsui-Wei, Jia-Hua Feng, Chi-Chang Huang, Ya-Wen Cheng, Shih-Chang Chien, Sheng-Yang Wang, and Lie-Fen Shyur. 2013. "A Plant Kavalactone Desmethoxyyangonin Prevents Inflammation and Fulminant Hepatitis in Mice." *PLoS One* 8 (10): e77626. <https://doi.org/10.1371/journal.pone.0077626>.
- Christie, Wendy. 2017. "SAFEGUARDING ARCHITECTURE IN VANUATU (NAKAMALS)." UNESCO.
- Christl, Stefan U., Axel Seifert, and Dirk Seeler. 2009. "Toxic Hepatitis after Consumption of Traditional Kava Preparation." *Journal of Travel Medicine* 16 (1): 55–56. <https://doi.org/10.1111/j.1708-8305.2008.00259.x>.
- Chronheim, Georg E. 1967. "Discussion - Kava." In *Ethnopharmacologic Search for Psychoactive Drugs*, 174–81.
- Chua, Han Chow. 2016. "Pharmacology Profile of 2'-Methoxy-6-Methylflavone and Kavain at Recombinant GABAA Receptors." University of Sydney. <https://ses.library.usyd.edu.au/handle/2123/15232>.
- Chua, Han Chow, Emilie T. H. Christensen, Kirsten Hoestgaard-Jensen, Leonny Y. Hartiadi, Iqbal Ramzan, Anders A. Jensen, Nathan L. Absalom, and Mary Chebib. 2016. "Kavain, the Major Constituent of the Anxiolytic Kava Extract, Potentiates GABAA Receptors: Functional Characteristics and Molecular Mechanism." *PLoS One* 11 (6): e0157700. <https://doi.org/10.1371/journal.pone.0157700>.
- Churchill, William. 1916. *Samoan Kava Custom*.
- Class Action Lawsuit against Botanic Tonics & 7-Eleven Stores. 2023 UNITED STATES DISTRICT COURT. District Court.
- Clayton, Natasha P., Katsuhiko Yoshizawa, Grace E. Kissling, Leo T. Burka, Po-Chuen Chan, and Abraham Nyska. 2007. "Immunohistochemical Analysis of Expressions of Hepatic Cytochrome P450 in F344 Rats Following Oral Treatment with

Kava Extract." *Experimental and Toxicologic Pathology: Official Journal of the Gesellschaft Fur Toxikologische Pathologie* 58: 223–36. <https://doi.org/10.1016/j.etp.2006.08.002>.

Clouatre, Dallas L. 2004. "Kava Kava: Examining New Reports of Toxicity." *Toxicology Letters* 150: 85–96. <https://doi.org/10.1016/j.toxlet.2003.07.005>.

Clough, A. R. 2004. "Kava." *Reference Book for the CARPA Standard Treatment Manual, 4th Edition.* Darwin: Central Australian Rural Practitioners Association.

http://iempowerment.org/usb/iempowerment/healthcare/Mental_health_and_drug_problems/Kava.pdf.

Clough, A. R., S. P. Jacups, Z. Wang, C. B. Burns, R. S. Bailie, S. J. Cairney, A. Collie, T. Guyula, S. P. McDonald, and B. J. Currie. 2003. "Health Effects of Kava Use in an Eastern Arnhem Land Aboriginal Community." *Internal Medicine Journal* 33 (8): 336–40. <https://doi.org/10.1046/j.1444-0903.2003.00405.x>.

Clough, A. R., K. Rowley, and K. O'Dea. 2004. "Kava Use, Dyslipidaemia and Biomarkers of Dietary Quality in Aboriginal People in Arnhem Land in the Northern Territory (NT), Australia." *European Journal of Clinical Nutrition* 58 (7): 1090–93. <https://doi.org/10.1038/sj.ejcn.1601921>.

Clough, A. R., Z. Wang, R. S. Bailie, C. B. Burns, and B. J. Currie. 2004. "Case-Control Study of the Association between Kava Use and Ischaemic Heart Disease in Aboriginal Communities in Eastern Arnhem Land (Northern Territory) Australia." *Journal of Epidemiology and Community Health* 58 (2): 140–41. <https://doi.org/10.1136/jech.58.2.140>.

Clough, Alan. 2003a. "HEALTH EFFECTS OF HEAVY KAVA USE IN INDIGENOUS AUSTRALIANS." Doctor of Philosophy , Menzies School of Health Research.

———. 2003b. "Enough! Or Too Much. What Is 'Excessive' Kava Use in Arnhem Land?" *Drug and Alcohol Review* 22 (1): 43–51. <https://doi.org/10.1080/0959523021000059820>.

Clough, Alan R., Ross Bailie, Chris B. Burns, Terrence Guyula, Roslyn Wunungmurra, and Sylvia Rrepula Wanybarrnga. 2002. "Methods: Validity and Utility of Community Health Workers' Estimation of Kava Use." *Australian and New Zealand Journal of Public Health* 26 (1): 52–57. <https://doi.org/10.1111/j.1467-842x.2002.tb00271.x>.

Clough, Alan R., Ross S. Bailie, and Bart Currie. 2003. "Liver Function Test Abnormalities in Users of Aqueous Kava Extracts." *Journal of Toxicology. Clinical Toxicology* 41 (6): 821–29. <https://doi.org/10.1081/clt-120025347>.

Clough, Alan R., Sheree Cairney, Paul Maruff, Chris B. Burns, and Bart J. Currie. 2001. "Possible Toxicity and Withdrawal Seizures in Aboriginal Kava Drinkers in Arnhem Land, (Australia)." *South Pacific Journal of Psychology* 13: 26–33. <https://doi.org/10.1017/S025754340000033X>.

Clough, Alan R., Bart J. Currie, Maymuna W. Yunupingu, and Katherine M. Conigrave. 2006. "Action Is Required to Reduce Kava Supply in Arnhem Land... Again!" *The Medical Journal of Australia* 184 (2): 91–92. <https://doi.org/10.5694/j.1326-5377.2006.tb00130.x>.

Clough, Alan R., and Peter J. Jones. 2004. "Policy Approaches to Support Local Community Control over the Supply and Distribution of Kava in the Northern Territory (Australia)." *Drug and Alcohol Review* 23 (1): 117–26. <https://doi.org/10.1080/09595230410001645619>.

Clunie, Fergus. 2015. "'TONGIAKI' TO 'KALIA': THE MICRONESIAN-RIGGED VOYAGING CANOES OF FIJI AND WESTERN POLYNESIA AND THEIR TANGALOAN-RIGGED FOREBEARS." *The Journal of the Polynesian Society. Polynesian Society* 124

(4): 335–418. <http://www.jstor.org/stable/44012032>.

CODEX ALIMENTARIUS COMMISSION. 2021. “Joint FAO/WHO Food Standards Programme.” In *Report Of The Forty-Sixth Session Of The Codex Committee On Food Labelling*, 67. World Health Organization.

Collocott, E. E. V. 1927. “KAVA CEREMONIAL IN TONGA.” *The Journal of the Polynesian Society. Polynesian Society* 36 (1(141)): 21–47. <http://www.jstor.org/stable/20702121>.

Committee on Herbal Medicinal Products. 2018. “Assessment Report on Piper Methysticum G. Forst., Rhizoma.” European Medicines Agency.

Competitiveness, Solomon Islands Strengthening, and Environment Architecture. n.d. “ANNEX C – DATA COLLECTION CAPSTONE REPORT.”

Competitiveness, Solomon Islands-Strengthening. n.d. “COMPETITIVE APPRAISAL MATRIX.”

Connell, John. 2007. “Towards Free Trade in the Pacific? The Genesis of the ‘Kava-Biscuit War’ between Fiji and Vanuatu.” *Geographical Research* 45 (1): 1–12. <https://doi.org/10.1111/j.1745-5871.2007.00425.x>.

Connor, K. M., J. R. Davidson, and L. E. Churchill. 2001. “Adverse-Effect Profile of Kava.” *CNS Spectrums* 6 (10): 848, 850–53. <https://doi.org/10.1017/s109285290000167x>.

Connor, K. M., and J. R. T. Davidson. 2002. “A Placebo-Controlled Study of Kava Kava in Generalized Anxiety Disorder.” *International Clinical Psychopharmacology* 17 (4): 185–88. <https://doi.org/10.1097/00004850-200207000-00005>.

Connor, Kathryn M., Victoria Payne, and Jonathan R. T. Davidson. 2006. “Kava in Generalized Anxiety Disorder: Three Placebo-Controlled Trials.” *International Clinical Psychopharmacology* 21 (5): 249–53. <https://doi.org/10.1097/00004850-200609000-00001>.

Considerations Regarding Substances Added to Foods, Including Beverages And Dietary Supplements. 2014. “Guidance for Industry.” US FDA.

“Consultant: Feasibility Studies on Digitising Kava Value Chain for Trade and Investment in the Pacific.” n.d. Commonwealth. Accessed March 23, 2023. <https://thecommonwealth.org/consultant-feasibility-studies-digitising-kava-value-chain-trade-and-investment-pacific>.

Cordeiro, C. H. G., M. C. Chung, and L. V. S. do Sacramento. 2005. “Interações Medicamentosas de Fitoterápicos E Fármacos: Hypericum Perforatum E Piper Methysticum.” *Revista Brasileira de Farmacognosia: Orgao Oficial Da Sociedade Brasileira de Farmacognosia* 15 (3): 272–78. <https://doi.org/10.1590/s0102-695x2005000300019>.

Costa, Willian Richardes, Lucas Rossi Sartori, and José C. Tavares Carvalho. 2010. “Study of In Vitro and In Vivo Extraction of Kavalactones of Pharmaceutical Form Containing Ground Plant Drug (Piper Methysticum G. Forster).” *Latin American Journal of Pharmacy* 29 (2): 289–92. https://www.academia.edu/download/49124391/Kavalactones_LAJP.pdf.

Côté, Cynthia S. 2006. “Screening of Selected Molecules for Their Effect on the Secondary Structure of Amyloid Beta. Composition and Biological Activity of Traditional and Commercial Kava Extracts.” escholarship.mcgill.ca/concern/theses/kp78gm07v.

Côté, Cynthia S., Christine Kor, Jon Cohen, and Karine Auclair. 2004. “Composition and Biological Activity of Traditional

and Commercial Kava Extracts." *Biochemical and Biophysical Research Communications* 322 (1): 147–52. <https://doi.org/10.1016/j.bbrc.2004.07.093>.

Coulter, David, Tamayo Carmen Sotheeswaran Subramaniam, Catherine Ulbricht, and World Health Organization. 2007. "Assessment of the Risk of Hepatotoxicity with Kava Products." World Health Organization.

Cover, James Fleet, and W. N. Gunson. 1980. "Cover's Notes on the Tahitians, 1802." *The Journal of Pacific History* 15 (4): 217–24. <http://www.jstor.org/stable/25168442>.

Cox, Paul Alan, and Lisa O'Rourke. 1987. "Kava (Piper Methysticum, Piperaceae)." *Economic Botany* 41 (3): 452–54. <http://www.jstor.org/stable/4254999>.

Cribb, Lachlan, Jerome Sarris, Karen M. Savage, Gerard J. Byrne, Najwa-Joelle Metri, Andrew Scholey, Con Stough, and Chad A. Bousman. 2023. "Effect of Kava (Piper Methysticum) on Peripheral Gene Expression among Individuals with Generalized Anxiety Disorder: A Post Hoc Analysis of a Randomized Controlled Trial." *Phytotherapy Research: PTR*, September. <https://doi.org/10.1002/ptr.7999>.

CRN. 2014. "CRN Safety Considerations for Dosage Recommendations and Labeling." Council for Responsible Nutrition. https://crnusa.org/sites/default/files/pdfs/CRN-Safety-Considerations-Vol_Dosage_Labeling-Revpost2014.pdf.

Cropley, M., Z. Cave, J. Ellis, and R. W. Middleton. 2002. "Effect of Kava and Valerian on Human Physiological and Psychological Responses to Mental Stress Assessed under Laboratory Conditions." *Phytotherapy Research: PTR* 16 (1): 23–27. <https://doi.org/10.1002/ptr.1002>.

Crossin, Rose, Lana Cleland, Chris Wilkins, Marta Rychert, Simon Adamson, Tuari Potiki, Adam C. Pomerleau, et al. 2023. "The New Zealand Drug Harms Ranking Study: A Multi-Criteria Decision Analysis." *Journal of Psychopharmacology* , June, 2698811231182012. <https://doi.org/10.1177/02698811231182012>.

Crowley, Terry. 1995. "The National Drink and the National Language in Vanuatu." *Journal Of the Polynesian Society* 104 (1): 7–22. <https://doi.org/https://www.jstor.org/stable/20706599>.

Crowley, Terry, and Others. 1994. "Proto Who Drank Kava?" In *Austronesian Terminologies: Continuity and Change*. Pacific Linguistics. <https://openresearch-repository.anu.edu.au/bitstream/1885/253803/1/PL-C127.87.pdf>.

Currie, Bart J., and Alan R. Clough. 2003. "Kava Hepatotoxicity with Western Herbal Products: Does It Occur with Traditional Kava Use?" *The Medical Journal of Australia*. mja.com.au. <https://doi.org/10.5694/j.1326-5377.2003.tb05279.x>.

Cuzent, G. 1862. "On Kava or Ava (Piper Methysticum)." In *The Technologist*, edited by Peter Lund Simmonds, 352–55. London: Kent & Co, Paternoster Row.

Cuzent, Gilbert. 1856. "Du Kawa de Noukahiva Lies Marquises. [The Kawa or Nuku Hiva , Marquesas Islands]." *Revue Coloniale Paris* 2 (15): 582–83. https://www.samorini.it/doc1/alt_aut/ad/cuzent-du-kawa-de-noukahiva.pdf.

———. 1858. "Du Kawa, Kava Ou Ava de Tahiti et Des Iles Marquises. [The Kawa , Kava or Ava of Tahiti an D the Marquesas Islands]." *Revue Colonaile [Paris]* 2 (20): 630–46. https://www.samorini.it/doc1/alt_aut/ad/cuzent-du-kawa-kava-ou-hava-piper-methysticum-de-tahiti-et-des-iles-marquises.pdf.

D. Schmitz ,CL Zhang ,SS Chatterjee &U. Heinemann. 1995. "Effects of Methysticin on Three Different Models of Seizure

like Events Studied in Rat Hippocampal and Entorhinal Cortex Slices." *Naunyn-Schmiedeberg's Archives of Pharmacology* 351: 348–55. <https://doi.org/10.1007/BF00169074>.

Dai, Jun-Qi, Yi-Gang Huang, and Ai-Na He. 2015. "Dihydromethysticin Kavalactone Induces Apoptosis in Osteosarcoma Cells through Modulation of PI3K/Akt Pathway, Disruption of Mitochondrial Membrane Potential and Inducing Cell Cycle Arrest." *International Journal of Clinical and Experimental Pathology* 8 (5): 4356–66. <https://www.ncbi.nlm.nih.gov/pubmed/26191127>.

Danan, Gaby, and Rolf Teschke. 2015. "RUCAM in Drug and Herb Induced Liver Injury: The Update." *International Journal of Molecular Sciences* 17 (1). <https://doi.org/10.3390/ijms17010014>.

Data, Human. 1998. "Summary of Data for Chemical Selection (executive Summary) Kava Kava.." ntp.niehs.nih.gov/ntp/htdocs/chem_background/exsumpdf/kava_508.pdf.

Dattilio, Frank M. 2002. "The Use of Kava and Cognitive-Behavior Therapy in the Treatment of Panic Disorder." *Cognitive and Behavioral Practice*, no. 9: 83–88. [https://doi.org/10.1016/S1077-7229\(02\)80002-5](https://doi.org/10.1016/S1077-7229(02)80002-5).

Davella, Rakesh, Swapna Gurrapu, and Estari Mamidala. 2022. "Phenolic Compounds as Promising Drug Candidates against COVID-19 - an Integrated Molecular Docking and Dynamics Simulation Study." *Materials Today. Proceedings* 51: 522–27. <https://doi.org/10.1016/j.matpr.2021.05.595>.

Davies, L. P., C. A. Drew, P. Duffield, G. A. Johnston, and D. D. Jamieson. 1992. "Kava Pyrones and Resin: Studies on GABAA, GABAB and Benzodiazepine Binding Sites in Rodent Brain." *Pharmacology & Toxicology* 71 (2): 120–26. <https://doi.org/10.1111/j.1600-0773.1992.tb00530.x>.

Davis, R. I., M. F. Lomavatu-Fong, L. A. McMichaef, T. K. Ruabete, S. Kumar, and U. Turaganivalu. 2005. "Cucumber Mosaic Virus Infection of Kava (*Piper Methysticum*) and Implications for Cultural Control of Kava Dieback Disease." *Australasian Plant Pathology: APP* 34 (3): 377–84. <https://doi.org/10.1071/AP05050>.

De Leo, V., A. la Marca, G. Morgante, D. Lanzetta, P. Florio, and F. Petraglia. 2001. "Evaluation of Combining Kava Extract with Hormone Replacement Therapy in the Treatment of Postmenopausal Anxiety." *Maturitas* 39 (2): 185–88. [https://doi.org/10.1016/s0378-5122\(01\)00197-9](https://doi.org/10.1016/s0378-5122(01)00197-9).

De Smet, Peter A. G. M. 2002. "Safety Concerns about Kava Not Unique." *The Lancet*. [https://doi.org/10.1016/S0140-6736\(02\)11347-X](https://doi.org/10.1016/S0140-6736(02)11347-X).

Degei, Sekove Bigitibau. 2007. "The Challenge to Fijian Methodism - the Vanua, Identity, Ethnicity and Change." Master of Social Sciences in Anthropology , University of Waikato.

Deihl, Joseph R. 1932. "Kava and Kava-Drinking." *Primitive Man* 5 (4): 61–68. <https://doi.org/10.2307/3316234>.

Denery, Judith R., Klaus Dragull, C. S. Tang, and Qing X. Li. 2004. "Pressurized Fluid Extraction of Carotenoids from Haematococcus Pluvialis and Dunaliella Salina and Kavalactones from *Piper Methysticum*." *Analytica Chimica Acta* 501 (2): 175–81. <https://doi.org/10.1016/j.aca.2003.09.026>.

Denham, Alison. 2002. "German BFARM Case Reports - Kava - The Unfolding Story." *The Journal Of Alternative And Complementary Medicine*, 22–24.

Denham, Alison, Michael Mc INTYRE, M. B. Ac. C., and Julie Whitehouse. 2002. "Kava— the Unfolding Story: Report on a

Work-in-Progress." *Journal of Alternative and Complementary Medicine* 8 (3): 237–63.

<https://doi.org/10.1089/10755530260127943>.

Denham, T. P., S. G. Haberle, C. Lentfer, R. Fullagar, J. Field, M. Therin, N. Porch, and B. Winsborough. 2003. "Origins of Agriculture at Kuk Swamp in the Highlands of New Guinea." *Science* 301 (5630): 189–93.

<https://doi.org/10.1126/science.1085255>.

Dentali, Steven J., Cristina Amarillas, Tyler Blythe, Paula N. Brown, Anton Bzhelyansky, Christine Fields, Holly E. Johnson, et al. 2018. "Standard Method Performance Requirements (SMPRs®) 2018.005: Determination of Kavalactones And/or Flavokavains from Kava (*Piper Methysticum*)."*Journal of AOAC International* 101 (4): 1256–60.
<https://doi.org/10.5740/jaoacint.smpr2018.005>.

Department of Industry, Tourism and Trade. 2020. "KAVA MANAGEMENT ACT 1998."

<https://legislation.nt.gov.au/Legislation/KAVA-MANAGEMENT-ACT-1998>.

Devkota, Ashwini K. 2003. "Toxicity Potential of Aqueous Kava Extracts on Liver Function Tests in Rats." *American Journal of Undergraduate Research* 1 (1): 6. <https://openprairie.sdsstate.edu/jur/vol1/iss1/6/>.

Dharmananda, Subhuti. 2002. "Safety Issues Affecting Herbs: The Case of Kava." Institute for Traditional Medicine. April 2002. <http://www.itmonline.org/arts/kavasafe.htm>.

Dharmaratne, H. Ranjith W., N. P. Dhammadika Nanayakkara, and Ikhlas A. Khan. 2002. "Kavalactones from *Piper Methysticum*, and Their ¹³C NMR Spectroscopic Analyses." *Phytochemistry* 59 (4): 429–33.
[https://doi.org/10.1016/s0031-9422\(01\)00443-5](https://doi.org/10.1016/s0031-9422(01)00443-5).

Diana Webster. 1999. "Cannibals and Kava." *The Hudson Review* 52 (2): 182–89. <https://doi.org/10.2307/3853398>.

"Dietary Supplement Labeling." n.d. Accessed January 5, 2023.

<https://www.americanbar.org/groups/litigation/committees/products-liability/practice/2018/dietary-supplement-labeling/>.

Dietlein, G., and D. Schröder-Bernhardi. 2003. "Doctors' Prescription Behaviour Regarding Dosage Recommendations for Preparations of Kava Extracts." *Pharmacoepidemiology and Drug Safety* 12 (5): 417–21. <https://doi.org/10.1002/pds.839>.

Dietz, Birgit, and Judy L. Bolton. 2007. "Botanical Dietary Supplements Gone Bad." *Chemical Research in Toxicology* 20 (4): 586–90. <https://doi.org/10.1021/tx7000527>.

Ding, Yan, Ruilin Hou, Jianqiang Yu, Chengguo Xing, Chunlin Zhuang, and Zhuo Qu. 2023. "Dietary Phytochemicals as Potential Chemopreventive Agents against Tobacco-Induced Lung Carcinogenesis." *Nutrients* 15 (3): 491.
<https://doi.org/10.3390/nu15030491>.

Dinh, L. D., U. Simmen, K. B. Bueter, B. Bueter, K. Lundstrom, and W. Schaffner. 2001. "Interaction of Various *Piper Methysticum* Cultivars with CNS Receptors in Vitro." *Planta Medica* 67 (4): 306–11. <https://doi.org/10.1055/s-2001-14334>.

DiSilvestro, Robert A., Wenyi Zhang, and David J. DiSilvestro. 2007. "Kava Feeding in Rats Does Not Cause Liver Injury nor Enhance Galactosamine-Induced Hepatitis." *Food and Chemical Toxicology: An International Journal Published for the British Industrial Biological Research Association* 45 (7): 1293–1300. <https://doi.org/10.1016/j.fct.2007.01.015>.

District of Columbia Department of Health. 2011. "Step by Step Guide for Building a Results Framework." Center for Policy, Planning & Evaluation.

Dom, Michael. 2007. "Assessment of Kavalactones in Kava, Piper Methysticum Forst. F., Cultivars of Papua New Guinea." *PNG Journal of Agriculture, Forestry and Fisheries* 50 (1): 11–17.
https://www.academia.edu/13126440/Assessment_of_Kavalactones_in_Kava_Piper_methysticum_Forst_f_Cultivars_of_Papua_New_Guinea.

Donadio, V., P. Bonsi, I. Zele, L. Monari, R. Liguori, R. Vetrugno, F. Albani, and P. Montagna. 2000. "Myoglobinuria after Ingestion of Extracts of Guarana, Ginkgo Biloba and Kava." *Neurological Sciences: Official Journal of the Italian Neurological Society and of the Italian Society of Clinical Neurophysiology* 21 (2): 124.
<https://doi.org/10.1007/s100720070109>.

Dong, J., P. Kandukuru, A. S. Huang, and Y. Li. 2011. "PCR-DGGE Analysis of Bacterial Community Dynamics in Kava Beverages during Refrigeration." *Letters in Applied Microbiology* 53 (1): 30–34. <https://doi.org/10.1111/j.1472-765X.2011.03065.x>.

Dong, Renchao, Xiaohui Wang, Lu Wang, Changyuan Wang, Kai Huang, Ting Fu, Kexin Liu, Jingjing Wu, Huijun Sun, and Qiang Meng. 2021. "Yangonin Inhibits Ethanol-Induced Hepatocyte Senescence via miR-194/FXR Axis." *European Journal of Pharmacology* 890 (January): 173653. <https://doi.org/10.1016/j.ejphar.2020.173653>.

Dong, Renchao, Xiaobo Yang, Changyuan Wang, Kexin Liu, Zhihao Liu, Xiaodong Ma, Huijun Sun, Xiaokui Huo, Ting Fu, and Qiang Meng. 2019. "Yangonin Protects against Non-Alcoholic Fatty Liver Disease through Farnesoid X Receptor." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 53 (February): 134–42.
<https://doi.org/10.1016/j.phymed.2018.09.006>.

Douglas, Cawte, and Mathews. 1988. "The Effects of Heavy Usage of Kava on Physical Health (Letter to Authors)." *The Medical Journal of Australia* 149 (6): 341–42. <https://doi.org/10.5694/j.1326-5377.1988.tb120654.x>.

Dragull, Klaus, Wesley Y. Yoshida, and Chung-Shih Tang. 2003. "Piperidine Alkaloids from Piper Methysticum." *Phytochemistry* 63 (2): 193–98. [https://doi.org/10.1016/s0031-9422\(03\)00111-0](https://doi.org/10.1016/s0031-9422(03)00111-0).

Dudding, A., Wellington S. Beccari, and Wellington J. Bartle. 2022. "Prevalence of Drugged And/or Medicated Driving in New Zealand." 689. NZ Transport Agency.

Duffield, A. M., D. D. Jamieson, R. O. Lidgard, P. H. Duffield, and D. J. Bourne. 1989. "Identification of Some Human Urinary Metabolites of the Intoxicating Beverage Kava." *Journal of Chromatography* 475 (July): 273–81.
[https://doi.org/10.1016/s0021-9673\(01\)89682-5](https://doi.org/10.1016/s0021-9673(01)89682-5).

Duffield, A. M., R. O. Lidgard, and G. K-C Low. 1986. "Analysis of the Constituents of Piper Methysticum by Gas Chromatography Methane Chemical Ionization Mass Spectrometry. New Constituents of Kava Resin." *Biological Mass Spectrometry* 13 (6): 305–13. <https://doi.org/10.1002/bms.1200130608>.

Duffield, P. H., and D. Jamieson. 1991. "Development of Tolerance to Kava in Mice." *Clinical and Experimental Pharmacology & Physiology* 18 (8): 571–78. <https://doi.org/10.1111/j.1440-1681.1991.tb01493.x>.

Duffield, P. H., D. D. Jamieson, and A. M. Duffield. 1989. "Effect of Aqueous and Lipid-Soluble Extracts of Kava on the Conditioned Avoidance Response in Rats." *Archives Internationales de Pharmacodynamie et de Therapie* 301: 81–90.
<https://www.ncbi.nlm.nih.gov/pubmed/2624519>.

Duve, R. N. 1981. "Gas-Liquid Chromatographic Determination of Major Constituents of Piper Methysticum." *The Analyst* 106 (1259): 160–65. <https://doi.org/10.1039/AN9810600160>.

Duve, R. N., and J. Prasad. 1983. "Changes In Chemical Composition Of 'Yaqona' With Time." *'Fiji Agric. J.* 45 (2): 45–50.

"ECFR :: 21 CFR Part 101 Subpart A -- General Provisions." n.d. Accessed January 5, 2023. <https://www.ecfr.gov/current/title-21/chapter-I/subchapter-B/part-101/subpart-A>.

"Effects of Kava on the Body's Elimination of Caffeine and Dextromethorphan." 2002. December 10, 2002. <https://clinicaltrials.gov/ct2/show/NCT00009542>.

Einbond, L. S., A. Negrin, D. M. Kulakowski, H-A Wu, V. Antonetti, F. Jalees, W. Law, et al. 2017. "Traditional Preparations of Kava (Piper Methysticum) Inhibit the Growth of Human Colon Cancer Cells in Vitro." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 24 (January): 1–13. <https://doi.org/10.1016/j.phymed.2016.11.002>.

El-Kholy, Shereen M. S., and Sherifa Abd El-Salam. 2011. "Kava Extract Drug: What Is the Actual Risk of Hepatotoxicity in Adult Male Albino Rats?" *Egyptian Journal of Histology* 34 (4): 697. <https://doi.org/10.1097/01.EHX.0000406556.84308.25>.

Ellingwood. 1919. "Kava Entry - American Materia Medica, Therapeutics and Pharmacognosy." *The American Materia Medica* 7.

Ellis, William. 1783. *An Authentic Narrative of a Voyage Performed by Captain Cook and Captain Clerke in His Majesty's Ships Resolution and Discovery During the Years 1776, 1777, 1778 and 1780 In Search of a North-West Passage Betwwen the Continents of Asia and America*. G. Robinson, J. Sewell, and J. Debrett.

Elvin-Lewis, M. 2001. "Should We Be Concerned about Herbal Remedies." *Journal of Ethnopharmacology* 75 (2-3): 141–64. [https://doi.org/10.1016/s0378-8741\(00\)00394-9](https://doi.org/10.1016/s0378-8741(00)00394-9).

Emerson, O. P. 1903. "The Awa Habit of the Hawaiians." *The Hawaiian Annual*, 130–40.

Emily Clark, Lice Movono, and Fletcher Yeung. 2022. "Would You Go to a Kava Bar? Producers of the Psychoactive Drink Want a Mainstream Market." Vanuatu Daily Post. February 12, 2022. https://www.dailypost.vu/news/would-you-go-to-a-kava-bar-producers-of-the-psychotropic-drink-want-a-mainstream/article_32031742-6bf4-5e35-9e23-452ba782a4f6.html.

Ernst, E. 2002. "Safety Concerns about Kava." *The Lancet* 359 (9320): 1865. [https://doi.org/10.1016/S0140-6736\(02\)08696-8](https://doi.org/10.1016/S0140-6736(02)08696-8).

———. 2007. "A Re-Evaluation of Kava (Piper Methysticum)." *British Journal of Clinical Pharmacology* 64 (4): 415–17. <https://doi.org/10.1111/j.1365-2125.2007.02932.x>.

Ernst, Edzard. 2002a. "The Risk-Benefit Profile of Commonly Used Herbal Therapies: Ginkgo, St. John's Wort, Ginseng, Echinacea, Saw Palmetto, and Kava." *Annals of Internal Medicine* 136 (1): 42–53. <https://doi.org/10.7326/0003-4819-136-1-200201010-00010>.

———. 2002b. "Second Thoughts about Kava." *The American Journal of Medicine* 113 (4): 347–48. [https://doi.org/10.1016/S0002-9343\(02\)01204-4](https://doi.org/10.1016/S0002-9343(02)01204-4).

Escher, M., J. Desmeules, E. Giostra, and G. Mentha. 2001. "Hepatitis Associated with Kava, a Herbal Remedy for Anxiety." *BMJ* 322 (7279): 139. <https://doi.org/10.1136/bmj.322.7279.139>.

Espritu, Frederic James V., Carlos Miguel T. Abilay, and Mr Jason Alcarez. 2012. "Effects of Kava Root Extract on the Liver Morphology of c57bl-6 Mus Musculus Mice." *APEC Youth Scientist Journal* 4: 137–44. http://www.amgs.or.kr/New/common/journal/vol4_no.13.PDF.

Extracts, Methysticum Hydroalcoholic, and Phytotherapics Of. 2015. "Antimicrobial Potential of Passiflora Alata and Piper Methysticum Hydroalcoholic Extracts, Phytotherapics of Anxiolytic-like Activity." *Nayara Pereira, Jéssica Rodrigues, Laura Vieira, Karine Teófilo, Flávio J.B. Figueiredo, Marcus V. Dias-Souza*, August. <https://www.researchgate.net/publication/281149862>.

"FAERS Kava Adverse Reports." 2022. Google Docs. November 17, 2022. https://docs.google.com/spreadsheets/d/1WP-51afXDK08VPwiotfJLQR-KIXtR_Hweky-3T_WMc0/edit?usp=sharing.

Farwell, O. A. 1917. "Kava." <https://books.google.com/books?id=NHggAQAAQAAJ&pg=RA1-PA246-IA8#v=onepage&q=kava&f=false>.

FDA ASKS PHYSICIANS TO ALERT AGENCY TO KAVA SUPPLEMENT PROBLEMS. 2002. Vol. 8. Inside Washington Publishers. <https://doi.org/10.2307/26709151>.

Fda, U. S. 2020. "Review of the Published Literature Pertaining to the Safety of Kava for Use in Conventional Foods." US FDA. <https://www.fda.gov/media/169556/download?attachment>.

Fehl, Dylan. 2013. "THE EFFECTS OF CURCUMIN AND FLAVOKAVAIN B ON THE ONCOLYTIC ACTIVITY OF VESICULAR STOMATITIS VIRUS." Appalachian State University. https://libres.uncg.edu/ir/asu/f/Fehl,%20Dylan_2013_Thesis.pdf.

Fehoko, E. 2013. "From Kava to Coffee: Tongan Young People in Auckland." *Mana Ngākau: Community Compassion Māori and*. https://www.academia.edu/download/33781543/From_Kava_to_Coffee_Tongan_Young_People_in_Auckland.pdf.

Fehoko, E., I. Hafoka, and A. Tecun. 2021. "Holding Tightly onto Land and People During a Pandemic: Kava Pedagogies and Tertiary Learning Relationships in Vahaope." *Researchgate.net*. https://www.researchgate.net/profile/Arcia-Tecun-Daniel-Hernandez/publication/349211981_Holding_Tightly_onto_Land_and_People_During_a_Pandemic_Kava_Pedagogies_and_Tertiary_Learning_Relationships_in_Vahaope/links/6025078ca6fdcc37a81a9fca/Holding-Tightly-onto-Land-and-People-During-a-Pandemic-Kava-Pedagogies-and-Tertiary-Learning-Relationships-in-Vahaope.pdf.

Feldman, Harry. 1980. "INFORMAL KAVA DRINKING IN TONGA." *The Journal of the Polynesian Society. Polynesian Society* 89 (1): 101–3. <http://www.jstor.org/stable/20705463>.

Feltenstein, Matt W., L. Corinne Lambdin, M. Ganzena, H. Ranjith, W. Dharmaratne, N. P. Dhammika Nanayakkara, Ikhlas A. Khan, and Kenneth J. Sufka. 2003. "Anxiolytic Properties of Piper Methysticum Extract Samples and Fractions in the Chick Social-Separation-Stress Procedure." *Phytotherapy Research: PTR* 17 (3): 210–16. <https://doi.org/10.1002/ptr.1107>.

Felter, Harvey Wickes, John Uri Lloyd, and Phr M. 1898. "Kava - Piper Methysticum." In *King's American Dispensatory*.

Ferger, Boris, Georg Boonen, Hanns Häberlein, and Klaus Kuschinsky. 1998. "In Vivo Microdialysis Study of (±)-Kavain on Veratridine-Induced Glutamate Release." *European Journal of Pharmacology* 347 (2): 211–14.

[https://doi.org/10.1016/S0014-2999\(98\)00234-9](https://doi.org/10.1016/S0014-2999(98)00234-9).

Feroz, Shevin R., Yue Jun Teoh, Saharuddin B. Mohamad, Sok Lai Hong, Sri N. A. Malek, and Saad Tayyab. 2015. "Interaction of Flavokawain B with Lysozyme: A Photophysical and Molecular Simulation Study." *Journal of Luminescence* 160 (April): 101–9. <https://doi.org/10.1016/j.jlumin.2014.11.053>.

Ferreira, Juliana Veloso, Alysson Vinícius Braga, Renes de Resende Machado, Deborah Michel, Gerson Antônio Pianetti, Anas El-Aneed, and Isabela Costa César. 2020. "Liquid Chromatography-Tandem Mass Spectrometry Bioanalytical Method for the Determination of Kavain in Mice Plasma: Application to a Pharmacokinetic Study." *Journal of Chromatography. B, Analytical Technologies in the Biomedical and Life Sciences* 1137 (January): 121939. <https://doi.org/10.1016/j.jchromb.2019.121939>.

Ferreira, Juliana Veloso, Isabella Campolina Pierotte, Gerson Antônio Pianetti, and Isabela Costa César. 2020. "Simultaneous Quantitation of Kavalactones in Kava Dry Extracts: Comparison of Multi-Standards and Single Standard Validation Approaches." *Phytochemical Analysis: PCA*, December. <https://doi.org/10.1002/pca.3019>.

Ferreira, Juliana Veloso, Isabella Campolina Pierotte, Felipe Fernandes Rodrigues, Larissa Camila Ribeiro de Souza, Rafael Wesley Bastos, Paulo Henrique Fonseca Carmo, Geovanni Dantas Cassali, et al. 2021. "Acute Oral Toxicity, Antinociceptive and Antimicrobial Activities of Kava Dried Extracts and Synthetic Kavain." *Natural Product Research*, September, 1–6. <https://doi.org/10.1080/14786419.2021.1973459>.

Fiji, Yaqona Grown in. 2014. "Development of a Yaqona Quality Manual: Survey of Varieties of Yaqona Grown in Fiji." Department of Foreign Affairs & Trade.

FIJI. Letter to European Union. 2005. "June 2005 SPS Committee Meeting (Fiji & Kava)." PROPOSED REGULATIONS FOR PIPER METHYSTICUM (KAVA-KAVA) (ID 220), June 2005. <https://epingalert.org/en/TradeConcerns/details?imsId=220&domainId=SPS>.

Finau, S. A., J. M. Stanhope, and I. A. Prior. 1982. "Kava, Alcohol and Tobacco Consumption among Tongans with Urbanization." *Social Science & Medicine* 16 (1): 35–41. [https://doi.org/10.1016/0277-9536\(82\)90421-x](https://doi.org/10.1016/0277-9536(82)90421-x).

Firth, Raymond. 1970. "Kava as Beverage and Libation." *The Journal of the Polynesian Society. Polynesian Society* 108 (1): 107–107. <http://www.jstor.org/stable/20706859>.

Flexner, James T. 2016. "Tanna: In the Shadow of the Volcano, 1839–1868." In *An Archaeology of Early Christianity in Vanuatu: Kastom and Religious Change on Tanna and Erromango, 1839–1920*, 59–96.

Flynn, M. 1991. "Supply of Kava: Is It Another 'Aboriginal'offence." *Aboriginal Law Bull.* <http://classic.austlii.edu.au/journals/AboriginalLawB/1991/63.html>.

Flynn, Nicole. 2016. "Comparison of the Anxiolytic Effects of Diazepam and Kava on Behaviour in Rats." Master of Arts, University of Canterbury. <http://ir.canterbury.ac.nz/handle/10092/12806>.

Folmer, Florence, Romain Blasius, Franck Morceau, Jioji Tabudravu, Mario Dicato, Marcel Jaspars, and Marc Diederich. 2006. "Inhibition of TNF α -Induced Activation of Nuclear Factor κ B by Kava (Piper Methysticum) Derivatives." *Biochemical Pharmacology* 71 (8): 1206–18. <https://doi.org/10.1016/j.bcp.2005.12.032>.

Foo, H., and J. Lemon. 1997. "Acute Effects of Kava, Alone or in Combination with Alcohol, on Subjective Measures of Impairment and Intoxication and on Cognitive Performance." *Drug and Alcohol Review* 16 (2): 147–55.

<https://doi.org/10.1080/09595239700186441>.

Food & Drug Administration. 2022. "21 CFR Part 111 - Food and Drugs." 21 CFR Part 111. FDA.

Food and Agriculture Organization of the United Nations, and WHO. 2016. "Kava: A Review of the Safety of Traditional and Recreational Beverage Consumption."

"Food and Dietary Supplement Regulations Compared." n.d. Accessed August 16, 2023.
<https://www.crnusa.org/resources/food-and-dietary-supplement-regulations-compared>.

Food Standards Australia New Zealand. 2001. "Imported Food Risk Statement Kava (*Piper Methysticum*)."
Standard 2.6.3.

———. 2004. "KAVA A Human Health Risk Assessment." 30.

Forbes, Litton. 1875. "Kava Drinking." In *Two Years In Fiji*, 208–13, 253–54. London: Longmans, Green & Co.

Ford, Clellan S. 1967. "Ethnographical Aspects of Kava." In *Ethnopharmacologic Search for Psychoactive Drugs*, 162–73.

Forster, Johann Reinhold. 1778. *Observations Made During a Voyage Round the World, on Physical Geography, Natural History, and Ethic Philosophy*. The University of California.

Fragoulis, Athanassios, Stephanie Siegl, Markus Fendt, Sandra Jansen, Ulf Soppa, Lars-Ove Brandenburg, Thomas Pufe, Joachim Weis, and Christoph Jan Wruck. 2017. "Oral Administration of Methysticin Improves Cognitive Deficits in a Mouse Model of Alzheimer's Disease." *Redox Biology* 12 (August): 843–53. <https://doi.org/10.1016/j.redox.2017.04.024>.

Freeman, Breanne, Jessica Mamallapalli, Tengfei Bian, Kayleigh Ballas, Allison Lynch, Alexander Scala, Zhiguang Huo, et al. 2023. "Opportunities and Challenges of Kava in Lung Cancer Prevention." *International Journal of Molecular Sciences*, May. <https://doi.org/10.3390/ijms24119539>.

Friese, J., and J. Gleitz. 1998. "Kavain, Dihydrokavain, and Dihydromethysticin Non-Competitively Inhibit the Specific Binding of [3H]-Batrachotoxinin-A 20-Alpha-Benzoate to Receptor Site 2 of Voltage-Gated Na⁺ Channels." *Planta Medica* 64 (5): 458–59. <https://doi.org/10.1055/s-2006-957482>.

FSANZ. 2003. "FSANZ Kava DRAFT ASSESSMENT REPORT 2003." Food Standards Australia New Zealand.

———. 2021a. "FSANZ Kava Standard Proposal P1057 - Call for Public Submissions."

———. 2021b. "Proposal P1057 - Review of the Kava Standard." P1057. Food Standards Australia New Zealand.

———. 2021c. "Call for Submissions – Urgent Proposal P1057 Review of the Kava Standard INITIAL CONSIDERATION REPORT." <https://www.foodstandards.gov.au/code/proposals/Documents/P1057%20CFS%20Initial%20consideration.pdf>.

———. 2021d. "Kava (*Piper Methysticum*) Beverage for Traditional and Recreational Use." 183-21. FSANZ.

———. 2022a. "Imported Food Risk Statement - Kava (*Piper Methysticum*)."
Australia / New Zealand.

———. 2022b. "Consideration of Labelling Matters about Kava 12 Month Review of Proposal P1057." 216-22. FSANZ.

Fu, Dong, and Iqbal Ramzan. 2015. "Use of Kava as a Phytotherapeutic Agent and Kava-Related Hepatotoxicity."

Phytotherapies, 312–29. <https://doi.org/10.1002/9781119006039.ch13>.

Fu, Peter P., Qingsu Xia, Lei Guo, Hongtao Yu, and Po-Chuen Chan. 2008. “Toxicity of Kava Kava.” *Journal of Environmental Science and Health. Part C, Environmental Carcinogenesis & Ecotoxicology Reviews* 26 (1): 89–112. <https://doi.org/10.1080/10590500801907407>.

Fu, Shuang, Emine Korkmaz, Filip Braet, Quan Ngo, and Iqbal Ramzan. 2008. “Influence of Kavain on Hepatic Ultrastructure.” *World Journal of Gastroenterology: WJG* 14 (4): 541–46. <https://doi.org/10.3748/wjg.14.541>.

Fu, Shuang, J. Perl, S. Jennings, and M. Hepburn. 2019. “Kava Influence on Driving Skills: A Case Study.” In *Conference Proceedings: 22nd International Council on Alcohol, Drugs and Traffic Safety Conference*, 145–48. vpp-seidl.de. https://vpp-seidl.de/ueber-uns/t2019/content_117567/ICADTS_T2019_ConferenceProceedings.pdf#page=146.

Fu, Shuang, Anthony Rowe, and Iqbal Ramzan. 2012a. “Kavalactone Metabolism in Rat Liver Microsomes.” *Phytotherapy Research: PTR* 26 (7): 1057–61. <https://doi.org/10.1002/ptr.3695>.

—. 2012b. “Kavalactone Metabolism in the Isolated Perfused Rat Liver.” *Phytotherapy Research: PTR* 26 (12): 1813–16. <https://doi.org/10.1002/ptr.4656>.

Fu, Shuang, Bruce N. Tattam, Colin C. Duke, and Iqbal Ramzan. 2009. “High-Performance Liquid Chromatography Assays for Desmethoxyyangonin, Methysticin, Kavain and Their Microsomal Metabolites.” *Biomedical Chromatography: BMC* 23 (1): 81–91. <https://doi.org/10.1002/bmc.1087>.

Fugh-Berman, A., and E. Ernst. 2001. “Herb-Drug Interactions: Review and Assessment of Report Reliability.” *British Journal of Clinical Pharmacology* 52 (5): 587–95. <https://doi.org/10.1046/j.0306-5251.2001.01469.x>.

Furgiuele, A. R., N. R. Farnsworth, and J. P. Buckley. 1962. “False-Positive Alkaloid Reactions Obtained with Extracts of Piper Methysticum.” *Journal of Pharmaceutical Sciences* 51 (December): 1156–62. <https://doi.org/10.1002/jps.2600511210>.

Furgiuele, A. R., W. J. Kinnard, M. D. Aceto, and J. P. Buckley. 1965. “CENTRAL ACTIVITY OF AQUEOUS EXTRACTS OF PIPER METHYSTICUM (KAVA).” *Journal of Pharmaceutical Sciences* 54 (February): 247–52. <https://doi.org/10.1002/jps.2600540218>.

Gajdusek, Carleton. 1967. “Recent Observations on the Use of Kava in the New Hebrides.” In *Ethnopharmacologic Search for Psychoactive Drugs*, 119–25.

Garner, L. F., and J. D. Klinger. 1985. “Some Visual Effects Caused by the Beverage Kava.” *Ethnopharmacol.* 13 (3): 307–11. [https://doi.org/10.1016/0378-8741\(85\)90076-5](https://doi.org/10.1016/0378-8741(85)90076-5).

Garrett, Kennon M., Garo Basmadjian, Ikhlas A. Khan, Brian T. Schaneberg, and Thomas W. Seale. 2003. “Extracts of Kava (Piper Methysticum) Induce Acute Anxiolytic-like Behavioral Changes in Mice.” *Psychopharmacology* 170 (1): 33–41. <https://doi.org/10.1007/s00213-003-1520-0>.

Gastpar, M., and H. D. Klimm. 2003. “Treatment of Anxiety, Tension and Restlessness States with Kava Special Extract WS 1490 in General Practice: A Randomized Placebo-Controlled Double-Blind Multicenter Trial.” *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 10 (8): 631–39. <https://doi.org/10.1078/0944-7113-00369>.

Gatty, Ronald. 1956. "Kava—polynesian Beverage Shrub." *Economic Botany* 10 (3): 241–49. <https://doi.org/10.1007/BF02898999>.

Gau, Loren D., Rachel Li, and H. C. Bittenbender. n.d. "Preparing Kava: Optimizing Kavalactone Extraction in Water."

Gautz, Loren D., Pakieli Kaufusi, Mel C. Jackson, Harry C. Bittenbender, and Chung-Shih Tang. 2006. "Determination of Kavalactones in Dried Kava (*Piper Methysticum*) Powder Using near-Infrared Reflectance Spectroscopy and Partial Least-Squares Regression." *Journal of Agricultural and Food Chemistry* 54 (17): 6147–52. <https://doi.org/10.1021/jf060964v>.

Geare, R. I. 1909. "Kava Drinking." *National Druggist Magazine*, 1909.

Geier, F. P., and T. Konstantinowicz. 2004. "Kava Treatment in Patients with Anxiety." *Phytotherapy Research: PTR* 18 (4): 297–300. <https://doi.org/10.1002/ptr.1422>.

Gendle, M. H., A. K. Stroman, and D. P. Mullin. 2011. "Effect of an Acute Dose of Crude Kava Root Extract on Problem Solving in Healthy Young Adults." *Australian Journal of Medical Herbalism* 23 (4): 160–63. <https://search.informit.org/doi/abs/10.3316/informit.858304482995950>.

Gerren, Andrew. 2017. "Effects of Varietal Diversity on Knowledge of Kava (*Piper Methysticum*) in the Pacific." *University of Hawaii at Manoa*, May. <http://128.171.57.22/handle/10125/56539>.

Gifford, Edward Winslow. 1924. "TALES ABOUT LOAU AND THE ORIGIN OF KAVA." In *Tongan Myths and Tales*, edited by Edward Winslow Gifford, 71–86. Honolulu: Hawaii Museum.

Girman, Andrea, Roberta Lee, and Benjamin Kligler. 2003. "An Integrative Medicine Approach to Premenstrual Syndrome." *American Journal of Obstetrics and Gynecology* 188 (5 Suppl): S56–65. <https://doi.org/10.1067/mob.2003.403>.

Gleitz, J., A. Beile, and T. Peters. 1996. "(+/-)-Kavain Inhibits the Veratridine- and KCl-Induced Increase in Intracellular Ca²⁺ and Glutamate-Release of Rat Cerebrocortical Synaptosomes." *Neuropharmacology* 35 (2): 179–86. [https://doi.org/10.1016/0028-3908\(95\)00163-8](https://doi.org/10.1016/0028-3908(95)00163-8).

Gleitz, J., A. Beile, P. Wilkens, A. Ameri, and Peters T. 1997. "Gleitz1' et Al. - 1997 - Antithrombotic Action of the Kava Pyrone (-)-Kavain Prepared from *Piper Methysticum* on Human Platelets." *Planta Medica* 63 (1): 27–30. <https://doi.org/10.1055/s-2006-957597>.

Gleitz, J., J. Friese, A. Beile, A. Ameri, and T. Peters. 1996. "Anticonvulsive Action of (+/-)-Kavain Estimated from Its Properties on Stimulated Synaptosomes and Na⁺ Channel Receptor Sites." *European Journal of Pharmacology* 315 (1): 89–97. [https://doi.org/10.1016/s0014-2999\(96\)00550-x](https://doi.org/10.1016/s0014-2999(96)00550-x).

Gleitz, J., N. Gottner, A. Ameri, and T. Peters. 1996. "Kavain Inhibits Non-Stereospecifically Veratridine-Activated Na⁺ Channels." *Planta Medica* 62 (6): 580–81. <https://doi.org/10.1055/s-2006-957981>.

Gleitz, J., C. Tosch, A. Beile, and T. Peters. 1996. "The Protective Action of Tetrodotoxin and (+/-)-Kavain on Anaerobic Glycolysis, ATP Content and Intracellular Na⁺ and Ca²⁺ of Anoxic Brain Vesicles." *Neuropharmacology* 35 (12): 1743–52. [https://doi.org/10.1016/s0028-3908\(96\)00106-2](https://doi.org/10.1016/s0028-3908(96)00106-2).

Goldberg, Carey. 2019. "MIT Scientists Synthesize the Feel-Good Molecules in Kava, 'Nature's Xanax'." WBUR. August 2, 2019. <https://www.wbur.org/news/2019/08/02/mit-scientists-kava-whitehead-kavalactones>.

Gottlieb, Otto, and Walter Mors. 1959. "Notes: Identity of Compound A from Kava Root with 5,6-Dehydrokavain." *The Journal of Organic Chemistry* 24 (10): 1614–15. <https://doi.org/10.1021/jo01092a636>.

Government of Tonga. 2020. "Tonga Kava Quality Standard." PHAMA. 2020. https://phamaplus.com.au/wpcontent/uploads/2020/06/Tonga_Kava_Quality_Standard_Final_e-copy-1.pdf.

Gow, Paul J., Nathan J. Connelly, Richard L. Hill, Peter Crowley, and Peter W. Angus. 2003. "Fatal Fulminant Hepatic Failure Induced by a Natural Therapy Containing Kava." *The Medical Journal of Australia* 178 (9): 442–43. <https://doi.org/10.5694/j.1326-5377.2003.tb05286.x>.

Gow, Robert, Brian Pierce, and William Birdsall. 2006. Method of producing a processed kava product having an altered kavalactone distribution and processed kava products produced using the same. United States 7029707B2. Patent, filed 2006, and issued 2006.

Grace, Robert. 2005. "Kava-Induced Urticaria." *Journal of the American Academy of Dermatology* 53 (5): 906. <https://doi.org/10.1016/j.jaad.2005.04.068>.

Grace, Robert F. 2003. "Kava Drinking in Vanuatu--a Hospital Based Survey." *Pacific Health Dialog* 10 (2): 41–44. <https://www.ncbi.nlm.nih.gov/pubmed/18181414>.

Gregory, R. J., J. E. Gregory, and J. G. Peck. 1981. "Kava and Prohibition in Tanna, Vanuatu." *British Journal of Addiction* 76 (3): 299–313. <https://doi.org/10.1111/j.1360-0443.1981.tb00236.x>.

Grennell, Jeremy. 2022. "Kava and the Australian Market - 2022 Market Reality." Presented at the Pacific Trade Invest - Australia, Digital.

Grossman, Lev. 2002. "The Curious Case of Kava." *Time* 159 (14): 58. <https://www.ncbi.nlm.nih.gov/pubmed/11951318>.

Groth-Marnat, G., S. Leslie, and M. Renneker. 1996. "Tobacco Control in a Traditional Fijian Village: Indigenous Methods of Smoking Cessation and Relapse Prevention." *Social Science & Medicine* 43 (4): 473–77. [https://doi.org/10.1016/0277-9536\(95\)00425-4](https://doi.org/10.1016/0277-9536(95)00425-4).

Gruenwald J, Freder J. 2002. "Kava: The Present European Situation." *Nutraceuticals World*.

Gruenwald, Joerg. 2004. "Kava Stakeholders Plan Regulatory Review and Market Return." *The Journal of the American Botanical Council* 1 (61): 69–70.

Gruenwald, Joerg, and Realize Ag. 2002. "International Alliance for Kava." Phytopharm Research.

Gruenwald, Joerg, Cordula Mueller, and Skrabal Juergen. 2003. "In-Depth Investigation Into EU Member States Market Restrictions On Kava Products." Centre for the Development of Enterprise.

Gruenwald, Joerg, and Juergen Skrabal. 2003. "Kava Ban Highly Questionable: A Brief Summary of the Main Scientific Findings Presented in the "in Depth Investigation on Eu Member States Market Restrictions on Kava Products." *Seminars in Integrative Medicine* 1 (4): 199–210. <https://doi.org/10.1016/j.sigm.2004.01.001>.

Grunze, Heinz, Jens Langosch, Karin Schirrmacher, Dieter Bingmann, Jörg von Wegerer, and Jörg Walden. 2001. "Kava Pyrones Exert Effects on Neuronal Transmission and Transmembraneous Cation Currents Similar to Established Mood

Stabilizers - a Review." *Progress in Neuro-Psychopharmacology & Biological Psychiatry* 25 (8): 1555–70.
[https://doi.org/10.1016/S0278-5846\(01\)00208-1](https://doi.org/10.1016/S0278-5846(01)00208-1).

Guo, Lei, Quanzhen Li, Qingsu Xia, Stacey Dial, Po-Chuen Chan, and Peter Fu. 2009. "Analysis of Gene Expression Changes of Drug Metabolizing Enzymes in the Livers of F344 Rats Following Oral Treatment with Kava Extract." *Food and Chemical Toxicology: An International Journal Published for the British Industrial Biological Research Association* 47 (2): 433–42.
<https://doi.org/10.1016/j.fct.2008.11.037>.

Guo, Lei, Qiang Shi, Stacey Dial, Qingsu Xia, Nan Mei, Quan-Zhen Li, Po-Chuen Chan, and Peter Fu. 2010. "Gene Expression Profiling in Male B6C3F1 Mouse Livers Exposed to Kava Identifies--Changes in Drug Metabolizing Genes and Potential Mechanisms Linked to Kava Toxicity." *Food and Chemical Toxicology: An International Journal Published for the British Industrial Biological Research Association* 48 (2): 686–96. <https://doi.org/10.1016/j.fct.2009.11.050>.

Gurgel Andrade Pedrosa, Elaine Cristina, Ana Paula Carvalho Bezerra, Ianara Mendonça da Costa, Francisco Irochima Pinheiro, and Fausto Pierdoná Guzen. 2020. "Neuroprotective Profile of Piper Methysticum (Kava Kava) and Its Effects on the Central Nervous System: A Systematic Review." *Journal of Pharmacological Chemistry and Biological Sciences* 2 (1): 55–84. <https://doi.org/10.36619/jpcbs.2020.2.56.80>.

Gurley, B. J., A. Swain, M. A. Hubbard, F. Hartsfield, J. Thaden, D. K. Williams, W. B. Gentry, and Y. Tong. 2008. "Supplementation with Goldenseal (*Hydrastis Canadensis*), but Not Kava Kava (*Piper Methysticum*), Inhibits Human CYP3A Activity in Vivo." *Clinical Pharmacology and Therapeutics* 83 (1): 61–69. <https://doi.org/10.1038/sj.cpt.6100222>.

Gurley, Bill J., Stephanie F. Gardner, Martha A. Hubbard, D. Keith Williams, W. Brooks Gentry, Ikhlas A. Khan, and Amit Shah. 2005. "In Vivo Effects of Goldenseal, Kava Kava, Black Cohosh, and Valerian on Human Cytochrome P450 1A2, 2D6, 2E1, and 3A4/5 Phenotypes." *Clinical Pharmacology and Therapeutics* 77 (5): 415–26.
<https://doi.org/10.1016/j.clpt.2005.01.009>.

Gurley, Bill J., Ashley Swain, Gary W. Barone, D. Keith Williams, Philip Breen, C. Ryan Yates, Leslie B. Stuart, Martha A. Hubbard, Yudong Tong, and Sreekar Cheboyina. 2007. "Effect of Goldenseal (*Hydrastis Canadensis*) and Kava Kava (*Piper Methysticum*) Supplementation on Digoxin Pharmacokinetics in Humans." *Drug Metabolism and Disposition: The Biological Fate of Chemicals* 35 (2): 240–45. <https://doi.org/10.1124/dmd.106.012708>.

Gurley, Bill J., Ashley Swain, Martha A. Hubbard, D. Keith Williams, Gary Barone, Faith Hartsfield, Yudong Tong, Danielle J. Carrier, Shreekar Cheboyina, and Sunil K. Battu. 2008. "Clinical Assessment of CYP2D6-Mediated Herb-Drug Interactions in Humans: Effects of Milk Thistle, Black Cohosh, Goldenseal, Kava Kava, St. John's Wort, and Echinacea." *Molecular Nutrition & Food Research* 52 (7): 755–63. <https://doi.org/10.1002/mnfr.200600300>.

Guro-Razuman, S., P. Anand, Q. Hu, and R. Mir. 1999. "Dermatomyositis-like Illness Following Kava-Kava Ingestion." *Journal of Clinical Rheumatology: Practical Reports on Rheumatic & Musculoskeletal Diseases* 5 (6): 342–45.
<https://doi.org/10.1097/00124743-199912000-00008>.

H.B. NO. 2494 - 'Awa; Official State Beverage of Hawaii. 2018.
https://www.capitol.hawaii.gov/session2018/bills/HB2494_.HTM.

Haddon, A. C. 1916. "Kava-Drinking in New Guinea." *Man* 16: 145–52. <https://doi.org/10.2307/2787543>.

Hamid, Hazrulrizawati A., Aizi N. M. Ramli, and Mashitah M. Yusoff. 2017. "Indole Alkaloids from Plants as Potential Leads for Antidepressant Drugs: A Mini Review." *Frontiers in Pharmacology* 8 (February): 96.
<https://doi.org/10.3389/fphar.2017.00096>.

Hamilton, Scott. 2017. "In Praise of Kava." The Spinoff. August 5, 2017. <https://thespinoff.co.nz/society/05-08-2017/in-praise-of-kava>.

Hannam, Sarah, Michael Murray, Lucia Romani, Meciusela Tuicakau, and Margot J Whitfeld. 2014. "Kava Dermopathy in Fiji: An Acquired Ichthyosis?" *International Journal of Dermatology* 53 (12): 1490–94. <https://doi.org/10.1111/ijd.12546>.

Hänsel, R., L. Langhammer, and H. Rimpler. 1967. "[Analytical studies on kava-lactones: UV-absorption metric examinations]." *Archiv der Pharmazie und Berichte der Deutschen Pharmazeutischen Gesellschaft* 300 (2): 157–68. <https://doi.org/10.1002/ardp.19673000212>.

Hansel, Rudolph, ed. 1991. "Herbal Tranquillizers." In *Phytopharma: Grundlagen Und Praxis*, 249–51. Berlin, Heidelberg: Springer. https://doi.org/10.1007/978-3-642-97166-2_22.

HANSELI, R. 1968. "Characterization and Physiological Activity of Some Kawa Constituents." *Pacific Science* 22: 293–313.

Harrison, Todd A. 2018. "Freedom of Information Request - Lova Kava Eugene Oregon."

Hasan, Mohammed A. 2021. "The Correlation of Histopathological Findings with Ultrastructural Changes in Hepatocytes after Yangonin 'Ya'-Intoxicated Rats Alone and In Combination with EtOH: Sub-Acute & Sub-Chronic Study." In *Journal of Physics: Conference Series*, 1879:022005. IOP Publishing. <https://iopscience.iop.org/article/10.1088/1742-6596/1879/2/022005/meta>.

Hashimoto, T., M. Suganuma, H. Fujiki, M. Yamada, T. Kohno, and Y. Asakawa. 2003. "Isolation and Synthesis of TNF-Alpha Release Inhibitors from Fijian Kawa (*Piper Methysticum*)." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 10 (4): 309–17. <https://doi.org/10.1078/094471103322004802>.

He, Qin, Wenping Liu, Sha Sha, Shanshan Fan, Yajing Yu, Li Chen, and Ming Dong. 2018. "Adenosine 5'-Monophosphate-Activated Protein Kinase-Dependent mTOR Pathway Is Involved in Flavokawain B-Induced Autophagy in Thyroid Cancer Cells." *Cancer Science* 109 (8): 2576–89. <https://doi.org/10.1111/cas.13699>.

He, X. G., L. Z. Lin, and L. Z. Lian. 1997. "Electrospray High Performance Liquid Chromatography-Mass Spectrometry in Phytochemical Analysis of Kava (*Piper Methysticum*) Extract." *Planta Medica* 63 (1): 70–74. <https://doi.org/10.1055/s-2006-957608>.

Health, and Aged Care. 2022. "Australia New Zealand Food Standards Code – Standard 2.6.3 – Kava." 2.6.3. Attorney-General's Department. <https://www.legislation.gov.au/Details/F2022C00387>.

Health Canada. 2002. "Health Canada Issues a Stop-Sale Order for All Products Containing Kava." New Hope Network. August 22, 2002. <https://www.newhope.com/supply-news-amp-analysis/health-canada-issues-stop-sale-order-all-products-containing-kava>.

Health Organization, World. 1985. "The Joint WHO/SPC Survey of Cardiovascular Diseases and Diabetes Mellitus in Vanuatu, 12-30 August 1985: Report." [apps.who.int](https://apps.who.int/iris/bitstream/handle/10665/207135/WP_NCD_ICP_CVD_001_19850812_eng). 1985. https://apps.who.int/iris/bitstream/handle/10665/207135/WP_NCD_ICP_CVD_001_19850812_eng.

Heaton, Thomas. 2023. "Hawaii Kava Growers Hope to Convince Food Regulators It's Safe to Eat." Honolulu Civil Beat. Civil Beat. July 9, 2023. <https://www.civilbeat.org/2023/07/hawaii-kava-growers-hope-to-convince-food-regulators-its-safe-to-eat/>.

- Hegazy, Nada Hany, Hans-Georg Breitinger, and Ulrike Breitinger. 2019. "Kavalactones from Kava (*Piper Methysticum*) Root Extract as Modulators of Recombinant Human Glycine Receptors." *Biological Chemistry* 400 (9): 1205–15. <https://doi.org/10.1515/hsz-2019-0112>.
- Heinze, H. J. 1994. "Pharmacopsychological EfTects of Oxazepam and Kava-Extract in a Visual Search Paradigm Assessed with Event-Related Potentials." *Phannacopsychiat.* 27: 224–30.
- Heinze, H. J., T. F. Münthe, J. Steitz, and M. Matzke. 1994. "Pharmacopsychological Effects of Oxazepam and Kava-Extract in a Visual Search Paradigm Assessed with Event-Related Potentials." *Pharmacopsychiatry* 27 (6): 224–30. <https://doi.org/10.1055/s-2007-1014309>.
- Helu, Futa. 1993. "Identity and change in Tongan society since European contact." *Journal de la Societe des oceanistes* 97 (2): 187–94. <https://doi.org/10.3406/jso.1993.2934>.
- Henry, Todd M. 2022. "Visual Peregrinations in the Realm of Kava." *Pacific Journalism Review* 28 (1&2): 206–21. <https://ojs.aut.ac.nz/pacific.../article/view/1252/1573>.
- Henry, Todd M., and Aporosa Apo S. 2021. "The Virtual Faikava: Maintaining vā and Creating Online Learning Spaces during COVID-19." *Waikato Journal of Education* 26. <https://doi.org/10.15663/wje.v26i1.775>.
- Herath, H. M. P. Dilrukshi, Aya C. Taki, Nghi Nguyen, José Garcia-Bustos, Andreas Hofmann, Tao Wang, Guangxu Ma, et al. 2020. "Synthetic Kavalactone Analogues with Increased Potency and Selective Anthelmintic Activity against Larvae of *Haemonchus Contortus* In Vitro." *Molecules* 25 (8). <https://doi.org/10.3390/molecules25082004>.
- Herberg. 1991. "Ability to Drive after Taking Kava Special Extract: WS1490." *Z Allg Md*, no. 67: 842–46.
- Herberg, K. W. 1993. "Zurn Influence of Kava Special Extract WS 1490 in Combination with Ethyl Alcohol on Safety-Relevant Performance Parameters." *BLOOD ALCOHOL*.
- . 1996. "Alltagssicherheit Unter Kava-Kava-Extrakt, Bromazepam Und Deren Kombination. (Safety of Kava Extract and Bromazepam Combo)." *Z. Allg. Med.*, no. 72: 973–77.
- . 1997. "Does Kava Extract in Combination with Ethyl Alcohol Affect Driving Safety?" *Naturamed*, no. 12: 31–39.
- Hj, Kretzschmar R. Meyer Hj. 1970. "Strychnine Antagonistic Potency of Pyrone Compounds of the Kava Root (*Piper Methysticum* Forst.)." *Experientia* 15 (26): 283–84. <https://doi.org/10.1007/BF01900097>.
- Hocart, C. H., B. Fankhauser, and D. W. Buckle. 1993. "Chemical Archaeology of Kava, a Potent Brew." *Rapid Communications in Mass Spectrometry: RCM* 7 (3): 219–24. <https://doi.org/10.1002/rcm.1290070311>.
- Hoerschelmann, Dorothee von. 1995. "The Religious Meaning of the Samoan Kava Ceremony." *Anthropos* 90 (1/3): 193–95. <http://www.jstor.org/stable/40463113>.
- Hoffstadt, Rachel E. 1916. "The Vascular Anatomy of *Piper Methysticum*." *Botanical Gazette* 62 (2): 115–32. <https://doi.org/10.1086/331876>.
- Hofmann, A. 1959. "Psychotomimetic Drugs." *Acta Physiologica et Pharmacologica Neerlandica* 8: 240–58. https://www.samorini.it/doc1/alt_aut/ek/hofmann-psychotomimetic-drugs.pdf.

- Holm, E., U. Staedt, J. Heep, C. Kortsik, F. Behne, A. Kaske, and I. Mennicke. 1991. "The action profile of D,L-kavain. Cerebral sites and sleep-wakefulness-rhythm in animals." *Arzneimittel-Forschung* 41 (7): 673–83.
- <https://www.ncbi.nlm.nih.gov/pubmed/1772452>.
- Holmes, L. D. 1967. "Piper Methysticum (kava). The Function of Kava in Modern Samoan Culture." *Psychopharmacology Bulletin* 4 (3): 9. <https://www.ncbi.nlm.nih.gov/pubmed/5615555>.
- Holmes, Lowell D. 1967. "Ethnopharmacologic Search for Psychoactive Drugs." In *The Function of Kava in Modern Samoan Culture*, 14. National Institute of Mental Health.
- Home, E. 1847. "On the Native Cloth and on the Kava of the South Sea Islanders." *Curtis's Botanical Magazine*, 1847.
- Hong, Nguyen Huu, Tran Dang Xuan, Tsuzuki Eiji, Mitsuhiro Matsuo, and Ogushi Yuichi. 2002. "Evaluation of the Allelopathic Potential of Kava (Piper Methysticum L.) for Weed Control in Rice." *Weed Biology and Management* 2 (3): 143–47. <https://doi.org/10.1046/j.1445-6664.2002.00062.x>.
- "Honolulu Star-Bulletin News." n.d. Accessed December 29, 2022.
<http://archives.starbulletin.com/2002/08/18/news/index6.html>.
- Hoover, Jason M., Alan D. Kaye, Ikhlass N. Ibrahim, Aaron M. Fields, and Todd A. Richards. 2006. "Analysis of Responses to Kava Kava in the Feline Pulmonary Vascular Bed." *Journal of Medicinal Food* 9 (1): 62–71.
<https://doi.org/10.1089/jmf.2006.9.62>.
- Hough, Walter. 1905. "Kava Drinking as Practised by the Papuans and Polynesians." *Smithsonian Miscellaneous Collections*. https://repository.si.edu/bitstream/handle/10088/23253/SMC_47_Hough_1905_5_85-92.pdf.
- House of Commons, and Westminster. 2003. "Kava-Kava in Food (England) Regulations 2002 and Medicines for Human Use (Kava-Kava) Prohibition Order 2002." The Stationery Office Ltd. January 30, 2003.
<https://publications.parliament.uk/pa/cm200203/cmstand/deleg5/st030130/30130s01.htm>.
- Hsu, S. Y., M. H. Lin, L. C. Lin, and C. J. Chou. 1994. "Toxicologic Studies of Dihydro-5,6-Dehydrokawain and 5,6-Dehydrokawain." *Planta Medica* 60 (1): 88–90. <https://doi.org/10.1055/s-2006-959417>.
- Hu, Qi, Pedro Corral, Sreekanth C. Narayananpillai, Pablo Leitzman, Pramod Upadhyaya, M. Gerard O'Sullivan, Stephen S. Hecht, Junxuan Lu, and Chengguo Xing. 2020. "Oral Dosing of Dihydromethysticin Ahead of Tobacco Carcinogen NNK Effectively Prevents Lung Tumorigenesis in A/J Mice." *Chemical Research in Toxicology* 33 (7): 1980–88.
<https://doi.org/10.1021/acs.chemrestox.0c00161>.
- Hua, Rong, Yaofei Pei, Haiyong Gu, Yifeng Sun, and Yi He. 2020. "Antitumor Effects of Flavokawain-B Flavonoid in Gemcitabine-Resistant Lung Cancer Cells Are Mediated via Mitochondrial-Mediated Apoptosis, ROS Production, Cell Migration and Cell Invasion Inhibition and Blocking of PI3K/AKT Signaling Pathway." *Journal of B.U.ON.: Official Journal of the Balkan Union of Oncology* 25: 262–67. <https://www.jbuon.com/archive/25-1-262.pdf>.
- Huang, Ying, Sandra Hoefgen, Fabio Gherlone, and Vito Valiante. 2022. "Intrinsic Ability of the β-Oxidation Pathway To Produce Bioactive Styrylpyrones." *Angewandte Chemie* 61 (34): e202206851. <https://doi.org/10.1002/anie.202206851>.
- Huck, Olivier, Xiaxian Han, Hannah Mulhall, Iryna Gumenchuk, Bin Cai, James Panek, Radha Iyer, and Salomon Amar. 2019. "Identification of a Kavain Analog with Efficient Anti-Inflammatory Effects." *Scientific Reports* 9 (1): 12940.

<https://doi.org/10.1038/s41598-019-49383-8>.

Huffman, Kirk. 2011. "Kava: 'pacific' Gift to the World?" *Explore* 33 (4): 21–23.

———. 2012. "Kava: A Pacific Elixir."

———. 2013. "Exchange, Community and Value." In *Exchange, Community and Value*, edited by L. Bolton, N. Thomas, E. Bonshek, J. Adams, and B. Burt, 287–93. British Museum Press.

———. 2019. "Oceania's Kastom Ekonomi." In *Pluriverse - A Post-Development Dictionary*, edited by A. Kothari, A. Salleh, F. D. Escobar, and A. Acosta, 15–18. New Delhi, India: Tulika Books.

———. n.d. "Thinking about Kava." Ibiza History Culture. Accessed February 13, 2023.

https://www.ibizahistoryculture.com/ibiza_anthropology/champagne_ibiza_1.htm.

Hull, Kate. 2023. "Kava Drinks Are Popular as Alcohol-Alternative Mood Boosters, but a Doctor Said It Can Lead to Liver Damage." Insider. October 17, 2023. <https://www.insider.com/kava-drink-alcohol-alternative-liver-damage-effects-2023-10>.

Humberston, C. L., J. Akhtar, and E. P. Krenzelok. 2003. "Acute Hepatitis Induced by Kava Kava." *Journal of Toxicology. Clinical Toxicology* 41 (2): 109–13. <https://doi.org/10.1081/ct-120019123>.

Husney, Adam. 2020. "Kava - University of Michigan Health." Michigan Medicine - University of Michigan Health. September 23, 2020. <https://www.uofmhealth.org/health-library/tn7356spec>.

Hussein, Anan. 2015. "A Closer Look at the Risks vs. Benefits of Kava (*Piper Methysticum*)." *Journal of Student Research* 4 (2): 69–72. <https://doi.org/10.47611/jsrv4i2.245>.

Huynh, J. C., M. M. Asgari, and M. M. Moore. 2014. "Seborropic Eruption Associated with Use of Oral Kava Kava Supplement." *Clinical and Experimental Dermatology* 39 (7): 816–18. <https://doi.org/10.1111/ced.12439>.

Hygiene, Food. 2009. "STATE OF FLORIDA - Food Hygiene." Department of Health.

IARC. 2013. "Kava." In *Some Drugs and Herbal Products*, 117–40.

"IAS Food Testing Key Technical Person Contributes to BUA Province Farmers Training on Kava Quality and Standards and Kava Taskforce Meetings." 2020. University of the South Pacific. November 10, 2020. <https://www.usp.ac.fj/news/ias-food-testing-key-technical-person-contributes-to-bua-province-farmers-training-on-kava-quality-and-standards-and-kava-taskforce-meetings/>.

"Increasing Consumer Access to Kava." 2020. October 7, 2020. <https://www.odc.gov.au/publications/increasing-consumer-access-kava>.

Invest, Pacific Trade. 2022. "Improving Compliance & Understanding the Market." Presented at the Eliminate the Hazard - Reduce the Risk., Digital , June 27.

Israel, Z. H., and E. E. Smissman. 1976. "Synthesis of Kavain, Dihydrokavain, and Analogues." *The Journal of Organic Chemistry* 41 (26): 4070–74. <https://doi.org/10.1021/jo00888a004>.

- Jackson, Grahame. 2020. "Fact Sheet - Kava Dieback (160)." 2020. https://apps.lucidcentral.org/ppp_v9/text/web_full/entities/kava_dieback_160.htm.
- Jacobs, Bradly P., Stephen Bent, Jeffrey A. Tice, Terri Blackwell, and Steven R. Cummings. 2005. "An Internet-Based Randomized, Placebo-Controlled Trial of Kava and Valerian for Anxiety and Insomnia." *Medicine* 84 (4): 197–207. <https://doi.org/10.1097/01.md.0000172299.72364.95>.
- Jager, L. S. de, G. A. Perfetti, and G. W. Diachenko. 2004. "LC-UV and LC-MS Analysis of Food and Drink Products Containing Kava." *Food Additives and Contaminants* 21 (10): 921–34. <https://doi.org/10.1080/02652030400010454>.
- Jahan, Nusrat, Sirajum Monira, Seba Khondokar Orna, and Amir Hossain. 2022. "Phytochemical and Pharmacological Evaluation of Methanolic Leaf Extract of Piper Methysticum." *Bangladesh Pharmaceutical Journal* 25 (1): 73–79. <https://doi.org/10.3329/bpj.v25i1.57843>.
- Jaiswal, Yogini S., Aaron M. Yerke, M. Caleb Bagley, Mans Ekelof, Daniel Weber, Daniel Haddad, Anthony Fodor, David C. Muddiman, and Leonard L. Williams. 2020. "3D Imaging and Metabolomic Profiling Reveal Higher Neuroactive Kavalactone Contents in Lateral Roots and Crown Root Peels of Piper Methysticum (kava)." *GigaScience* 9 (9). <https://doi.org/10.5524/100784>.
- Jaiswal, Yogini, Mohd Farooq Shaikh, Ilya Wang, Yanning Yong, Vanessa Lin Lin Lee, and Leonard Williams. 2020. "Evaluation of Anti-Convulsive Properties of Aqueous Kava Extract on Zebrafish Using the PTZ-Induced Seizure Model." *Brain Sciences* 10 (8). <https://doi.org/10.3390/brainsci10080541>.
- JAMES, Kerry. 1999. "Alcohol: A Threat to Tonga's Time Honored Values?" *Pacifichealthdialog.org.fj* 6 (2): 261–64. <http://pacifichealthdialog.org.fj/Volume206/No220Health20of20Tongans20and20other20Pacificans/Reprint20Papers/Alcohol20a20threat20to20Tongas20time20honoured20values.pdf>.
- Jamieson, D. D., and P. H. Duffield. 1990a. "Positive Interaction of Ethanol and Kava Resin in Mice." *Clinical and Experimental Pharmacology & Physiology* 17 (7): 509–14. <https://doi.org/10.1111/j.1440-1681.1990.tb01350.x>.
- . 1990b. "The Antinociceptive Actions of Kava Components in Mice." *Clinical and Experimental Pharmacology & Physiology* 17 (7): 495–507. <https://doi.org/10.1111/j.1440-1681.1990.tb01349.x>.
- Jamieson, D. D., P. H. Duffield, D. Cheng, and A. M. Duffield. 1989. "Comparison of the Central Nervous System Activity of the Aqueous and Lipid Extract of Kava (Piper Methysticum)." *Archives Internationales de Pharmacodynamie et de Therapie* 301 (September): 66–80. <https://www.ncbi.nlm.nih.gov/pubmed/2624517>.
- Jamkhandea, Prasad G., Ganesh S. Tolsarwada, and Priti S. Tidkeb. 2013. "Herbal Hepatotoxicity: A Review on Phytochemical Induced Liver Injury." *Journal of Basic and Applied Pharmaceutical Sciences* 3 (8 Suppl 1): S106–10. https://www.researchgate.net/profile/Prasad-Jamkhande/publication/263471088_Herbal_Hepatotoxicity_A_Review_on_Phytochemical_Induced_Liver_Injury/links/58450df508ae61f75dd68839/Herbal-Hepatotoxicity-A-Review-on-Phytochemical-Induced-Liver-Injury.pdf.
- Jandial, Danielle D., Lauren S. Krill, Lixia Chen, Chunli Wu, Yu Ke, Jun Xie, Bang H. Hoang, and Xiaolin Zi. 2017. "Induction of G2M Arrest by Flavokawain A, a Kava Chalcone, Increases the Responsiveness of HER2-Overexpressing Breast Cancer Cells to Herceptin." *Molecules* 22 (3). <https://doi.org/10.3390/molecules22030462>.
- Jappe, U., I. Franke, D. Reinhold, and H. P. Gollnick. 1998. "Seboropic Drug Reaction Resulting from Kava-Kava Extract Therapy: A New Entity?" *Journal of the American Academy of Dermatology* 38 (1): 104–6.

[https://doi.org/10.1016/s0190-9622\(98\)70547-x](https://doi.org/10.1016/s0190-9622(98)70547-x).

Jaramillo, M. Alejandra, Ricardo Callejas, Christopher Davidson, James F. Smith, Angela C. Stevens, and Eric J. Tepe. 2008. "A Phylogeny of the Tropical Genus *Piper* Using ITS and the Chloroplast Intron psbj-petA." *Systematic Botany* 33 (4): 647–60. <http://www.jstor.org/stable/40211934>.

Jayararnan, T. K. 2004. "COPING WITH VULNERABILITY BY BUILDING ECONOMIC RESILIENCE: THE CASE OF VANUATU." In *Economic Vulnerability and Resilience of Small States*, 135–48. University of Malta. Islands and Small States Institute & The Commonwealth Secretariat.

Jeong, Hye-Jin, Chang Seok Lee, Janggyoo Choi, Yong Deog Hong, Song Seok Shin, Jun Seong Park, John Hwan Lee, Seokyong Lee, Kee Dong Yoon, and Jaeyoung Ko. 2015. "Flavokawains B and C, Melanogenesis Inhibitors, Isolated from the Root of *Piper Methysticum* and Synthesis of Analogs." *Bioorganic & Medicinal Chemistry Letters* 25 (4): 799–802. <https://doi.org/10.1016/j.bmcl.2014.12.082>.

Jhoo, J-W, C. Y. W. Ang, T. M. Heinze, J. Deck, L. K. Schnackenberg, R. D. Beger, K. Dragull, and C-S Tang. 2007. "Identification of C-Glycoside Flavonoids as Potential Mutagenic Compounds in Kava." *Journal of Food Science* 72 (2): C120–25. <https://doi.org/10.1111/j.1750-3841.2007.00278.x>.

Jhoo, J-W, J. P. Freeman, C. Y. W. Ang, and J. J. Mihalov. 2006. "Assessment of Kavalactones in Kava Beverage Products and Aqueous Infusions." *Journal of Food Science* 71 (6): C345–51. <https://doi.org/10.1111/j.1750-3841.2006.00102.x>.

Jhoo, Jin-Woo, James P. Freeman, Thomas M. Heinze, Joanna D. Moody, Laura K. Schnackenberg, Richard D. Beger, Klaus Dragull, Chung-Shih Tang, and Catharina Y. W. Ang. 2006. "In Vitro Cytotoxicity of Nonpolar Constituents from Different Parts of Kava Plant (*Piper Methysticum*)."*Journal of Agricultural and Food Chemistry* 54 (8): 3157–62. <https://doi.org/10.1021/jf051853j>.

Ji, Fei. 2014. "Pass the Kava: Implications for Patent Protections over Traditional Knowledge in Samoa's New Intellectual Property Act of 2011." *Hous. J. Int'l L.* 36: 789. https://heinonline.org/hol-cgi-bin/get_pdf.cgi?handle=hein.journals/hujil36§ion=26.

Jiang Shia, Lixin, Yan Yang, Xueqin Zheng, Xiangsheng Kong, Zhiyong Li, Xiaoling Wang, and Shuangcheng Gao. 2009. "Analysis of the Genetic Relationship between *Piper Methysticum* and Pepper by AFLP." *Pakistan Journal of Botany* 41 (3): 1163–71. [http://www.pakbs.org/pjbot/PDFs/41\(3\)/PJB41\(3\)1163.pdf](http://www.pakbs.org/pjbot/PDFs/41(3)/PJB41(3)1163.pdf).

Johana, A. Mendes, Y. Ekowati Nurhening, S. Susanti Diana, Sembiring Jefri, Prasetia Andri, and Widijastuti Rosmala. 2018. "The Potential Leaves Extract of *Piper Methysticum* (piperaceae) as Botanical Insecticide against *Crocidolomia pavonana* (f.) Larvae Mortality (lepidoptera:crambidae)." *E3S Web of Conferences* 73: 06015. <https://doi.org/10.1051/e3sconf/20187306015>.

Johnson, Benjamin M., Sheng-Xiang Qiu, Shide Zhang, Fagen Zhang, Joanna E. Burdette, Lining Yu, Judy L. Bolton, and Richard B. van Breemen. 2003. "Identification of Novel Electrophilic Metabolites of *Piper Methysticum* Forst (Kava)." *Chemical Research in Toxicology* 16 (6): 733–40. <https://doi.org/10.1021/tx020113r>.

Johnson, Thomas E., David Hermanson, Lei Wang, Fekadu Kassie, Pramod Upadhyaya, Michael G. O'Sullivan, Stephen S. Hecht, Junxuan Lu, and Chengguo Xing. 2011. "Lung Tumorigenesis Suppressing Effects of a Commercial Kava Extract and Its Selected Compounds in A/J Mice." *The American Journal of Chinese Medicine* 39 (4): 727–42. <https://doi.org/10.1142/S0192415X11009202>.

Johnson, Thomas E., Fekadu Kassie, M. Gerard O'Sullivan, Mesfin Negia, Timothy E. Hanson, Pramod Upadhyaya, Peter P. Ruvolo, Stephen S. Hecht, and Chengguo Xing. 2008. "Chemopreventive Effect of Kava on 4-(MethylNitrosamino)-1-(3-Pyridyl)-1-Butanone plus Benzo[a]pyrene-Induced Lung Tumorigenesis in A/J Mice." *Cancer Prevention Research* 1 (6): 430–38. <https://doi.org/10.1158/1940-6207.CAPR-08-0027>.

Johnston, Ed. 2002. "Awa and the Liver." Association for Hawaiian 'Awa.
<https://web.archive.org/web/20030912092018/http://www.spc.int/cis/documents/Awa%20and%20the%20Liver.pdf>.

—. 2013. "The Allure of 'Awa." In *The World's Finest Tropical Drinks*, edited by Cheryl Chee Tsutsumi, 44–46. Island Heritage Publishing.

Johnston, Edward. 2023. *Female Papa Kea Flower*. Digital.

Jokhan, Anjeela D., and Patricia A. McLenahan. 2004. "Genetic Fingerprinting of Fijian Kava." *The South Pacific Journal of Natural and Applied Sciences* 22 (1): 43–45. <https://doi.org/10.1071/sp04008>.

Jordan, F. T. 1876. "Ava Oder Kava-Kava." *Pharmaceutische Zeitschrift Für Russland* 15: 609–15.
<https://dspace.ut.ee/handle/10062/66483>.

"Journal of the Polynesian Society: Legend And History: Did The Vanuatu-Tonga Kava Trade Cease In A.D. 1447?, By David Luders, P 287-310." n.d. Accessed December 14, 2022.

https://www.jps.auckland.ac.nz/document/Volume_105_1996/Volume_105%2C_No._3/Legend_and_history%3A_Did_t_he_Vanuatu-Tonga_kava_trade_cease_in_A.D._1447%3F%2C_by_David_Luders%2C_p_287-310/p1.

Jussofie, A. 1993. "Brain Area Specific Differences in the Effects of Neuroactive Steroids on the GABAA Receptor Complexes Following Acute Treatment with Anaesthetically Active Steroids." *Acta Endocrinologica* 129 (5): 480–85.
<https://doi.org/10.1530/acta.0.1290480>.

Jussofie, A., A. Schmiz, and C. Hiemke. 1994. "Kavapyrone Enriched Extract from Piper Methysticum as Modulator of the GABA Binding Site in Different Regions of Rat Brain." *Psychopharmacology* 116 (4): 469–74.
<https://doi.org/10.1007/BF02247480>.

Kaeppler, Adrienne L. 2010. "Interpreting Ritual as Performance and Theory Association for Social Anthropology in Oceania 2010 Distinguished Lecture." *Oceania; a Journal Devoted to the Study of the Native Peoples of Australia, New Guinea, and the Islands of the Pacific* 80 (3): 263–71. <https://doi.org/10.1002/j.1834-4461.2010.tb00085.x>.

Kaforau, Lydia Sandrah, Gizachew A. Tessema, Jonine Jancey, Hugo Bugoro, and Gavin Pereira. 2023. "Prevalence and Factors Associated With Low Birth Weight in the Solomon Islands: Evidence From the 2015 Solomon Islands Demographic and Health Survey Data." *Asia-Pacific Journal of Public Health / Asia-Pacific Academic Consortium for Public Health*, March, 10105395231158868. <https://doi.org/10.1177/10105395231158868>.

Kalsakau, Kizzy, and Jason Abel. 2022. "60 Kava, Cocoa Farmers Engaged in VPPA and PHAMA Plus Workshop." Vanuatu Daily Post. February 2, 2022. https://www.dailypost.vu/news/60-kava-cocoa-farmers-engaged-in-vppa-and-phama-plus-workshop/article_30d096c4-7568-5b74-b82f-f2a58705fab4.html.

Kamai, Jasmine, and Varner Allbrett. 2005. "Kava Decreases the Heart Rate of Daphnia." *CiteSeer*.
<https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.568.2146&rep=rep1&type=pdf>.

Kamal, Ahmed, Tadiparthi Krishnaji, and G. B. Ramesh Khanna. 2006. "Chemoenzymatic Synthesis of Enantiomerically

Enriched Kavalactones." *Tetrahedron Letters* 47 (49): 8657–60. <https://doi.org/10.1016/j.tetlet.2006.09.155>.

Kandukuru, P., A. S. Huang, J. Dong, H. C. Bittenbender, and Y. Li. 2009. "Rapid Identification of Bacterial Isolates from Aqueous Kava (*Piper Methysticum*) Extracts by Polymerase Chain Reaction and DNA Sequencing." *Letters in Applied Microbiology* 49 (6): 764–68. <https://doi.org/10.1111/j.1472-765X.2009.02739.x>.

Kanumuri, Siva Rama Raju, Jessica Mamallapalli, Robyn Nelson, Christopher R. McCurdy, Carol A. Mathews, Chengguo Xing, and Abhishek Sharma. 2022. "Clinical Pharmacokinetics of Kavalactones after Oral Dosing of Standardized Kava Extract in Healthy Volunteers." *Journal of Ethnopharmacology* 297 (October): 115514. <https://doi.org/10.1016/j.jep.2022.115514>.

Kautu, Bwarenaba B., Juliana Phillips, Kellie Steele, M. Shawn Mengarelli, and Eric A. Nord. 2017. "A Behavioral Survey of the Effects of Kavalactones on *Caenorhabditis Elegans* Neuromuscular Transmission." *Journal of Experimental Neuroscience* 11 (June): 1179069517705384. <https://doi.org/10.1177/1179069517705384>.

"Kava." 2020. August 2020. <https://www.nccih.nih.gov/health/kava>.

—. 2022a. February 28, 2022. <https://adf.org.au/drug-facts/kava/>.

—. 2022b. August 12, 2022. <https://www.betterhealth.vic.gov.au/health/healthyliving/kava>.

"Kava - FDA Advisory 03-25-2002.pdf." n.d.

"Kava Activitites." 2001. 2001. <https://web.archive.org/web/20030901220234/http://www.spc.int/cis/kava.htm>.

Kava Kava - New Remedies. 1878. Parke-Davis.

"KavaCodexUpdate2023ex84_02e_Part1.pdf." n.d.

Kazama, Kazuhiro. 2006. "Rapid Prevalence of Kava-Drinking in Kiribati, Central Pacific." *People and Culture in Oceania* 22: 85–106.

Keledjian, J., P. H. Duffield, D. D. Jamieson, R. O. Lidgard, and A. M. Duffield. 1988. "Uptake into Mouse Brain of Four Compounds Present in the Psychoactive Beverage Kava." *Journal of Pharmaceutical Sciences* 77 (12): 1003–6. <https://doi.org/10.1002/jps.2600771203>.

Kennedy, Keith. 1931. "A Fijian Yaqona Ceremony." In *Mankind*.

Keohohou, Saffery And Nicki. 1998. "NY NY1693 - The Tariff Classification of Kava." United States International Trade Commision Rulings And Harmonized Tariff Schedule. 1998 NY Rulings. <http://www.faqs.org/rulings/rulings1998NYNY1693.html>.

Kerryn, Alexander. 1985. "Kava in the North. A Study of Kava in Arnhem Land Aboriginal Communities." *Australian National University North Australia Research Unit*.

Ketola, Raimo A., Jenni Viinamäki, Ilpo Rasanen, Anna Pelander, and Sirkka Goebeler. 2015. "Fatal Kavalactone Intoxication by Suicidal Intravenous Injection." *Forensic Science International* 249 (April): e7–11. <https://doi.org/10.1016/j.forsciint.2015.01.032>.

Khatri, Vaishali. 2011. "Effect of Aspirin Intervention on Platelet Aggregation In Non-Kava Drinking and Kava Drinking Fijian and Indo-Fijian Healthy Volunteers and Determination of Aspirin Resistance." The University of South Pacific Fiji. <http://digilib.library.usp.ac.fj/gsdl/collect/usplibr1/index/assoc/HASH0b63.dir/doc.pdf>.

Kilham, Chris. 2001. "Nights of Kava: Social Custom in Vanuatu." Presented at the Building Bridges with Traditional Knowledge II Summit, Honolulu, Hawaii.

Kim, Ji-Hye, Hyun-Jung Kim, and Ik-Soo Lee. 2010. "Microbial Metabolism of Yangonin, a Styryl Lactone from Piper Methysticum (Kava)." *Natural Product Sciences* 16 (3): 148–52. <https://www.koreascience.or.kr/article/JAKO201028455276520.page>.

Klaus Dragull Jim Henderson Mel C. Jackson Ed Johnston Jerry Konanui G. David Lin Kepā Maly Scot Nelson Jeri Ooka Tom Osborn Helen Rogers Chung-Shih Tang. 2006. *Hawaiian 'Awa Views of an Ethnobotanical Treasure*. Edited by Ed Johnston and Helen Rogers. Association for Hawaiian 'Awa.

Klohs, M., F. Keller, and R. Williams. 1959. "Notes: Piper Methysticum Forst. II. The Synthesis of DI-Methysticin and DI-Dihydromethysticin." *The Journal of Organic Chemistry* 24 (11): 1829–30. <https://doi.org/10.1021/jo01093a632>.

Klohs, Murle W. 1967. "Chemistry of Kava." In *Ethnopharmacologic Search for Psychoactive Drugs*, 126–32.

Klohs, M. W., Keller, F., Williams, R. E., Toekes, M. I., Cronheim, G. E. 1959. "A Chemical and Pharmacological Investigation of Piper Methysticum Forst." *Journal of Medicinal and Pharmaceutical Chemistry* 1 (1): 95–103. <https://doi.org/10.1021/jm50002a007>.

Kluger, Jeffrey. 2001. "The Root of Tranquillity." *Time*, June 24, 2001. <https://content.time.com/time/magazine/article/0,9171,140400,00.html>.

Kong, Lina, Renchao Dong, Kai Huang, Xiaohui Wang, Dalong Wang, Nan Yue, Changyuan Wang, et al. 2021. "Yangonin Modulates Lipid Homeostasis, Ameliorates Cholestasis and Cellular Senescence in Alcoholic Liver Disease via Activating Nuclear Receptor FXR." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 90 (September): 153629. <https://doi.org/10.1016/j.phymed.2021.153629>.

Kong, Yulong, Xiaoguang Gao, Changyuan Wang, Chenqing Ning, Kexin Liu, Zhihao Liu, Huijun Sun, Xiaodong Ma, Pengyuan Sun, and Qiang Meng. 2018. "Protective Effects of Yangonin from an Edible Botanical Kava against Lithocholic Acid-Induced Cholestasis and Hepatotoxicity." *European Journal of Pharmacology* 824 (April): 64–71. <https://doi.org/10.1016/j.ejphar.2018.02.002>.

Konrad, Schübel. 1924. "Zur Chemie Und Pharmakologie Der Kawa-Kawa (Piper Methysticum, Rauschpfeffer)." *Archiv Für Experimentelle Pathologie Und Pharmakologie* 102: 250–82.

Köppel, C., and J. Tenczer. 1991. "Mass Spectral Characterization of Urinary Metabolites of D,L-Kawain." *Journal of Chromatography* 562 (1-2): 207–11. [https://doi.org/10.1016/0378-4347\(91\)80578-z](https://doi.org/10.1016/0378-4347(91)80578-z).

Kormann, Elaine C., Patricia de Aguiar Amaral, Michele David, Vera L. Eifler-Lima, Valdir Cechinel Filho, and Fátima Campos Buzzi. 2012. "Kavain Analogues as Potential Analgesic Agents." *Pharmacological Reports: PR* 64 (6): 1419–26. [https://doi.org/10.1016/s1734-1140\(12\)70939-8](https://doi.org/10.1016/s1734-1140(12)70939-8).

Kostermans, D. G. F. R. 1951. "The Synthesis of Kawaïn." *Recueil Des Travaux Chimiques Des Pays-Bas (Leiden, Netherlands : 1920)* 70 (1): 79–82. <https://doi.org/10.1002/recl.19510700113>.

Kraft, M., T. W. Spahn, J. Menzel, N. Senninger, K. H. Dietl, H. Herbst, W. Domschke, and M. M. Lerch. 2001. “[Fulminant liver failure after administration of the herbal antidepressant Kava-Kava].” *Deutsche medizinische Wochenschrift* 126 (36): 970–72. <https://doi.org/10.1055/s-2001-16966>.

Krum, Bárbara Nunes, Catuscia Molz de Freitas, Alcindo Busanello, Larissa Finger Schaffer, and Roselei Fachinetto. 2021. “Ex Vivo and in Vitro Inhibitory Potential of Kava Extract on Monoamine Oxidase B Activity in Mice.” *African Journal of Traditional, Complementary, and Alternative Medicines: AJTCAM / African Networks on Ethnomedicines*, July. <https://doi.org/10.1016/j.jtcme.2021.07.002>.

Krum, Bárbara Nunes, Catuscia Molz de Freitas, Ana Paula Chiapinotto Ceretta, Caroline Pilecco Barbosa, Elizete de Moraes Reis, Rahisa Scussel, Emily da Silva Córneo, Ricardo Andrez Machado-de-Ávila, Aline Augusti Boligon, and Roselei Fachinetto. 2021. “Kava Decreases the Stereotyped Behavior Induced by Amphetamine in Mice.” *Journal of Ethnopharmacology* 265 (January): 113293. <https://doi.org/10.1016/j.jep.2020.113293>.

Kubátová, A., D. J. Miller, and S. B. Hawthorne. 2001. “Comparison of Subcritical Water and Organic Solvents for Extracting Kava Lactones from Kava Root.” *Journal of Chromatography. A* 923 (1-2): 187–94. [https://doi.org/10.1016/s0021-9673\(01\)00979-7](https://doi.org/10.1016/s0021-9673(01)00979-7).

Kuchta, Kenny, Marie Hladikova, Michael Thomsen, Adolf Nahrstedt, and Mathias Schmidt. 2021. “Kava (*Piper Methysticum*) Extract for the Treatment of Nervous Anxiety, Tension and Restlessness.” *Drug Research* 71 (2): 83–93. <https://doi.org/10.1055/a-1268-7135>.

Kuchta, Kenny, Pietro de Nicola, and Mathias Schmidt. 2018. “Randomized, Dose-Controlled Double-Blind Trial: Efficacy of an Ethanolic Kava (*Piper Methysticum* Rhizome) Extract for the Treatment of Anxiety in Elderly Patients: Kava Extract for Anxiety.” *Traditional & Kampo Medicine* 5 (1): 3–10. <https://doi.org/10.1002/tkm2.1079>.

Kuchta, Kenny, Mathias Schmidt, and Adolf Nahrstedt. 2015. “German Kava Ban Lifted by Court: The Alleged Hepatotoxicity of Kava (*Piper Methysticum*) as a Case of Ill-Defined Herbal Drug Identity, Lacking Quality Control, and Misguided Regulatory Politics.” *Planta Medica* 81 (18): 1647–53. <https://doi.org/10.1055/s-0035-1558295>.

Kumagai, Momochika, Keisuke Nishikawa, Takashi Mishima, Izumi Yoshida, Masahiro Ide, Akio Watanabe, Kazuhiro Fujita, and Yoshiki Morimoto. 2020. “Fluorinated Kavalactone Inhibited RANKL-Induced Osteoclast Differentiation of RAW264 Cells.” *Biological & Pharmaceutical Bulletin* 43 (5): 898–903. <https://doi.org/10.1248/bpb.b20-00063>.

Kunisaki, J., A. Araki, and Y. Sagawa. 2003. “Micropagation of ‘Awa.” *Biotechnology Bio-4*. <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/BIO-4.pdf>.

Laizure, S. Casey, Vanessa Herring, Zheyi Hu, Kevin Witbrodt, and Robert B. Parker. 2013. “The Role of Human Carboxylesterases in Drug Metabolism: Have We Overlooked Their Importance?” *Pharmacotherapy* 33 (2): 210–22. <https://doi.org/10.1002/phar.1194>.

Lal, Nilima. 2021. “Pacific Kava Production, Trade and Consumption: Gaps in Data Hinder Full Analysis.”

LaPorte, E., J. Sarris, C. Stough, and A. Scholey. 2011. “Neurocognitive Effects of Kava (*Piper Methysticum*): A Systematic Review.” *Human Psychopharmacology* 26 (2): 102–11. <https://doi.org/10.1002/hup.1180>.

Lasme, Privat, Fabrice Davrieux, Didier Montet, and Vincent Lebot. 2008. “Quantification of Kavalactones and Determination of Kava (*Piper Methysticum*) Chemotypes Using near-Infrared Reflectance Spectroscopy for Quality

Control in Vanuatu." *Journal of Agricultural and Food Chemistry* 56 (13): 4976–81. <https://doi.org/10.1021/jf800439g>.

Lauktien, Gerhard. 2015. "Defense against Drug Hazards, Level II Medicines Containing Kava Kava (*Piper Methysticum*)."
BfArM.

Lavalee, G. 1940. "Le Kavo Ou Poivre Enivrant [The Kava or Intoxicating Pepper]." *Concours Medical* 62: 651.

Lebot, V. 1996. "Evidence for Conspecificity of *Piper Methysticum* Forst. F. and *Piper Wichmannii* C. DC." *Biochemical Systematics and Ecology*. [https://doi.org/10.1016/s0305-1978\(97\)81216-1](https://doi.org/10.1016/s0305-1978(97)81216-1).

—. 2018. "Recent Advances in the Quality Control of Kava, the Traditional Beverage of the Pacific Islands." *Acta Horticulturae*, no. 1205 (June): 483–92. <https://doi.org/10.17660/actahortic.2018.1205.59>.

Lebot, V., T. K. T. Do, and L. Legendre. 2014. "Detection of Flavokavins (A, B, C) in Cultivars of Kava (*Piper Methysticum*) Using High Performance Thin Layer Chromatography (HPTLC)." *Food Chemistry* 151 (May): 554–60.
<https://doi.org/10.1016/j.foodchem.2013.11.120>.

Lebot, V., and J. Lèvesque. 1989. "THE ORIGIN AND DISTRIBUTION OF KAVA (PIPER METHYSTICUM FORST. F., PIPERACEAE): A PHYTOCHEMICAL APPROACH." *Allertonia* 5 (2): 223–81. <http://www.jstor.org/stable/23187398>.

Lebot, Vincent. 1995. "The Origin And Distribution Of Kava." *Canberra Anthropology* 18 (1-2): 20–33.
<https://doi.org/10.1080/03149099509508407>.

—. 2006. "The Quality of Kava Consumed in the South Pacific." *The Journal of the American Botanical Council*, 2006.

—. 2013. "Vincent Lebot - Overview - Curriculum Vitae."
<http://www.isrc.in/internationalconference2013/Vincent%20LEBOT.pdf>.

Lebot, Vincent, z. Mallikarjuna K. Aradhya, and Richard M. Manshardt. 1991. "Geographic Survey of Genetic Variation in Kava (*Piper Methysticum* Forst. F. and P. *Wichmannii* C. DC.)." *Pacific Science* 45 (2): 169–85.
<http://hdl.handle.net/10125/518>.

Lebot, Vincent, and Pierre Cabalion. 1986. *Les Kavas De Vanuatu*. Paris.

Lebot Vincent, Cabalion Pierre. 1988. *KAVAS OF VANUATU Cultivars of Piper Methysticum Forst*. South Pacific Commission Technical Paper.

Lebot, Vincent, Juliane Kaoh, and Laurent Legendre. 2020a. "High-Throughput Analysis of Flavokawains in Kava (*Piper Methysticum* Forst. F.) Roots, Chips and Powders and Correlations with Their Acetonic Extracts Absorbance." *Food Analytical Methods* 13 (8): 1583–93. <https://doi.org/10.1007/s12161-020-01781-9>.

—. 2020b. "High-Throughput Analysis of Flavokawains in Kava (*Piper Methysticum* Forst. F.) Roots, Chips and Powders and Correlations with Their Acetonic Extracts Absorbance." *Food Analytical Methods* 13 (8): 1583–93.
<https://doi.org/10.1007/s12161-020-01781-9>.

Lebot, Vincent, and Laurent Legendre. 2016. "Comparison of Kava (*Piper Methysticum* Forst.) Varieties by UV Absorbance of Acetonic Extracts and High-Performance Thin-Layer Chromatography." *Journal of Food Composition and Analysis: An Official Publication of the United Nations University, International Network of Food Data Systems* 48 (May): 25–33.
<https://doi.org/10.1016/j.jfca.2016.01.009>.

Lebot, Vincent, and Joël Levesque. 1996. "Genetic Control of Kavalactone Chemotypes in *Piper Methysticum* Cultivars." *Phytochemistry* 43 (2): 397–403. [https://doi.org/10.1016/0031-9422\(96\)00209-9](https://doi.org/10.1016/0031-9422(96)00209-9).

Lebot, Vincent, Dennis J. McKenna, Ed Johnston, Qun Yi Zheng, and Doug McKern. 1999. "Morphological, Phytochemical, and Genetic Variation in Hawaiian Cultivars of 'Awa (Kava, *Piper Methysticum*, Piperaceae)." *Economic Botany* 53 (4): 407–18. <https://doi.org/10.1007/bf02866720>.

Lebot, Vincent, Mark Merlin, and Lamont Lindstrom. 1997. *Kava, the Pacific Elixir: The Definitive Guide to Its Ethnobotany, History, and Chemistry*. Healing Arts Press. <https://agritrop.cirad.fr/584102/>.

Lebot, Vincent, Serge Michalet, and Laurent Legendre. 2019. "Kavalactones and Flavokavins Profiles Contribute to Quality Assessment of Kava (*Piper Methysticum* G. Forst.), the Traditional Beverage of the Pacific." *Beverages* 5 (2): 34. <https://doi.org/10.3390/beverages5020034>.

Lebot, Vincent, and Patricia Siméoni. 2004. "Is the Quality of Kava (*Piper Methysticum* Forst. F.) Responsible for Different Geographical Patterns?" *Ethnobotany Research and Applications*. <https://scholarspace.manoa.hawaii.edu/handle/10125/135>.

Lechtenberg, M., B. Quandt, M. Schmidt, and A. Nahrstedt. 2008. "Is the Alkaloid Pipermethystine Connected with the Claimed Liver Toxicity of Kava Products?" *Die Pharmazie* 63 (1): 71–74. <https://www.ncbi.nlm.nih.gov/pubmed/18271308>.

Lee, Danica. 2019. "Denver, CO: Requirements to Sell Kava Products." Denver Public Health & Environment..

Lehmann, E., E. Kinzler, and J. Friedemann. 1996. "Efficacy of a Special Kava Extract (*Piper Methysticum*) in Patients with States of Anxiety, Tension and Excitedness of Non-Mental Origin - A Double-Blind Placebo-Controlled Study of Four Weeks Treatment." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 3 (2): 113–19. [https://doi.org/10.1016/S0944-7113\(96\)80024-9](https://doi.org/10.1016/S0944-7113(96)80024-9).

Lehrl, Siegfried. 2004. "Clinical Efficacy of Kava Extract WS 1490 in Sleep Disturbances Associated with Anxiety Disorders. Results of a Multicenter, Randomized, Placebo-Controlled, Double-Blind Clinical Trial." *Journal of Affective Disorders* 78 (2): 101–10. [https://doi.org/10.1016/s0165-0327\(02\)00238-0](https://doi.org/10.1016/s0165-0327(02)00238-0).

Leitzman, Pablo, Sreekanth C. Narayananpillai, Silvia Balbo, Bo Zhou, Pramod Upadhyaya, Ahmad Ali Shaik, M. Gerard O'Sullivan, Stephen S. Hecht, Junxuan Lu, and Chengguo Xing. 2014. "Kava Blocks 4-(methylnitrosamino)-1-(3-Pyridyl)-1-Butanone-Induced Lung Tumorigenesis in Association with Reducing O6-Methylguanine DNA Adduct in A/J Mice." *Cancer Prevention Research* 7 (1): 86–96. <https://doi.org/10.1158/1940-6207.CAPR-13-0301>.

Lemert, E. M. 1967. "Secular Use of Kava in Tonga." *Quarterly Journal of Studies on Alcohol* 28 (2): 328–41. <https://www.ncbi.nlm.nih.gov/pubmed/6049173>.

—. 1976. "Koni, Kona, Kava. Orange-Beer Culture of the Cook Islands." *Journal of Studies on Alcohol* 37 (5): 565–85. <https://doi.org/10.15288/jsa.1976.37.565>.

Lester, R. H. 1941a. "Kava Drinking in Vitilevu, Fiji." *Oceania; a Journal Devoted to the Study of the Native Peoples of Australia, New Guinea, and the Islands of the Pacific* 12 (2): 97–121. <http://www.jstor.org/stable/40327938>.

—. 1941b. "Kava Drinking in Vitilevu, Fiji Part 2." *Oceania; a Journal Devoted to the Study of the Native Peoples of*

Australia, New Guinea, and the Islands of the Pacific 12 (2): 97–121. <http://www.jstor.org/stable/40327938>.

Leung, Nicola. 2004. “Acute Urinary Retention Secondary to Kava Ingestion.” *Emergency Medicine Australasia: EMA* 16 (1): 94. <https://doi.org/10.1111/j.1742-6723.2004.00554.x>.

Lewin. 1886. “Action Of Kava.” *British Medical Journal* 1 (1309): 221. <https://doi.org/https://www.jstor.org/stable/25274870>.

Lhuissier, Tiphaine, Pierre-Edouard Mercier, Serge Michalet, Vincent Lebot, and Laurent Legendre. 2017. “Colorimetric Assessment of Kava (*Piper Methysticum* Forst.) Quality.” *Journal of Food Composition and Analysis: An Official Publication of the United Nations University, International Network of Food Data Systems* 59 (June): 27–34. <https://doi.org/10.1016/j.jfca.2017.02.005>.

Li, Juan, Lei Zheng, Mi Yan, Jing Wu, Yongqing Liu, Xiaona Tian, Wen Jiang, Lu Zhang, and Rongmei Wang. 2020. “Activity and Mechanism of Flavokawain A in Inhibiting P-Glycoprotein Expression in Paclitaxel Resistance of Lung Cancer.” *Oncology Letters* 19 (1): 379–87. <https://doi.org/10.3892/ol.2019.11069>.

Li, X. Z., and I. Ramzan. 2010. “Role of Ethanol in Kava Hepatotoxicity.” *Phytotherapy Research: PTR* 24 (4): 475–80. <https://doi.org/10.1002/ptr.3046>.

Li, Xuesen, Zhongbo Liu, Xia Xu, Christopher A. Blair, Zheng Sun, Jun Xie, Michael B. Lilly, and Xiaolin Zi. 2012. “Kava Components down-Regulate Expression of AR and AR Splice Variants and Reduce Growth in Patient-Derived Prostate Cancer Xenografts in Mice.” *PLoS One* 7 (2): e31213. <https://doi.org/10.1371/journal.pone.0031213>.

Li, Xuesen, Liankun Song, Shan Xu, Matthew Tippin, Shuan Meng, Jun Xie, Edward Uchio, and Xiaolin Zi. 2021. “Kava Root Extracts Hinder Prostate Cancer Development and Tumorigenesis by Involvement of Dual Inhibition of MAO-A and LSD1.” *Journal of Translational Genetics and Genomics* 5 (May): 163–72. <https://doi.org/10.20517/jtgg.2021.22>.

Li, Xuesen, Xia Xu, Tao Ji, Zhongbo Liu, Mai Gu, Bang H. Hoang, and Xiaolin Zi. 2014. “Dietary Feeding of Flavokawain A, a Kava Chalcone, Exhibits a Satisfactory Safety Profile and Its Association with Enhancement of Phase II Enzymes in Mice.” *Toxicology Reports* 1: 2–11. <https://doi.org/10.1016/j.toxrep.2014.02.002>.

Li, Xuesen, Noriko N. Yokoyama, Saiyang Zhang, Lina Ding, Hong-Min Liu, Michael B. Lilly, Dan Mercola, and Xiaolin Zi. 2015. “Flavokawain A Induces deNEDDylation and Skp2 Degradation Leading to Inhibition of Tumorigenesis and Cancer Progression in the TRAMP Transgenic Mouse Model.” *Oncotarget* 6 (39): 41809–24. <https://doi.org/10.18632/oncotarget.6166>.

Li, Yan, Hu Mei, Qiangen Wu, Suhui Zhang, Jia-Long Fang, Leming Shi, and Lei Guo. 2011. “Methysticin and 7,8-Dihydromethysticin Are Two Major Kavalactones in Kava Extract to Induce CYP1A1.” *Toxicological Sciences: An Official Journal of the Society of Toxicology* 124 (2): 388–99. <https://doi.org/10.1093/toxsci/kfr235>.

Ligresti, Alessia, Rosaria Villano, Marco Allarà, István Ujváry, and Vincenzo Di Marzo. 2012. “Kavalactones and the Endocannabinoid System: The Plant-Derived Yangonin Is a Novel CB₁ Receptor Ligand.” *Pharmacological Research: The Official Journal of the Italian Pharmacological Society* 66 (2): 163–69. <https://doi.org/10.1016/j.phrs.2012.04.003>.

Lim, Steven T. S., Klaus Dragull, Chung-Shih Tang, Harry C. Bittenbender, Jimmy T. Efird, and Pratibha V. Nerurkar. 2007. “Effects of Kava Alkaloid, Pipermethystine, and Kavalactones on Oxidative Stress and Cytochrome P450 in F-344 Rats.” *Toxicological Sciences: An Official Journal of the Society of Toxicology* 97 (1): 214–21. <https://doi.org/10.1093/toxsci/kfm035>.

Lin, Chien-Tsong, K. Jayabal Senthil Kumar, Yen-Hsueh Tseng, Zi-Jie Wang, Mu-Yun Pan, Jun-Hong Xiao, Shih-Chang Chien, and Sheng-Yang Wang. 2009. "Anti-Inflammatory Activity of Flavokawain B from Alpinia Pricei Hayata." *Journal of Agricultural and Food Chemistry* 57 (14): 6060–65. <https://doi.org/10.1021/jf900517d>.

Lin, Lili, Zhenling Chen, Xu Yang, Xiaohua Liu, and Xiaoming Feng. 2008. "Efficient Enantioselective Hetero-Diels-Alder Reaction of Brassard's Diene with Aliphatic Aldehydes: A One-Step Synthesis of (R)-(+)-Kavain and (S)-(+)-Dihydrokavain." *Organic Letters* 10 (6): 1311–14. <https://doi.org/10.1021/o18002282>.

Lindsay. 2021. "Hawaii Durian and Kava Farm." Year of the Durian. November 14, 2021. <https://www.yearofthedurian.com/2021/11/hawaii-durian-kava-farm.html>.

Lindstrom, Lamont. 2004. "History, Folklore, Traditional and Current Uses of Kava." *Kava: From Ethnology to Pharmacology*, 10–28. https://books.google.com/books?hl=en&lr=&id=TkOyXgix4HUC&oi=fnd&pg=PA10&dq=piper+methysticum+history&ots=9Jzfa6aSZs&sig=r1b4_5a8HNaubHSAAym7oJUXdH4.

———. 2009. "Kava Pirates in Vanuatu?" *International Journal of Cultural Property* 16 (03): 291–308. <https://doi.org/10.1017/S0940739109990208>.

———. 2020. "Tanna Times - Islanders In the World." *University of Hawaii Press*. <https://scholarspace.manoa.hawaii.edu/bitstream/10125/67674/9780824886684.pdf>.

Lindstrom, Lamont, and Y. N. Singh. 2004. "History, Folklore, Traditional and Current Uses of Kava." *Kava: From Ethnology to Pharmacology*, 10–28. <https://books.google.com/books?hl=en&lr=&id=TkOyXgix4HUC&oi=fnd&pg=PA10&dq=tonga+kava+church&ots=9JFhe29PZq&sig=6bds-BKNzKv-Fx1Ur66nWoBPKjc>.

Linnaeus, Carolo, ed. 1781. "Pipers." In *Supplementum Plantarum*, 91. <https://www.biodiversitylibrary.org/item/10321#page/106/mode/1up>.

Linnean Society of London. 1794. "Transactions of the Linnean Society." *Linnean Society* 2: 215.

Lintner, Karl. 1999. Compositions for cosmetic and dermatopharmaceutical use containing a plant extract obtained from kava piper methysticum roots. WIPO 1999025369:A1. *World Patent*, filed November 9, 1998, and issued May 27, 1999. <https://patentimages.storage.googleapis.com/be/20/7c/d59e1694439241/WO1999025369A1.pdf>.

Listed, No Author. 1876. "Ava, or Kava-Kava." *The Pharmaceutical Journal & Transactions*, August, 149–50.

———. 1998. "Piper Methysticum (kava Kava)." *Alternative Medicine Review: A Journal of Clinical Therapeutic* 3 (6): 458–60. <https://www.ncbi.nlm.nih.gov/pubmed/9855570>.

Liu, Shuangjie, Zhuonan Liu, Chiyuan Piao, Zhe Zhang, Chuize Kong, Lei Yin, and Xi Liu. 2022. "Flavokawain A Is a Natural Inhibitor of PRMT5 in Bladder Cancer." *Journal of Experimental & Clinical Cancer Research: CR* 41 (1): 293. <https://doi.org/10.1186/s13046-022-02500-4>.

Liu, Ying, Jensen A. Lund, Susan J. Murch, and Paula N. Brown. 2018. "Single-Lab Validation for Determination of Kavalactones and Flavokavains in Piper Methysticum (Kava)." *Planta Medica* 84 (16): 1213–18. <https://doi.org/10.1055/a-0637-2400>.

- Liu, Zhongbo, U-Syn Ha, Ke Yu, Chunli Wu, Noriko Yokoyama, and Xiaolin Zi. 2017. "Kavalactone Yangonin Induces Autophagy and Sensitizes Bladder Cancer Cells to Flavokawain A and Docetaxel via Inhibition of the mTOR Pathway." *Journal of Biomedical Research* 31 (5): 408–18. <https://doi.org/10.7555/JBR.31.20160160>.
- Liu, Zhongbo, Xuesen Li, Anna Simoneau, and Xiaolin Zi. 2010. "Abstract 5678: Kavalactone Yangonin Induces Autophagy, Inhibits TSC-Mediated Translation Initiation and Acts Synergistically with a Kava Chalcone Flavokawain A on Growth Inhibition in Bladder Cancer UMUC-3 Cells." *Cancer Research* 70 (8 Supplement): 5678–5678. <https://doi.org/10.1158/1538-7445.AM10-5678>.
- Liu, Zhongbo, Liankun Song, Jun Xie, Anne R. Simoneau, Edward Uchio, and Xiaolin Zi. 2022. "Chemoprevention of Urothelial Cell Carcinoma Tumorigenesis by Dietary Flavokawain A in UPII-Mutant Ha-Ras Transgenic Mice." *Pharmaceutics* 14 (3): 496. <https://doi.org/10.3390/pharmaceutics14030496>.
- Liu, Zhongbo, Liankun Song, Jun Xie, Xue-Ru Wu, Greg E. Gin, Beverly Wang, Edward Uchio, and Xiaolin Zi. 2023. "Kavalactone Kawain Impedes Urothelial Tumorigenesis in UPII-Mutant Ha-Ras Mice via Inhibition of mTOR Signaling and Alteration of Cancer Metabolism." *Molecules (Basel, Switzerland)* 28 (4): 1666. <https://doi.org/10.3390/molecules28041666>.
- Liu, Zhongbo, Xia Xu, Xuesen Li, Shuman Liu, Anne R. Simoneau, Feng He, Xue-Ru Wu, and Xiaolin Zi. 2013. "Kava Chalcone, Flavokawain A, Inhibits Urothelial Tumorigenesis in the UPII-SV40T Transgenic Mouse Model." *Cancer Prevention Research* 6 (12): 1365–75. <https://doi.org/10.1158/1940-6207.CAPR-13-0219>.
- Loew, D., and G. Franz. 2003. "Quality Aspects of Traditional and Industrial Kava-Extracts." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 10 (6-7): 610–12. <https://doi.org/10.1078/094471103322331638>.
- Lomaloma, Saimone. 2020. "The Tongan Kava Quality Standard – Wakanavu.pdf." <https://wakanavu.com/blogs/news/the-tongan-kava-quality-standard>.
- Lopez-Avila, Viorica, and Janet Benedicto. 1997. "Supercritical Fluid Extraction of Kava Lactones from Piper Methysticum (Kava) Herb." *Journal of High Resolution Chromatography* 20: 555–59. <https://doi.org/10.1002/jhrc.1240201007>.
- Lopez-Avila, Viorica, and George Yefchak. 2009. "Identification of Compounds in Commercial Kava Extracts by Gas Chromatography with Electron Ionization High-Resolution Mass Spectrometry." *The Open Analytical Chemistry Journal* 3 (1): 22–31. <https://doi.org/10.2174/1874065000903010022>.
- Loughnan, A. 1999. "Kin Kava [Implications of the Northern Territory. Kava Management Act 1998, for Indigenous Communities in the Northern Territory]." *Indigenous Law Bulletin*. <https://search.informit.org/doi/pdf/10.3316/ielapa.200002544>.
- Louzé, Michael. Letter to Jimmy Price. 2021. "Michael Louze.pdf," April 21, 2021.
- Lüde, Saskia. 2005. "Hepatotoxicity of the Phytomedicines Kava Kava and Cimicifuga Racemosa." University_of_Basel. https://edoc.unibas.ch/327/1/DissB_7338.pdf.
- Lüde, Saskia, Michael Török, Sandy Dieterle, René Jäggi, Karin Berger Büter, and Stephan Krähenbühl. 2008. "Hepatocellular Toxicity of Kava Leaf and Root Extracts." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 15 (1-2): 120–31. <https://doi.org/10.1016/j.phymed.2007.11.003>.

Luders, David. 1996. "LEGEND AND HISTORY: DID THE VANUATU-TONGA KAVA TRADE CEASE IN A.D. 1447?" *The Journal of the Polynesian Society. Polynesian Society* 105 (3): 287–310. <http://www.jstor.org/stable/20706669>.

Luke, David P., Laura Lungu, Ross Friday, and Devin B. Terhune. 2022. "The Chemical Induction of Synesthesia." *Human Psychopharmacology* 37 (4): e2832. <https://doi.org/10.1002/hup.2832>.

Lynch, John. 1996. "KAVA-DRINKING IN SOUTHERN VANUATU: MELANESIAN DRINKERS, POLYNESIAN ROOTS." *The Journal of the Polynesian Society. Polynesian Society* 105 (1): 27–40. <http://www.jstor.org/stable/20706644>.

———. 2002. "Potent Roots and the Origin of Kava." *Oceanic Linguistics* 41 (2): 493–513. <https://doi.org/10.2307/3623318>.

Ma, Yuzhong, Karuna Sachdeva, Jirong Liu, Michael Ford, Dongfang Yang, Ikhlas A. Khan, Clinton O. Chichester, and Bingfang Yan. 2004. "Desmethoxyyangonin and Dihydromethysticin Are Two Major Pharmacological Kavalactones with Marked Activity on the Induction of CYP3A23." *Drug Metabolism and Disposition: The Biological Fate of Chemicals* 32 (11): 1317–24. <https://doi.org/10.1124/dmd.104.000786>.

Ma'u, I. 2017. "My Experience as a Female Tongan Kava Drinker." : *Anthropology and Pacific Studies* <https://researchcommons.waikato.ac.nz/handle/10289/11050>.

MacDonough, John, Brian Lovejoy, and Joel McCleary. 2003. WO2003013272A1.pdf. WIPO 03/013272 A1. *World Patent*, filed 2003, and issued 2003.

Madhavaram, H., T. Patel, and C. Kyle. 2020. "Kavain Interference with Amphetamine Immunoassay." *Journal of Analytical Toxicology*, December. <https://doi.org/10.1093/jat/bkaa178>.

Magura, E. I. 1996. "Effects of (±)-Kavain on Inactivation of Voltage-Operated Na⁺ Channels." *Neurophysiology* 28 (4): 173–77. <https://doi.org/10.1007/BF02262780>.

Magura, E. I., M. V. Kopanitsa, J. Gleitz, T. Peters, and O. A. Krishtal. 1997. "Kava Extract Ingredients, ()-Methysticin and (±)-Kavain Inhibit Voltage-Operated Na⁻Channels in Rat CA1 Hippocampal Neurons." *Neuroscience*. [https://doi.org/10.1016/s0306-4522\(97\)00177-2](https://doi.org/10.1016/s0306-4522(97)00177-2).

Malani, Joji. 2002. "Evaluation of the Effects of Kava on the Liver." *Evaluation* 12: 2.

Malsch, U., and M. Kieser. 2001. "Efficacy of Kava-Kava in the Treatment of Non-Psychotic Anxiety, Following Pretreatment with Benzodiazepines." *Psychopharmacology* 157 (3): 277–83. <https://doi.org/10.1007/s002130100792>.

Mamallapalli, Jessica, Siva Rama Raju Kanumuri, Pedro Corral, Edward Johnston, Chunlin Zhuang, Christopher R. McCurdy, Carol A. Mathews, Abhishek Sharma, and Chengguo Xing. 2022. "Characterization of Different Forms of Kava (*Piper Methysticum*) Products by UPLC-MS/MS." *Planta Medica* 88 (14): 1348–59. <https://doi.org/10.1055/a-1708-1994>.

Maneze, Della, Anau Speizer, Noeline Dalton, and Sarah Dennis. 2008. "A Descriptive Study of Kava Use among Tongan Men in Macarthur, Sydney South West." *Australian and New Zealand Journal of Public Health* 32 (4): 314–16. <https://doi.org/10.1111/j.1753-6405.2008.00246.x>.

Manikis, Nic, Ahmed Imran, Valerie Bichard, and Apo Aporosa. 2021. "National Kava Forum Report 2021 Moving Kava Forward in Australia." Fair Canberra, Inc.

Mariner, William. 1817. *An Account of The Natives of the Tonga Islands in The South Pacific Ocean*. Edited by John Martin.

Markham, Richard. 2022. "Promoting Kava Exports, Ignoring Sustainability." Vanuatu Daily Post. January 26, 2022. https://www.dailypost.vu/news/promoting-kava-exports-ignoring-sustainability/article_d3ce63ef-f948-52bf-814d-07f50a01cfdb.html.

Marrazzi, Amedo S. 1967. "Electropharmacological and Behavioral Actions of Kava." In *Ethnopharmacologic Search for Psychoactive Drugs*, 152–54.

Marriner, Chris. 2022. "Waikato Researcher Dr 'Apo' Aporosa Wins Fulbright to Study Kava as Treatment for Post-Traumatic Stress Disorder." *The New Zealand Herald*, March 6, 2022. <https://www.nzherald.co.nz/talanoa/waikato-researcher-dr-apo-aporosa-wins-fulbright-to-study-kava-as-treatment-for-post-traumatic-stress-disorder/BPDW53XZ2UKASDA6O2KTHQV2YI/>.

Marshall, Mac. 1976. "A Review and Appraisal of Alcohol and Kava Studies in Oceania." In *Cross-Cultural Approaches to the Study of Alcohol*, 103–18. De Gruyter Mouton.

<https://www.degruyter.com/document/doi/10.1515/9783110818895.103/html>.

Marshall, Mac, and Leslie B. Marshall. 1975. "OPENING PANDORA'S BOTTLE: RECONSTRUCTING MICRONESIANS' EARLY CONTACTS WITH ALCOHOLIC BEVERAGES." *The Journal of the Polynesian Society. Polynesian Society* 84 (4): 441–65. <http://www.jstor.org/stable/20705114>.

Marshall, Yvonne. 1985. "WHO MADE THE LAPITA POTS? A CASES STUDY IN GENDER ARCHAEOLOGY." *The Journal of the Polynesian Society. Polynesian Society* 94 (3): 205–33. <http://www.jstor.org/stable/20705934>.

Martin, Amanda C., Ed Johnston, Chengguo Xing, and Adrian D. Hegeman. 2014. "Measuring the Chemical and Cytotoxic Variability of Commercially Available Kava (*Piper Methysticum* G. Forster)." *PLoS One* 9 (11): e111572. <https://doi.org/10.1371/journal.pone.0111572>.

Masarrat, Samee Mukadam, Shaikh Mohammad Amaan Rafique, Jamir Tamboli Swaleha, and Hifzan Ulde Nawal. 2021. "Herbal Drug Interactions." *International Journal of Recent Advances in Multidisciplinary Topics* 2 (10): 111–14. <https://doi.org/10.1201/9780849355530>.

Mathews, J. D., M. D. Riley, L. Fejo, E. Munoz, N. R. Milns, I. D. Gardner, J. R. Powers, E. Ganygulpa, and B. J. Gununuwawuy. 1988. "Effects of the Heavy Usage of Kava on Physical Health: Summary of a Pilot Survey in an Aboriginal Community." *The Medical Journal of Australia* 148 (11): 548–55. <https://doi.org/10.5694/j.1326-5377.1988.tb93809.x>.

Mathews, James M., Amy S. Etheridge, and Sherry R. Black. 2002. "Inhibition of Human Cytochrome P450 Activities by Kava Extract and Kavalactones." *Drug Metabolism and Disposition: The Biological Fate of Chemicals* 30 (11): 1153–57. <https://doi.org/10.1124/dmd.30.11.1153>.

Mathews, James M., Amy S. Etheridge, John L. Valentine, Sherry R. Black, Donna P. Coleman, Purvi Patel, James So, and Leo T. Burka. 2005. "Pharmacokinetics and Disposition of the Kavalactone Kawain: Interaction with Kava Extract and Kavalactones in Vivo and in Vitro." *Drug Metabolism and Disposition: The Biological Fate of Chemicals* 33 (10): 1555–63. <https://doi.org/10.1124/dmd.105.004317>.

Matsuda, Hideaki, Noriko Hirata, Yoshiko Kawaguchi, Shunsuke Naruto, Takanobu Takata, Masayoshi Oyama, Munekazu Iinuma, and Michinori Kubo. 2006. "Melanogenesis Stimulation in Murine B16 Melanoma Cells by Kava (*Piper*

Methysticum) Rhizome Extract and Kavalactones." *Biological & Pharmaceutical Bulletin* 29 (4): 834–37. <https://doi.org/10.1248/bpb.29.834>.

Matsuo, Jodi, and P. H. Dr. 2022. "Back to Our Roots: 'Awa.' Ka Wai Ola. Office of Hawaiian Affairs. July 1, 2022. <https://kawaiola.news/malama-i-kou-kino/back-to-our-roots-awa/>.

McDonald, David, and Anit A. Jowit T. 2000. "Kava in the Pacific Islands: A Contemporary Drug of Abuse?" *Drug and Alcohol Review* 19: 217.

McGowan, John. 2023. "The Pharmacology of the Active Compounds in Kava Is Complex." <https://rootandpestlekava.com.au/>.

Mckay, Cecelia, and Grenfell Campus. 2014. "Refill Your Prescription From Your Backyard: Herbal Medicine in the Treatment of Anxiety, a Review of the Clinical Evidence for Kava and Passionflower." *Psychology Program Independent Projects May 2014*, 93. <https://core.ac.uk/download/pdf/33560389.pdf#page=99>.

"MDARD Kava Memo 1-11-2023.pdf." n.d.

Mead, Margaret. 1928. *Coming of Age in Samoa - A Psychological Study of Primitive Youth for Western Civilization*. New York: William Morrow & Company.

Meissner, Oliver, and Hanns Häberlein. 2005. "HPLC Analysis of Flavokavins and Kavapyrones from Piper Methysticum Forst." *Journal of Chromatography. B, Analytical Technologies in the Biomedical and Life Sciences* 826 (1-2): 46–49. <https://doi.org/10.1016/j.jchromb.2005.08.003>.

Melchert, Philip W., Yuli Qian, Qingchen Zhang, Brandon O. Klee, Chengguo Xing, and John S. Markowitz. 2022. "In Vitro Inhibition of Carboxylesterase 1 by Kava (Piper Methysticum) Kavalactones." *Chemico-Biological Interactions* 357 (April): 109883. <https://doi.org/10.1016/j.cbi.2022.109883>.

Mental Health America. 2016. "Complementary & Alternative Medicine for Mental Health." Mental Health America.

Meo-Sewabu, Litea Diloki. 2015. "The Cultural Constructs of Health and Wellbeing amongst Marama iTaukei in a Fijian Village in Lau and in a Transnational Fijian Community in Whanganui, Aotearoa." Doctor of Philosophy in Social Policy , Massey University.

Merlin, Mark, and William Raynor. 2004. "Modern Use and Environmental Impact of the Kava Plant in Remote Oceania." *Dangerous Harvest: Drug Plants and the Transformation of Indigenous Landscapes*, 274–93. https://www.researchgate.net/profile/Mark-Merlin/publication/346830193_Modern_Use_and_Environmental_Impact_of_the_Kava_Plant_in_Remote_Oceania/links/60ac081945851522bc1517f4/Modern-Use-and-Environmental-Impact-of-the-Kava-Plant-in-Remote-Oceania.pdf.

———. 2005. "Kava Cultivation, Native Species Conservation, and Integrated Watershed Resource Management on Pohnpei Island." *Pacific Science* 59 (2): 241–60. <https://doi.org/10.1353/psc.2005.0024>.

Meseguer, Elena, Rocio Taboada, Vicenta Sánchez, María Angeles Mena, Victor Campos, and Justo García De Yébenes. 2002. "Life-Threatening Parkinsonism Induced by Kava-Kava." *Movement Disorders: Official Journal of the Movement Disorder Society* 17 (1): 195–96. <https://doi.org/10.1002/mds.1268>.

Meyer, H. J. 1965. "Antagonistic Effects of Genuine Kawa-Pyrons in Experimental Inflammation and Fever." *Klinische*

Wochenschrift 43: 469–70. <https://doi.org/10.1007/BF01483859>.

Meyer, Hans J. 1967. “Pharmacology of Kava.” In *Ethnopharmacologic Search for Psychoactive Drugs*, 133–40.

Mikell, J. R., B. T. Schaneberg, and I. A. Khan. 2003. “Isolation and Purification of Kava Lactones by High Performance Centrifugal Partition Chromatography.” *Journal of Liquid Chromatography & Related Technologies* 26 (18): 3069–74. <https://doi.org/10.1081/JLC-120025423>.

Mills, Edward, Rana Singh, Cory Ross, Edzard Ernst, and Joel G. Ray. 2003. “Sale of Kava Extract in Some Health Food Stores.” *CMAJ: Canadian Medical Association Journal = Journal de l’Association Medicale Canadienne* 169 (11): 1158–59. <https://www.ncbi.nlm.nih.gov/pubmed/14638649>.

Mills, Paul J., Noha H. Farag, Ruth P. Newton, and Barbara L. Parry. 2002. “Effects of a Traditional Herbal Supplement on Anxiety in Patients with Generalized Anxiety Disorder.” *Journal of Clinical Psychopharmacology* 22 (4): 443–44. <https://doi.org/10.1097/00004714-200208000-00024>.

Mills, S. Y., B. Steinhoff, and ESCOP. 2003. “Kava-Kava: A Lesson for the Phytomedicine Community.” *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 10 (2-3): 261–62. <https://doi.org/10.1078/094471103321660003>.

Minh, Truong Ngoc, Truong Mai Van, Tran Dang Khanh, and Tran Dang Xuan. 2022. “Isolation and Identification of Constituents Exhibiting Antioxidant, Antibacterial, and Antihyperuricemia Activities in Piper Methysticum Root.” *Foods (Basel, Switzerland)* 11 (23). <https://doi.org/10.3390/foods11233889>.

MINISTERIAL COUNCIL ON DRUG STRATEGY. 2006. “NATIONAL DRUG STRATEGY.” In *Aboriginal and Torres Strait Islander Peoples Complementary Action Plan 2003–2009*, 85. PO Box 9848 Canberra ACT 2601: MINISTERIAL COUNCIL ON DRUG STRATEGY.

Ministry of Agriculture. 2020. “Growing Yaqona for Cash - Farmer’s Leaflet 2020.”

Mohanty, Manoranjan. 2017. “Fiji Kava: Production, Trade, Role and Challenges.” *The Journal of Pacific Studies* 37 (1): 5–30.

Moldofsky, Leora. 2001. “Long Circumscribed by Ritual, Kava Is Breaking out of Traditional Constraints and Becoming an Everyday Escape-and Problem.” *Time*, August 20, 2001. <https://content.time.com/time/world/article/0,8599,2047865,00.html>.

Molho, Jossang P. 1970. “Etude Des Constituants Des Feuilles de Piper Methysticum Forst.” *Bulletin Du Museum National d’Histoire Naturelle*, no. 1970: 440–47.

Moore, John William. 1934. “TAXONOMIC STUDIES OF RAIATEAN PLANTS.” *Bernice P Bishop Museum Occasional Papers* 10 (19). <http://hbs.bishopmuseum.org/pubs-online/pdf/op10-19.pdf>.

Morgan, Kelly. 2022. “Kava Rash Picture.” <https://www.facebook.com/photo.php?fbid=10224382349600219>.

Moulds, Robert F. W., and Joji Malani. 2003. “Kava: Herbal Panacea or Liver Poison?” *The Medical Journal of Australia* 178 (9): 451–53. <https://doi.org/10.5694/j.1326-5377.2003.tb05289.x>.

Mrnjavac, Tamara. 2012. “Is Kava (*Piper Methysticum*) Safe and Effective for Reducing Anxiety in Adult Patients 18-65?”

digitalcommons.pcom.edu. 2012.
http://digitalcommons.pcom.edu/cgi/viewcontent.cgi?article=1083&context=pa_systematic_reviews.

Mückler, Hermann. 2013. "Chiefs, Coups and Kava: Conflicts and Conflict Resolution in Fiji." <http://www.hermann-mueckler.com/pdf/Communi+Conflict.pdf>.

Mulholland, Patrick J., and Mark A. Prendergast. 2002. "Post-Insult Exposure to (+/-) Kavain Potentiates N-Methyl-D-Aspartate Toxicity in the Developing Hippocampus." *Brain Research* 945 (1): 106–13. [https://doi.org/10.1016/s0006-8993\(02\)02745-2](https://doi.org/10.1016/s0006-8993(02)02745-2).

Mullally, M., C. Cayer, A. Muhammad, B. Walshe-Roussel, F. Ahmed, P. E. Sanchez-Vindas, M. Otarola Rojas, et al. 2016. "Anxiolytic Activity and Active Principles of Piper Amalago (Piperaceae), a Medicinal Plant Used by the Q'eqchi' Maya to Treat Susto, a Culture-Bound Illness." *Journal of Ethnopharmacology* 185 (June): 147–54.
<https://doi.org/10.1016/j.jep.2016.03.013>.

Münte TF, Heinze HJ, Matzke M, Steitz J. 1993. "Effects of Oxazepam and an Extract of Kava Roots (*Piper Methysticum*) on Event-Related Potentials in a Word Recognition Task." *Neuropsychobiology* 27 (1): 46–53.
<https://doi.org/10.1159/000118952>.

Murauer, Adele, and Markus Ganzen. 2017. "Quantitative Determination of Lactones in *Piper Methysticum* (Kava-Kava) by Supercritical Fluid Chromatography." *Planta Medica* 83 (12-13): 1053–57. <https://doi.org/10.1055/s-0043-100632>.

Murphy, J. M. 1999. "Preoperative Considerations with Herbal Medicines." *AORN Journal* 69 (1): 173–75, 177–78, 180–83. [https://doi.org/10.1016/s0001-2092\(06\)62767-1](https://doi.org/10.1016/s0001-2092(06)62767-1).

Murray, Michael. 2012. "Toxicological Actions of Plant-Derived and Anthropogenic Methylenedioxymethamphetamine-Substituted Chemicals in Mammals and Insects." *Journal of Toxicology and Environmental Health. Part B, Critical Reviews* 15 (6): 365–95. <https://doi.org/10.1080/10937404.2012.705105>.

Murray, Michael T. 2013. "Piper Methysticum (Kava)." *Textbook of Natural Medicine*. <https://doi.org/10.1016/b978-1-4377-2333-5.00114-0>.

Musselmann B & Cappellaro. 2015. "Kava Kava." *Zeitschrift Für Komplementärmedizin* 07 (03): 44–45.
<https://doi.org/10.1055/s-0035-1554957>.

Musser, Steven M. 2005. "Kava (*Piper Methysticum*).". In *Encyclopedia of Dietary Supplements*, edited by Paul M. Coates, Marc R. Blackman, Gordon M. Cragg, Mark Levine, Joel Moss, and Jeffrey D. White, 373–80. Bethesda, Maryland: National Institutes of Health.

mustacheattempted. 2022. "Allergic Reaction Hives Rash from Kava (not Dermopathy)." Reddit.com/r/kava. September 30, 2022. https://www.reddit.com/r/Kava/comments/xs9o91/allergic_reaction_hives_rash_from_kava_not/.

Muszyńska, Bożena, Maciej Łojewski, Jacek Rojowski, Włodzimierz Opoka, and Katarzyna Sułkowska-Ziaja. 2015. "Natural Products of Relevance in the Prevention and Supportive Treatment of Depression." *Psychiatria Polska* 49 (3): 435–53.
<https://doi.org/10.12740/PP/29367>.

Nagao, A., M. Seki, and H. Kobayashi. 1999. "Inhibition of Xanthine Oxidase by Flavonoids." *Bioscience, Biotechnology, and Biochemistry* 63 (10): 1787–90. <https://doi.org/10.1271/bbb.63.1787>.

Naidu, S. L., G. Heller, L. Deakin, J. Naidu, I. Tukana, S. Nakalevu, M. Baseisei, A. Daivalu, and R. Gyaneshwar. 2020. "BASELINE KNOWLEDGE, ATTITUDE, PRACTICE AND BARRIERS (KAPB) REGARDING LIFESTYLE RISK FACTORS FOR NON COMMUNICABLE DISEASES IN BA PROVINCE, FIJI." *Fiji Medical Journal* 24 (3): 85–93.

Naiker, Mani, Sunny Y. Prasad, Ranjeeta D. Singh, Joslin A. Singh, and Tevita N. Voro. 2006. "Occurrence in Kava Roots of Kava Lactone-Yielding Precursor(s)." *Natural Product Communications* 1 (9): 1934578X0600100. <https://doi.org/10.1177/1934578x0600100904>.

Narayananpillai, Sreekanth C., Silvia Balbo, Pablo Leitzman, Alex E. Grill, Pramod Upadhyaya, Ahmad Ali Shaik, Bo Zhou, et al. 2014. "Dihydromethysticin from Kava Blocks Tobacco Carcinogen 4-(methylnitrosamino)-1-(3-Pyridyl)-1-Butanone-Induced Lung Tumorigenesis and Differentially Reduces DNA Damage in A/J Mice." *Carcinogenesis* 35 (10): 2365–72. <https://doi.org/10.1093/carcin/bgu149>.

Narayananpillai, Sreekanth C., Pablo Leitzman, M. Gerard O'Sullivan, and Chengguo Xing. 2014. "Flavokawains a and B in Kava, Not Dihydromethysticin, Potentiate Acetaminophen-Induced Hepatotoxicity in C57BL/6 Mice." *Chemical Research in Toxicology* 27 (10): 1871–76. <https://doi.org/10.1021/tx5003194>.

Narayananpillai, Sreekanth C., Linda B. von Weymarn, Steven G. Carmella, Pablo Leitzman, Jordan Paladino, Pramod Upadhyaya, Stephen S. Hecht, Sharon E. Murphy, and Chengguo Xing. 2016. "Dietary Dihydromethysticin Increases Glucuronidation of 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanol in A/J Mice, Potentially Enhancing Its Detoxification." *Drug Metabolism and Disposition: The Biological Fate of Chemicals* 44 (3): 422–27. <https://doi.org/10.1124/dmd.115.068387>.

Naswp, Who. 2020. "PROPOSED DRAFT REGIONAL STANDARD FOR KAVA PRODUCTS FOR USE AS A BEVERAGE WHEN MIXED WITH WATER." <http://www.fao.org/fao-who-codexalimentarius/meetings/detail/en/?meeting=CCFL&session=46>: WHO.

Natanielu, Sonny. 2016. "The Tānoa: An Indigenous Approach to Holistic Health." <https://samoanstudies.ws/wp-content/uploads/2016/02/5.2-The-Tanoa-an-indigenous-approach-to-holistic-health-Sonny-Natan.compressed.pdf>.

National Institute of Health. 2018. "Bethesda (MD): National Institute of Diabetes and Digestive and Kidney Diseases; 2012-. Kava Kava." In *LiverTox: Clinical and Research Information on Drug- Induced Liver Injury*. NIH.

National Toxicology Program. 2012. "Risk Profile Piper Methysticum." 84696-40-2/9000-38-8.

Naumov, Pan če, Klaus Dragull, Masahiro Yoshioka, Chung-Shih Tang, and Seik Weng Ng. 2008. "Structural Characterization of Genuine (–)-Pipermethystine, (–)-Epoxypipermethystine, (+)-Dihydromethysticin and Yangonin from the Kava Plant (Piper Methysticum)." *Natural Product Communications* 3 (8): 1333–36.

Naumov, Panče, Klaus Dragull, Masahiro Yoshioka, Chung-Shih Tang, and Seik Weng Ng. 2008. "Structural Characterization of Genuine (–)-Pipermethystine, (–)-Epoxypipermethystine, (+)-Dihydromethysticin and Yangonin from the Kava Plant (Piper Methysticum)." *Natural Product Communications* 3 (8): 1934578X0800300819. <https://doi.org/10.1177/1934578X0800300819>.

NEDJIPa, Gjulten, and Eyyüp Karaogul. 2021. "ADSORPTIVE BUBBLE SEPARATION METHODS (ABSM): FOAM FRACTION." *INTERNATIONAL JOURNAL OF CURRENT NATURALSCIENCE AND ADVANCE PHYTOCHEMISTRY* 1 (4): 1–17.

Nemecz, George, and Troy J. Lee. 2000. "Kava Kava." *None*. http://www.pharmacistsmb.ca/files/Sept-Oct2000/Kava_Kava.pdf.

Nerurkar, Pratibha V., Klaus Dragull, and Chung-Shih Tang. 2004. "In Vitro Toxicity of Kava Alkaloid, Pipermethystine, in HepG2 Cells Compared to Kavalactones." *Toxicological Sciences: An Official Journal of the Society of Toxicology* 79 (1): 106–11. <https://doi.org/10.1093/toxsci/kfh067>.

Neuhaus, W., Y. Ghaemi, T. Schmidt, and E. Lehmann. 2000. "[Treatment of perioperative anxiety in suspected breast carcinoma with a phytopreparative tranquilizer]." *Zentralblatt fur Gynakologie* 122 (11): 561–65. <https://doi.org/10.1055/s-2000-10087>.

Neuman, Jan. 2014. "Influence of Kavalactones on Microglia and Astrocytes." Edited by J. Sievers. Anatomical Institute.

Nevada Division of Public and Behavioral Health – Environmental Health Section. 2023. "Nevada Division of Public and Behavioral Health: Kava At Retail 2023." NEVADA DIVISION OF PUBLIC AND BEHAVIORAL HEALTH ENVIRONMENTAL HEALTH SECTION.

Neveen. 2010. "Anxiolytic Action and Safety of Kava: Effect on Rat Brain Acetylcholinesterase Activity and Some Serum Biochemical Parameters." *West African Journal of Pharmacology and Drug Research*. <https://academicjournals.org/journal/AJPP/article-full-text-pdf/D99021436752>.

Nevermann, Hans. 1938. "Kawa Auf Neuguinea." *Ethnos* 3 (6): 179–92. <https://doi.org/10.1080/00141844.1938.9980549>.

Newell, W. H. 1947. "THE KAVA CEREMONY IN TONGA." *The Journal of the Polynesian Society. Polynesian Society* 56 (4): 364–417. <http://www.jstor.org/stable/20703131>.

Ngirasowi, J., and J. Malani. 1998. "The Relationship between Sakau (kava) and Gastritis." *Pacific Health Dialog* 5 (2): 266–67. <http://pacifichealthdialog.org.fj/Volume205/No220The20Health20of20Native20Hawaiians/Case20Repots20and20Short20Communications/The20relationship20between20Sakau.pdf>.

Nielssen, Olav, Atsumi Fukui, Lisa Fawkner, and Kipling Walker. 2014. "Va'a Fakalelei 'Atamai: Restoring the Mind in the Kingdom of Tonga." *Australasian Psychiatry: Bulletin of Royal Australian and New Zealand College of Psychiatrists* 22 (2): 183–85. <https://doi.org/10.1177/1039856214520792>.

Niu, Lifeng, Lina Ding, Chunyun Lu, Feifei Zuo, Ke Yao, Shaobo Xu, Wen Li, Donghua Yang, and Xia Xu. 2016. "Flavokawain A Inhibits Cytochrome P450 in in Vitro Metabolic and Inhibitory Investigations." *Journal of Ethnopharmacology* 191 (September): 350–59. <https://doi.org/10.1016/j.jep.2016.06.039>.

None. 2012. "Manager Analytical Services Attends Kava Meeting in Vanuatu." *IAS News*, 2012, December 2012 edition.

None, Listed. 2005. "WHAT'S THAT STUFF?" *Chemical & Engineering News Archive* 83 (46): 53. <https://doi.org/10.1021/cen-v083n046.p053>.

Noor, Neveen A. 2010. "Anxiolytic Action and Safety of Kava: Effect on Rat Brain Acetylcholinesterase Activity and Some Serum Biochemical Parameters." *African Journal of Pharmacy and Pharmacology* 4 (11): 823–28. <http://dx.doi.org/>.

Northern Territory Government. 2020. "Penalty Units." Northern Territory Government. June 22, 2020. <https://justice.nt.gov.au/attorney-general-and-justice/units-and-amounts/penalty-units>.

Norton, S. A. 1998. "Herbal Medicines in Hawaii from Tradition to Convention." *Hawaii Medical Journal* 57 (1): 382–86. <https://www.ncbi.nlm.nih.gov/pubmed/9509742>.

Norton, S. A., and P. Ruze. 1994. "Kava Dermopathy." *Journal of the American Academy of Dermatology* 31 (1): 89–97. [https://doi.org/10.1016/s0190-9622\(94\)70142-3](https://doi.org/10.1016/s0190-9622(94)70142-3).

Nosa, Vili, and Malakai Ofanoa. 2009. "The Social, Cultural and Medicinal Use of Kava for Twelve Tongan Born Men Living in Auckland, New Zealand." *Pacific Health Dialog* 15 (1): 96–102. <https://www.ncbi.nlm.nih.gov/pubmed/19585739>.

Nowacki, Luciana Cristina, Paulo Roberto Worfel, Paulo Francisco Arant Martins, Rosane Sampaio dos Santos, José Stechman-Neto, and Wesley Mauricio de Souza. 2015. "Analgesic Effect of Hypericum Perforatum, Valeriana Officinalis and Piper Methysticum for Orofacial Pain." *Brazilian Journal of Oral Sciences* 14 (1): 60–65. <https://doi.org/10.1590/1677-3225v14n1a12>.

Nuha, Musheerah. n.d. "Pasifika Healthcare Professionals' Perspectives on Psychedelic-Assisted Therapy."

Núñez Valdés, Juan, Fernando de Pablos Pons, and Antonio Ramos Carrillo. 2022. "Pioneering Black African American Women Chemists and Pharmacists." *Foundations* 2 (3): 624–38. <https://doi.org/10.3390-foundations2030043>.

O'hara, Maureen J., William J. Kinnard, and Joseph P. Buckley. 1965. "Preliminary Characterization of Aqueous Extracts of Piper Methysticum (Kava, Kawa Kawa)." *J Pharm Sci.* 54 (7): 1021–25. <https://doi.org/10.1002/jps.2600540715>.

O'Rorke. 1865. "Du Kawa-Kawa Ou Piper Methysticum." *Revue Coloniale de Medecine & Chirurgie* 16: 85–92.

O'Sullivan, Harriet M., and Kehaulani Lum. 2004. "The Poisoning of 'awa: The Non-Traditional Use of an Ancient Remedy." *Pacific Health Dialog* 11 (2): 211–15.

O'Sullivan, Harriet Makia Awana, and Kehulani Lum. 2001. "Herbal Medicine on the Rise: The Case of 'Awa." *Pacific Health Dialog* 8 (2): 380–87.

Ofanoa, Malakai, Stephen Buetow, Samuela Ofanoa, Peter Huggard, Janine Paynter, and Vili Nosa. 2020. "Reasons for and Impacts of Kava Use by Tongan Men in Kava Clubs in Auckland and Tonga." *Social Sciences* 9 (2): 56–60. <https://pdfs.semanticscholar.org/17e2/4e08a5f53d273c78660f5181125db790e8ab.pdf>.

Office of Drug Control. 2019. "Pilot Program to Ease Restrictions on the Importation of Kava for Personal Use." Australian Government Department of Health. <https://www.odc.gov.au/sites/default/files/consultation-pilot-program-ease-restrictions-importation-kava-personal-use.pdf>.

Oh, Robert C., Thomas R. Hustead, Syed M. Ali, and Matthew W. Pantsari. 2017. "Mildly Elevated Liver Transaminase Levels: Causes and Evaluation." *American Family Physician* 96 (11): 709–15. <https://www.ncbi.nlm.nih.gov/pubmed/29431403>.

Olsen, Line R., Mark P. Grillo, and Christian Skonberg. 2011. "Constituents in Kava Extracts Potentially Involved in Hepatotoxicity: A Review." *Chemical Research in Toxicology* 24 (7): 992–1002. <https://doi.org/10.1021/tx100412m>.

Ooi, Soo Liang, Penny Henderson, and Sok Cheon Pak. 2018. "Kava for Generalized Anxiety Disorder: A Review of Current Evidence." *Journal of Alternative and Complementary Medicine* 24 (8): 770–80. <https://doi.org/10.1089/acm.2018.0001>.

Orcherton, Dan F. 2011. "Forging Fijian Camaraderie: The Cultural Significance and Social Uses of Kava (yaqona)(Piper

Methysticum Forst. F) in Three Upper Watershed Communities in North Western Viti Levu (Fiji Islands)." *Journal of South Pacific Agriculture*, 19. https://www.academia.edu/download/37954917/JOSPA_Vol_15_nos_1_2_2011.pdf#page=23.

Osborn, Tom. 2001. "Pacific Kava: A Producer's Guide." Secretariat of the Pacific Community. <http://www.awadevelopment.org/wp-content/uploads/2014/01/Kava-Production-Guide-Final-Edited1.pdf>.

Over and out for Kava-Kava Products. 2001. Vol. 2001. arznei-telegramm. https://www.arznei-telegramm.de/journal/j_0112.php3.

P., Cabalion, Barguil Y., Duhet D., Mandeau A., Warter S., Russmann S., Tarbah F., and Daldrup Th. 2005. "Kava in Modern Therapeutic Uses: To a Better Evaluation of the Benefit/risk Relation. Researches in New Caledonia and in Futuna." <https://www.semanticscholar.org/paper/Kava-in-modern-therapeutic-uses%3A-to-a-better-of-the-Mandeau-Warter/20fec3d5bddfe31114a2ecea090b9ea9111a3c1b>.

Pan, Huayang, Fukai Liu, Jinge Wang, Ming Zhao, Dawei Wang, Chen Jia, Tong Wang, et al. 2020. "Dihydromethysticin, a Natural Molecule from Kava, Suppresses the Growth of Colorectal Cancer via the NLRC3/PI3K Pathway." *Molecular Carcinogenesis* 59 (6): 575–89. <https://doi.org/10.1002/mc.23182>.

Pantano, Flaminia, Roberta Tittarelli, Giulio Mannocchi, Simona Zaami, Serafino Ricci, Raffaele Giorgetti, Daniela Terranova, Francesco P. Busardò, and Enrico Marinelli. 2016. "Hepatotoxicity Induced by 'the 3Ks': Kava, Kratom and Khat." *International Journal of Molecular Sciences* 17 (4): 580. <https://doi.org/10.3390/ijms17040580>.

Pares, R. D. A., M. R. A. Gillings, R. B. Davis, and J. F. C. Brown. 1992. "Cucumber Mosaic Cucumovirus Associated with Kava Plants Showing Symptoms of Dieback Disease in Fiji and Tonga." *Australasian Plant Pathology: APP* 21 (4): 169–71. <https://doi.org/10.1071/APP9920169>.

Pareti, Samisoni. 2022. "Kava: The State of Play. Tavalu's Future Now." *Island Business*, April 2022.

Park, Chung, and Jong-Min Han. 2016. "Anti-Inflammatory Effects of Flavokavain C from Kava (Piper Methysticum) Root in the LPS-Induced Macrophages." *Journal of the Society of Cosmetic Scientists of Korea* 42 (4): 311–20. <https://doi.org/10.15230/SCSK.2016.42.4.311>.

Parker, Jo-Anne, Thomas T. Kurien, and Clare Huppertz. 2014. "Hepatitis A Outbreak Associated with Kava Drinking." *Communicable Diseases Intelligence Quarterly Report* 38 (1): E26–28. <https://www.ncbi.nlm.nih.gov/pubmed/25409352>.

Parkinson, Sydney. 1773. *A Journal of a Voyage to the South Seas, in His Majesty's Ship: The Endeavour*. S. Parkinson, the editor, and sold. <https://play.google.com/store/books/details?id=yv5cAAAAcAAJ>.

Parkman, Cynthia A. 2002. "Another FDA Warning: Kava Supplements." *The Case Manager* 13 (4): 26–28. <https://doi.org/10.1067/mcm.2002.126437>.

Parmar, Virinder S., Subhash C. Jain, Kirpal S. Bisht, Rajni Jain, Poonam Taneja, Amitabh Jha, Om D. Tyagi, et al. 1997. "Phytochemistry of the Genus Piper." *Phytochemistry* 46 (4): 597–673. [https://doi.org/10.1016/s0031-9422\(97\)00328-2](https://doi.org/10.1016/s0031-9422(97)00328-2).

Patra, Kunal K., and C. Edward Coffey. 2004. "Implications of Herbal Alternative Medicine for Electroconvulsive Therapy." *The Journal of ECT* 20 (3): 186–94. <https://doi.org/10.1097/00124509-200409000-00011>.

Peak. 2021. "Kava: Mythical Origins and Epic Coevolution." *Herbal Reality*. October 29, 2021. <https://www.herbalreality.com/herbalism/safety/kava-mythical-origins-epic-coevolution/>.

- Pearl, Phillip L., Ian M. Drillings, and Joan A. Conry. 2011. "Herbs in Epilepsy: Evidence for Efficacy, Toxicity, and Interactions." *Seminars in Pediatric Neurology* 18 (3): 203–8. <https://doi.org/10.1016/j.spen.2011.06.007>.
- Pendell, Dale, and Gary Snyder, eds. 1994. "Piper Methysticum." In *Pharmako/Poeia: Plant Powers, Poisons, and Herbcraft*, 158–65. Mercury House.
- Pepping, J. 1999. "Kava: Piper Methysticum." *American Journal of Health-System Pharmacy: AJHP: Official Journal of the American Society of Health-System Pharmacists* 56 (10): 957–58, 960. <https://doi.org/10.1093/ajhp/56.10.957>.
- Peralta, Alexandra. 2022. "The Role of Men and Women in Agriculture and Agricultural Decisions in Vanuatu." *Asia & the Pacific Policy Studies*, April. <https://doi.org/10.1002/app5.344>.
- Perez, Juan, and James F. Holmes. 2005. "Altered Mental Status and Ataxia Secondary to Acute Kava Ingestion." *The Journal of Emergency Medicine* 28 (1): 49–51. <https://doi.org/10.1016/j.jemermed.2004.10.003>.
- Perminow, Arne Aleksej. 1995. "'Recreational' Drinking In Tonga. Kava and the Constitution of Social Relationships." *Canberra Anthropology* 18 (1-2): 119–35. <https://doi.org/10.1080/03149099509508411>.
- Pescitelli, G., A. R. Bilia, M. C. Bergonzi, F. F. Vincieri, and L. Di Bari. 2010. "Cyclodextrins as Carriers for Kavalactones in Aqueous Media: Spectroscopic Characterization of (S)-7,8-Dihydrokavain and Beta-Cyclodextrin Inclusion Complex." *Journal of Pharmaceutical and Biomedical Analysis* 52 (4): 479–83. <https://doi.org/10.1016/j.jpba.2010.01.037>.
- Peterman, Kaeleigh, and Emily Reynolds. 2019. "Kava-Induced Ichthyosis." *Journal of the Dermatology Nurses' Association* 11 (6): 280. <https://doi.org/10.1097/JDN.0000000000000503>.
- Petersen, Andrea. 1998. "Kava Hopes It's Set to Become the next Big Herbal Blockbuster." *Wall Street Journal (Eastern Ed.)*, February 26, 1998. <https://www.wsj.com/articles/SB888450204130921500>.
- Petersen, Glenn. 1995. "The Complexity of Power, the Subtlety of Kava." *Canberra Anthropology* 18 (1-2): 34–60. <https://doi.org/10.1080/03149099509508408>.
- Petersen, Greg E., Yijin Tang, and Christine Fields. 2019. "Chemical and in Vitro Toxicity Analysis of a Supercritical Fluid Extract of Kava Kava (*Piper Methysticum*)."*Journal of Ethnopharmacology* 235 (May): 301–8. <https://doi.org/10.1016/j.jep.2019.01.032>.
- Pfeiffer, Carl C., B. Henry Murphree, and Leonide Goldstein. 1967. "Effect of Kava in Normal Subjects and Patients." In *Ethnopharmacologic Search for Psychoactive Drugs*, 155–61.
- PHAMA. 2017. "Fiji Kava Quality Manual." Australian & New Zealand Governments. https://phamaplus.com.au/wp-content/uploads/2017/07/Kava-Quality-Manual_E-copy2.pdf.
- . 2018. *FIJI KAVA VALUE CHAIN ANALYSIS*. Australian Government and New Zealand Government.
- Phang, Chung-Weng, Sri Nurestri Abd Malek, and Saiful Anuar Karsani. 2021. "Flavokawain C Exhibits Anti-Tumor Effects on in Vivo HCT 116 Xenograft and Identification of Its Apoptosis-Linked Serum Biomarkers via Proteomic Analysis." *Biomedicine & Pharmacotherapy = Biomedecine & Pharmacotherapie* 137 (May): 110846. <https://doi.org/10.1016/j.biopha.2020.110846>.

- Pharmacovigilance. 2019. "Drugs Containing Kava-Kava. Defense against Drug Hazards Level II." BfArM.
- Philibert, Jean-Marc. 2010. "The Politics of Tradition: Toward a Generic Culture in Vanuatu." *Mankind* 16 (1): 1–12. <https://doi.org/10.1111/j.1835-9310.1986.tb01274.x>.
- Pinn, Graham, and Dubai London Clinic. 2004. "KAVA (Piper Methysticum)." *Annals of the ACTM: An International Journal of Tropical and Travel Medicine* 5 (1): 5–7. <https://doi.org/10.3316/informat.239996800221347>.
- Pinner, Keanu D., Christina T. K. Wales, Rachel A. Gristock, Hoa T. Vo, Nadine So, and Aaron T. Jacobs. 2016. "Flavokawains A and B from Kava (Piper Methysticum) Activate Heat Shock and Antioxidant Responses and Protect against Hydrogen Peroxide-Induced Cell Death in HepG2 Hepatocytes." *Pharmaceutical Biology* 54 (9): 1503–12. <https://doi.org/10.3109/13880209.2015.1107104>.
- "Piperis Methystici Rhizoma (Kava-Kava-Wurzelstock)." 1990. June 1, 1990. <https://buecher.heilpflanzen-welt.de/BGA-Kommission-E-Monographien/piperis-methystici-rhizoma-kava-kava-wurzelstock.htm>.
- Piscopo, Gary, and N. D. 1997. "Kava Kava: Gift of the Islands." *Alternative Medicine Review* 2 (5): 355–64. <http://www.anaturalhealingcenter.com/documents/Thorne/articles/KavaKava.pdf>.
- Pittler, M. H., and E. Ernst. 2003. "Kava Extract versus Placebo for Treating Anxiety." *Cochrane Database of Systematic Reviews*, no. 1. <https://doi.org/10.1002/14651858.CD003383>.
- Plus, Phama. n.d. "Improving Compliance & Understanding the Market (Kava)." Australian Aid.
- Pluskal, Tomáš, Michael P. Torrens-Spence, Timothy R. Fallon, Andrea De Abreu, Cindy H. Shi, and Jing-Ke Weng. 2019. "The Biosynthetic Origin of Psychoactive Kavalactones in Kava." *Nature Plants* 5 (8): 867–78. <https://doi.org/10.1038/s41477-019-0474-0>.
- Pollastri, Michael P., Adrian Whitty, Jamie Cassidy Merrill, Xiaoren Tang, Trent D. Ashton, and Salomon Amar. 2009. "Identification and Characterization of Kava-Derived Compounds Mediating TNF-Alpha Suppression." *Chemical Biology & Drug Design* 74 (2): 121–28. <https://doi.org/10.1111/j.1747-0285.2009.00838.x>.
- Pollock, Lebot, Petersen, Young, Turner, and d'Abbs. 1995. "The Power of Kava." In *Canberra Anthropology*, 249. Vol. 18, Canberra Anthropology (Special volume, 1&2). California: Canberra: Australian National University.
- Pollock, Nancy J. 1989. "The Abandoned Narcotic: Kava and Cultural Instability in Melanesia. Ron Brunton, Jack Goody." *American Anthropologist* 93 (4): 1024–25. <https://doi.org/10.1525/aa.1991.93.4.02a00910>.
- . 1995a. "The Power of Kava." *Canberra Anthropology* 18 (1-2): 1–19. <https://doi.org/10.1080/03149099509508406>.
- . 1995b. "The Power Of Kava In Futuna And Uvea/Wallis." *Canberra Anthropology* 18 (1-2): 136–65. <https://doi.org/10.1080/03149099509508412>.
- . 2009. "Sustainability of the Kava Trade." *The Contemporary Pacific* 21 (2): 265–97. <https://doi.org/10.1353/cp.0.0070>.
- Pont-Fernandez, Salma, Marina Kheyfets, Jeffrey M. Rogers, Kirsten E. Smith, and David H. Epstein. 2022. "Kava (Piper Methysticum) in the United States: The Quiet Rise of a Substance with Often Subtle Effects." *The American Journal of*

Drug and Alcohol Abuse, November, 1–12. <https://doi.org/10.1080/00952990.2022.2140292>.

Potter, P., W. Reynolds, and G. Lawrence. 1881. "Kava in the Treatment of Tetanus and Trismus." *The Lancet*, 75. [https://doi.org/10.1016/s0140-6736\(02\)33316-6](https://doi.org/10.1016/s0140-6736(02)33316-6).

Prain, D. 1917. "The Geographical Diffusion of Kava and Bethel." *Man* 17: 110.

Prasad, Naren, and Shiu Raj. 2006. "The Perils of Unmanaged Export Growth: The Case of Kava in Fiji." *International Journal of Entrepreneurship & Small Business* 19 (4): 381–93. <https://doi.org/10.1080/08276331.2006.10593378>.

Pratt, Ma Rugby. 1922. "A Kava Ceremony in Tonga." *The Journal of the Polynesian Society. Polynesian Society* 31: 198–201.

Prescott, J. 1990. "Kava Use in Australia." *Drug and Alcohol Review* 9 (4): 325–28. <https://doi.org/10.1080/09595239000185451>.

Prescott, J., D. Jamieson, N. Emdur, and P. Duffield. 1993. "Acute Effects of Kava on Measures of Cognitive Performance, Physiological Function and Mood." *Drug and Alcohol Review* 12 (1): 49–57. <https://doi.org/10.1080/09595239300185731>.

Price, Jimmy. Letter to Vincent Lebot. 2022a, February 22, 2022.

———. Letter to Aaron Taviri. 2022b, September 26, 2022.

Prinsloo, Denise, Sandra van Dyk, Anél Petzer, and Jacobus P. Petzer. 2019. "Monoamine Oxidase Inhibition by Kavalactones from Kava (*Piper Methysticum*)." *Planta Medica* 85 (14-15): 1136–42. <https://doi.org/10.1055/a-1008-9491>.

"Public Statement By Kava Industry Representatives At The Pacific Herbs Business Forum." 2002. Pacific Community. February 19, 2002. <https://web.archive.org/web/20030927075312/http://www.spc.int/cis/documents/Press%20statement%20on%20Kavar.htm>.

Puckner, W. A. 1914. "PROPAGANDA FOR REFORM - Gonosan." Vol. 12. <https://www.ncbi.nlm.nih.gov/pubmed/18736231>.

Puppala M, Narayananpillai SC, Leitzman P, Sun H, Upadhyaya P, O'Sullivan MG, Hecht SS, Xing C. 2017. "Pilot in Vivo Structure-Activity Relationship of Dihydromethysticin in Blocking 4-(Methylnitrosamino)-1-(3-Pyridyl)-1-Butanone-Induced O 6-Methylguanine and Lung Tumor in A/J Mice." *Journal of Medicinal Chemistry* 28 (60): 7935–40. <https://doi.org/10.1021/acs.jmedchem.7b00921>.

Pure Food and Drug Act (1906). 1906.

R. I. Davis, J. F. Brown. 1999. "Kava (*Piper Methysticum*) in the South Pacific: Its Importance, Methods of Cultivation, Cultivars, Diseases and Pests." *Australian Centre for International Agricultural Research*.

Raduege, Kevin M., James F. Kleshinski, J. Victor Ryckman, and John E. Tetzlaff. 2004. "Anesthetic Considerations of the Herbal, Kava." *Journal of Clinical Anesthesia* 16 (4): 305–11. <https://doi.org/10.1016/j.jclinane.2003.08.009>.

Rahman, Samin, and Daria Falkowitz. 2021. "The Case Files: Fulminant Hepatic Failure After Chronic Kava Kava Ingestion."

Emergency Medicine News 43 (10B): 10.1097/01.EEM.0000796988.33120.98.
<https://doi.org/10.1097/01.EEM.0000796988.33120.98>.

Rajendran, Peramaiyan, Abdullah M. Alzahrani, Vishnu Priya Veeraraghavan, and Emad A. Ahmed. 2021. "Anti-Apoptotic Effect of Flavokawain A on Ochratoxin-A-Induced Endothelial Cell Injury by Attenuation of Oxidative Stress via PI3K/AKT-Mediated Nrf2 Signaling Cascade." *Toxins* 13 (11): 745. <https://doi.org/10.3390/toxins13110745>.

Ramzan, Iqbal. 2015. *Phytotherapies: Efficacy, Safety and Regulation*. Hoboken, NJ: John Wiley & Son.

Rantes, Jimmy. 2021. "The Challenges of Integrating Sustainable Development into Policy and Practice - A Case Study from Vanuatu (Southwest Pacific)." University of the Sunshine Coast, Queensland. <https://doi.org/10.25907/00037>.

Rasmussen, A. K., R. R. Scheline, E. Solheim, and R. Hänsel. 1979. "Metabolism of Some Kava Pyrones in the Rat." *Xenobiotica; the Fate of Foreign Compounds in Biological Systems* 9 (1): 1–16.
<https://doi.org/10.3109/00498257909034699>.

Rasmussen, Phil. 1999. "KAVA (Piper Methysticum) - A REVIEW.pdf." , Phytomed Medicinal Herbs Ltd, Auckland.
[https://www.phytomed.co.nz/site/phytomed/KAVA%20\(Piper%20methysticum\)%20-%20A%20REVIEW.pdf](https://www.phytomed.co.nz/site/phytomed/KAVA%20(Piper%20methysticum)%20-%20A%20REVIEW.pdf).

Raynor, W. C., and J. H. Fownes. 1991. "Indigenous Agroforestry of Pohnpei." *Agroforestry Systems* 16 (2): 139–57.
<https://doi.org/10.1007/BF00129745>.

Raziq, Fazal I. 2020. "Kava Kava Induced Acute Liver Failure." *American Journal of Therapeutics*, May.
<https://doi.org/10.1097/MJT.0000000000001180>.

"Re: Critical Analysis of Suspected Cases of Kava Hepatotoxicity: Kava Taken as Directed Is Rarely Hepatotoxic - American Botanical Council." 2009. January 15, 2009.
https://www.herbalgram.org/resources/herbclip/issues/bin_368/review120381-368/.

Reeder, Shawn, and Melanie Johns Cupp. 2000. "Kava." In *Toxicology and Clinical Pharmacology of Herbal Products*, edited by Melanie Johns Cupp, 31–41. Totowa, NJ: Humana Press. https://doi.org/10.1007/978-1-59259-020-9_3.

Report. 2007. "Vanuatu - Diagnostic Trade Integration Study." 1. The Organisation for Economic Co-operation and Development.

"REPORT ON KAVA ANALYSIS 2012-2015 (JULY)." 2016. May 2016.
<https://brusselsbriefings.files.wordpress.com/2016/05/report-on-kava-analysis-2012-2015.pdf>.

Richardson, W. N., and L. Henderson. 2007. "The Safety of Kava: A Regulatory Perspective." *British Journal of Clinical Pharmacology* 64 (4): 418–20. <https://doi.org/10.1111/j.1365-2125.2007.02933.x>.

Richmond City Health Department. 2023. "Informal Fact-Finding Conference Report. Notice of Violation and Operation Permit Denial (KavaClubLLC)." Henrico County Health.

Rio, Knut, Michelle MacCarthy, and Ruy Blanes. 2017. "Pentecostalism and Witchcraft." In *Contemporary Anthropology of Religion*. Springer International Publishing. <https://doi.org/10.1007/978-3-319-56068-7>.

Rivers, Z., C. Xing, and Sjmc Narayananpillai. 2016. "Kava as a Pharmacotherapy of Anxiety Disorders: Promises and Concerns." *Medicinal Chemistry* 6: 81–87.

- RNZ. 2018. "Vanuatu Kava Industry to Keep Door Open on Tudei." RNZ. March 20, 2018.
<https://www.rnz.co.nz/international/programmes/datelinepacific/audio/2018636769/vanuatu-kava-industry-to-keep-door-open-on-tudei>.
- . 2022. *The Pre-Panel with Jo McCarroll and Dean Hall*. RNZ.
<https://www.rnz.co.nz/national/programmes/thepanel/audio/2018833713/the-pre-panel-with-jo-mccarroll-and-dean-hall>.
- RNZ News. 2004. "New Caledonian Study Shows Liver Damage Link to Kava Was Wrong." RNZ. August 26, 2004.
<https://www.rnz.co.nz/international/pacific-news/150380/new-caledonian-study-shows-liver-damage-link-to-kava-was-wrong>.
- . 2006. "Vanuatu Finance Minister Says Kava Policy Will Help Economic Growth." RNZ. March 28, 2006.
<https://www.rnz.co.nz/international/pacific-news/161118/vanuatu-finance-minister-says-kava-policy-will-help-economic-growth>.
- . 2018. "Vanuatu Kava Exporter Says Nothing Wrong with 'Tudei.'" RNZ. March 19, 2018.
<https://www.rnz.co.nz/international/pacific-news/352796/vanuatu-kava-exporter-says-nothing-wrong-with-tudei>.
- Robinson, Daniel, Margaret Raven, Elizabeth Makin, Donna Kalfatak, Francis Hickey, and Trinison Tari. 2021. "Legal Geographies of Kava, Kastom and Indigenous Knowledge: Next Steps under the Nagoya Protocol." *Geoforum; Journal of Physical, Human, and Regional Geosciences* 118 (January): 169–79. <https://doi.org/10.1016/j.geoforum.2020.11.001>.
- Robinson, Valerie, Wilma F. Bergfeld, Donald V. Belsito, Curtis D. Klaassen, James G. Marks, Ronald C. Shank, Thomas J. Slaga, Paul W. Snyder, and F. Alan Andersen. 2009. "Final Report on the Safety Assessment of Piper Methysticum Leaf/Root/Stem Extract and Piper Methysticum Root Extract." *International Journal of Toxicology*.
<https://doi.org/10.1177/10915818093509341>.
- Rodman, William. 1993. "Sorcery and the Silencing of Chiefs: 'Words on the Wind' in Postindependence Ambae." *Journal of Anthropological Research* 49 (3): 217–35. <http://www.jstor.org/stable/3630495>.
- Rogers, Garth A. 1975. "Kai and Kava in Niuatoputapu." Degree of Doctor in Philosophy in Anthropology, University of Auckland.
- Rogers, Herbert C. Medical Record. 1886. "FLUID EXTRACT OF KAVA KAVA IN THE TREATMENT OF GONORRHOEA." *New York* 29 (19): 1866. <https://search.proquest.com/openview/0d47a7f136a2e797296e55134f836396/1?pq-origsite=gscholar&cbl=40146>.
- Rosada, Alexandre. 2017. "Kava - An Interview with Dr. Barguil." Youtube. January 24, 2017.
<https://www.youtube.com/watch?v=LwdTAObWQdg>.
- Rowe, A., R. Narlawar, P. W. Groundwater, and I. Ramzan. 2011. "Kavalactone Pharmacophores for Major Cellular Drug Targets." *Mini Reviews in Medicinal Chemistry* 11 (1): 79–83. <https://doi.org/10.2174/138955711793564088>.
- Rowe, Anthony, and Iqbal Ramzan. 2012. "Are Mould Hepatotoxins Responsible for Kava Hepatotoxicity?" *Phytotherapy Research: PTR* 26 (11): 1768–70. <https://doi.org/10.1002/ptr.4620>.
- Rowe, Anthony, Lillian Yuan Zhang, and Iqbal Ramzan. 2011. "Toxicokinetics of Kava." *Advances in Pharmacological*

Sciences 2011 (March): 326724. <https://doi.org/10.1155/2011/326724>.

Rowe, Don. 2016. "Kava: Elixir of the Pacific." New Zealand Geographic. August 28, 2016. <https://www.nzgeo.com/stories/kava-elixir-of-the-pacific/?fbclid=IwAR1g4WuRMORJ9VVB3S8I01UHE0HVpqqqhjC6GRp5sAf2vX1mhKr9CqLZEX4>.

Rush, Rebecca, Robyn Cruze, Mel Zee, Bianca Gonzalez, Aprill Emig, Jacqui Hathaway Levin, Taylor Martin, et al. 2019. "The Slippery Slope of Kava, Kratom, and CBD." The Temper. August 26, 2019. <https://www.thetemper.com/kava-kratom-cbd/>.

Russell, Paul N., Deirdre Barker, and Nirbhay N. Singh. 1987. "The Effects of Kava on Alerting and Speed of Access of Information from Long-Term Memory." *Bulletin of the Psychonomic Society* 25 (4): 236–37. <https://doi.org/10.3758/BF03330341>.

Russmann, S., B. H. Lauterburg, and A. Helbling. 2001. "Kava Hepatotoxicity." *Annals of Internal Medicine* 135 (1): 68–69. <https://doi.org/10.7326/0003-4819-135-1-200107030-00036>.

Russmann, Stefan, Yann Barguil, Pierre Cabalion, Marina Kritsanida, Daniel Duhet, and Bernhard H. Lauterburg. 2003. "Hepatic Injury due to Traditional Aqueous Extracts of Kava Root in New Caledonia." *European Journal of Gastroenterology & Hepatology* 15: 1033–36. <https://doi.org/10.1097/01.meg.0000085464.12407.7b>.

Russmann, Stefan, Bernhard H. Lauterburg, Yann Barguil, Erwan Choblet, Pierre Cabalion, Katharina Rentsch, and Markus Wenk. 2005. "Traditional Aqueous Kava Extracts Inhibit Cytochrome P450 1A2 in Humans: Protective Effect against Environmental Carcinogens?" *Clinical Pharmacology and Therapeutics*. <https://doi.org/10.1016/j.clpt.2005.01.021>.

Ruze, P. 1990. "Kava-Induced Dermopathy: A Niacin Deficiency?" *The Lancet* 335 (8703): 1442–45. [https://doi.org/10.1016/0140-6736\(90\)91458-m](https://doi.org/10.1016/0140-6736(90)91458-m).

Rychetnik, Lucie, and Christine M. Madronio. 2011. "The Health and Social Effects of Drinking Water-Based Infusions of Kava: A Review of the Evidence." *Drug and Alcohol Review* 30 (1): 74–83. <https://doi.org/10.1111/j.1465-3362.2010.00184.x>.

Ryu, Jong Hyuk, Jeong Ah Lee, Jae Young Ko, and Jae Sung Hwang. 2022. "Flavokawain B and C, Isolated from the Root of Piper methysticum, Inhibit Melanogenesis in Melan-a Cells." *Journal of the Society of Cosmetic Scientists of Korea* 48 (1): 11–24. <https://doi.org/10.15230/SCSK.2022.48.1.11>.

Rzepecki, Alexandra K., Jenna Wald, Bijal Amin, Edison Leung, Evan Choi, and Yevgeniy Balagula. 2018. "Kava-Induced Acute Cutaneous Toxicity: An Increasingly Recognized Characteristic Clinicohistologic Pattern." *JAAD Case Reports* 4 (10): 1037–38. <https://doi.org/10.1016/j.jdcr.2018.08.011>.

Saeed, S. Y. Atezaz, Richard M. Bloch, and Diana J. Antonacci. 2007. "Herbal and Dietary Supplements for Treatment of Anxiety Disorders." *Am Fam Physician* 15 (76): 549–56. <https://www.aafp.org/afp/2007/0815/p549.html>.

Saeed, Sy Atezaz, Richard M. Bloch, and Diana J. Antonacci. 2008. "Safety of Kava for Patients with Mild Anxiety Disorders." *American Family Physician*. aafp.org. <https://www.ncbi.nlm.nih.gov/pubmed/18756649>.

Sakai, Moeno, and Minato Nakazawa. 2022. "The Current Use of Sakau (Kava) in Pohnpei Island, Federated States of Micronesia." *Hawai'i Journal of Health & Social Welfare* 81 (7): 179–84.

Saletu, B., J. Grünberger, L. Linzmayer, and P. Anderer. 1989. "EEG-Brain Mapping, Psychometric and Psychophysiological Studies on Central Effects of Kavain - a Kava Plant Derivative." *Human Psychopharmacology* 4 (3): 169–90. <https://doi.org/10.1002/hup.470040304>.

Santos, Rafael Rocha da Silva, Matheus Corrêa Ramos, Juliana Veloso Ferreira, José Eduardo Gonçalves, and Isabela Costa César. 2022. "Biopharmaceutical Evaluation of Kavain in Piper Methysticum G. Forst Dried Extract: Equilibrium Solubility and Intestinal Permeability in Caco-2 Cell Model." *Journal of Ethnopharmacology* 296 (October): 115480. <https://doi.org/10.1016/j.jep.2022.115480>.

Saroya, Amritpal Singh, and Jaswinder Singh. 2018. "Piper Methysticum G. Forst: A Potent Antianxiety Agent." In *Pharmacotherapeutic Potential of Natural Products in Neurological Disorders*, 95–106. Springer, Singapore. https://doi.org/10.1007/978-981-13-0289-3_7.

Sarris, J., J. Adams, and J. L. Wardle. 2009. "Time for a Reassessment of the Use of Kava in Anxiety?" *Complementary Therapies in Medicine* 17 (3): 121–22. <https://doi.org/10.1016/j.ctim.2009.01.003>.

Sarris, J., D. J. Kavanagh, J. Adams, K. Bone, and G. Byrne. 2009. "Kava Anxiety Depression Spectrum Study (KADSS): A Mixed Methods RCT Using an Aqueous Extract of Piper Methysticum." *Complementary Therapies in Medicine* 17 (3): 176–78. <https://doi.org/10.1016/j.ctim.2009.01.001>.

Sarris, J., D. J. Kavanagh, G. Byrne, K. M. Bone, J. Adams, and G. Deed. 2009. "The Kava Anxiety Depression Spectrum Study (KADSS): A Randomized, Placebo-Controlled Crossover Trial Using an Aqueous Extract of Piper Methysticum." *Psychopharmacology* 205 (3): 399–407. <https://doi.org/10.1007/s00213-009-1549-9>.

Sarris, J., E. Laporte, A. Scholey, R. King, A. Pipingas, I. Schweitzer, and C. Stough. 2013. "Does a Medicinal Dose of Kava Impair Driving? A Randomized, Placebo-Controlled, Double-Blind Study." *Traffic Injury Prevention* 14 (1): 13–17. <https://doi.org/10.1080/15389588.2012.682233>.

Sarris, J., S. Moylan, D. A. Camfield, M. P. Pase, D. Mischoulon, M. Berk, F. N. Jacka, and I. Schweitzer. 2012. "Complementary Medicine, Exercise, Meditation, Diet, and Lifestyle Modification for Anxiety Disorders: A Review of Current Evidence." *Evidence-Based Complementary and Alternative Medicine: eCAM* 2012 (August): 809653. <https://doi.org/10.1155/2012/809653>.

Sarris, J., C. Stough, R. Teschke, Z. T. Wahid, C. A. Bousman, G. Murray, K. M. Savage, P. Mouatt, C. Ng, and I. Schweitzer. 2013. "Kava for the Treatment of Generalized Anxiety Disorder RCT: Analysis of Adverse Reactions, Liver Function, Addiction, and Sexual Effects." *Phytotherapy Research: PTR* 27 (11): 1723–28. <https://doi.org/10.1002/ptr.4916>.

Sarris, Jerome. 2007. "Herbal Medicines in the Treatment of Psychiatric Disorders: A Systematic Review." *Phytotherapy Research: PTR* 21 (8): 703–16. <https://doi.org/10.1002/ptr.2187>.

———. 2017. "Kava (Piper Methysticum) in the Treatment of Anxiety." In *Complementary and Integrative Treatments in Psychiatric Practice*, edited by Patricia L. Gerbarg, Philip R. Muskin, Richard P. Brown, 157–62. <https://books.google.com/books?id=s5AwDwAAQBAJ&lpg=PA157&ots=S9x1yqUmlX&dq=methysticum%20serotonin&lr&pg=PA157#v=onepage&q&f=false>.

———. 2018. "Herbal Medicines in the Treatment of Psychiatric Disorders: 10-Year Updated Review." *Phytotherapy Research: PTR* 32 (7): 1147–62. <https://doi.org/10.1002/ptr.6055>.

Sarris, Jerome, Jon Adams, and David J. Kavanagh. 2010. "An Explorative Qualitative Analysis of Participants' Experience

of Using Kava versus Placebo in an RCT." *Australian Journal of Medical Herbalism*, January. <https://search.informit.com.au/documentSummary;dn=999237017001985;res=IELHEA>.

Sarris, Jerome, Gerard J. Byrne, Chad A. Bousman, Lachlan Cribb, Karen M. Savage, Oliver Holmes, Jenifer Murphy, et al. 2020. "Kava for Generalised Anxiety Disorder: A 16-Week Double-Blind, Randomised, Placebo-Controlled Study." *The Australian and New Zealand Journal of Psychiatry* 54 (3): 288–97. <https://doi.org/10.1177/0004867419891246>.

Sarris, Jerome, and David J. Kavanagh. 2009. "Kava and St. John's Wort: Current Evidence for Use in Mood and Anxiety Disorders." *Journal of Alternative and Complementary Medicine* 15 (8): 827–36. <https://doi.org/10.1089/acm.2009.0066>.

Sarris, Jerome, David J. Kavanagh, Gary Deed, and Kerry M. Bone. 2009. "St. John's Wort and Kava in Treating Major Depressive Disorder with Comorbid Anxiety: A Randomised Double-Blind Placebo-Controlled Pilot Trial." *Human Psychopharmacology* 24 (1): 41–48. <https://doi.org/10.1002/hup.994>.

Sarris, Jerome, Emma LaPorte, and Isaac Schweitzer. 2011. "Kava: A Comprehensive Review of Efficacy, Safety, and Psychopharmacology." *The Australian and New Zealand Journal of Psychiatry* 45 (1): 27–35. <https://doi.org/10.3109/00048674.2010.522554>.

Sarris, Jerome, Erica McIntyre, and David A. Camfield. 2013a. "Plant-Based Medicines for Anxiety Disorders, Part 1: A Review of Preclinical Studies." *CNS Drugs* 27 (3): 207–19. <https://doi.org/10.1007/s40263-013-0044-3>.

———. 2013b. "Plant-Based Medicines for Anxiety Disorders, Part 2: A Review of Clinical Studies with Supporting Preclinical Evidence." *CNS Drugs* 27 (4): 301–19. <https://doi.org/10.1007/s40263-013-0059-9>.

Sarris, Jerome, Alexander Panossian, Isaac Schweitzer, Con Stough, and Andrew Scholey. 2011. "Herbal Medicine for Depression, Anxiety and Insomnia: A Review of Psychopharmacology and Clinical Evidence." *European Neuropsychopharmacology: The Journal of the European College of Neuropsychopharmacology* 21 (12): 841–60. <https://doi.org/10.1016/j.euroneuro.2011.04.002>.

Sarris, Jerome, A. Scholey, Isaac Schweitzer, Chad Bousman, Emma LaPorte, Chee Ng, Greg Murray, and C. Stough. 2012. "The Acute Effects of Kava and Oxazepam on Anxiety, Mood, Neurocognition; and Genetic Correlates: A Randomized, Placebo-Controlled, Double-Blind Study." *Human Psychopharmacology: Clinical and Experimental* 27 (3): 262–69. <https://onlinelibrary.wiley.com/doi/abs/10.1002/hup.2216>.

Sarris, Jerome, Con Stough, Chad A. Bousman, Zahra T. Wahid, Greg Murray, Rolf Teschke, Karen M. Savage, Ashley Dowell, Chee Ng, and Isaac Schweitzer. 2013. "Kava in the Treatment of Generalized Anxiety Disorder: A Double-Blind, Randomized, Placebo-Controlled Study." *Journal of Clinical Psychopharmacology* 33 (5): 643. <https://doi.org/10.1097/JCP.0b013e318291be67>.

Sarris, Jerome, Rolf Teschke, Con Stough, Andrew Scholey, and Isaac Schweitzer. 2011. "Re-Introduction of Kava (*Piper Methysticum*) to the EU: Is There a Way Forward?" *Planta Medica* 77 (2): 107–10. <https://doi.org/10.1055/s-0030-1250290>.

Savage, Karen. 2019. "Neurobiological Markers of GAD, and Subsequent Modulations Following Anxiolytic Phytomedicine Treatment." *Journal of Affective Disorders* 254 (July): 143. <https://doi.org/10.1016/j.jad.2018.10.318>.

Savage, Karen M., Con K. Stough, Gerard J. Byrne, Andrew Scholey, Chad Bousman, Jenifer Murphy, Patricia Macdonald, et al. 2015. "Kava for the Treatment of Generalised Anxiety Disorder (K-GAD): Study Protocol for a Randomised Controlled Trial." *Trials* 16 (November): 493. <https://doi.org/10.1186/s13063-015-0986-5>.

- Schäberle, Till F. 2016. "Biosynthesis of α -Pyrones." *Beilstein Journal of Organic Chemistry* 12 (March): 571–88. <https://doi.org/10.3762/bjoc.12.56>.
- Schelosky, L., C. Raffauf, K. Jendroska, and W. Poewe. 1995. "Kava and Dopamine Antagonism." *Journal of Neurology, Neurosurgery, and Psychiatry* 58 (5): 639–40. <https://doi.org/10.1136/jnnp.58.5.639>.
- Scherer, J. 1998. "Kava-Kava Extract in Anxiety Disorders: An Outpatient Observational Study." *Advances in Therapy* 15 (4): 261–69. <http://dx.doi.org/>.
- Scheuer, Paul J., and Thomas J. Horigan. 1959. "A New Carbonyl Compound from *Piper Methysticum* Forst." *Nature*, no. 4691 (September): 979. <https://www.nature.com/articles/184979a0.pdf>.
- Schirrmacher, K., D. Büsselberg, J. M. Langosch, J. Walden, U. Winter, and D. Bingmann. 1999. "Effects of (\pm)-Kavain on Voltage-Activated Inward Currents of Dorsal Root Ganglion Cells from Neonatal Rats." *European Neuropsychopharmacology: The Journal of the European College of Neuropsychopharmacology* 9 (1): 171–76. [https://doi.org/10.1016/S0924-977X\(98\)00008-X](https://doi.org/10.1016/S0924-977X(98)00008-X).
- Schmidt, B. M. 2017. "Oceania." In *Ethnobotany*, 309–28. Chichester, UK: John Wiley & Sons, Ltd. <https://doi.org/10.1002/9781118961933.ch8>.
- Schmidt, M. 2016. "Clinical Summary Kava Extract."
- Schmidt, M., M. Bone Morgan, and J. McMillan. 2005. "Kava: A Risk-Benefit Assessment." In *The Essential Guide to Herbal Safety*, edited by M. Mills and K. Bone, 155–221. Elsevier Churchill Livingstone.
- Schmidt, M., and Harsewinkel. 2002. "Is Kava Really Hepatotoxic? An Analysis of the Known Data on Adverse Effects of Kava Preparations on the Liver."
- Schmidt, M., A. Nahrstedt, and N. P. Lupke. 2002. "Piper Methysticum (Kava) in Der Diskussion: Betrachtungen Zu Qualitat, Wirksamkeit Und Unbedenklichkeit." *Wiener Medizinische Wochenschrift* 152 (15-16): 382–88. <https://doi.org/10.1046/j.1563-258x.2002.02058.x>.
- Schmidt, M., and A. Nahrstedt. 2019. "Kava Lebertoxisch?" DAZ.online. August 21, 2019. <https://www.deutsche-apotheker-zeitung.de/daz-az/2002/daz-9-2002/uid-5590>.
- Schmidt, M., and G. Stoner. 2014. "Scientific and Legal Assistance for the Development of a Quality and Safety Standard for Kava Production and Trade in the Pacific Region." TBT Programme.
- Schmidt, M. Letter to Jimmy Price. 2022. "Correspondence via Email with Dr. Schmidt Re: Schwabe," March 3, 2022.
- Schmidt, Mathias. 2003. "Are Kavalactones the Hepatotoxic Principle of Kava Extracts? The Pitfalls of the Glutathione Theory." *Journal of Alternative and Complementary Medicine*. <https://doi.org/10.1089/10755530360623284>.
- . 2014. "German Court Ruling Reverses Kava Ban; German Regulatory Authority Appeals Decision - American Botanical Council." *Herbalgram* 103 (Aug-October): 39–44. <https://www.herbalgram.org/resources/herbalgram/issues/103/table-of-contents/hg103-feat-germankava/>.
- Schmidt, Mathias, and Georges Betti. 2001. "Quality Management Program for *Piper Methysticum* Forst. F." In , 1.

Herbresearch.de. <https://doi.org/10.13140/RG.2.2.20476.82566>.

Schmidt, Mathias, Michael Thomsen, and Kenny Kuchta. 2020. "Kava Kava—Associated Acute Liver Failure?" *American Journal of Therapeutics* 0: 1–2.

Schmidt, Matthias. 2004. "Quality Criteria for Kava." Presented at the International Kava Conference, Fiji, December 2. <https://www.herbalgram.org/media/12016/issue73.pdf>.

———. 2021. "Dr Mathias Schmidt - Overview - Curriculum Vitae." http://herbresearch.de/index.php?option=com_content&view=article&id=268&Itemid=564&lang=en.

Schmidt, N., and B. Ferger. 2001. "Neuroprotective Effects of (+/-)-Kavain in the MPTP Mouse Model of Parkinson's Disease." *Synapse* 40 (1): 47–54. [https://doi.org/10.1002/1098-2396\(200104\)40:1<47::AID-SYN1025>3.0.CO;2-S](https://doi.org/10.1002/1098-2396(200104)40:1<47::AID-SYN1025>3.0.CO;2-S).

Schulze, Johannes, Walter Raasch, and Claus-Peter Siegers. 2003. "Toxicity of Kava Pyrones, Drug Safety and Precautions—a Case Study." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 10 Suppl 4: 68–73. <https://doi.org/10.1078/1433-187x-00300>.

Schwabe, Klaus-Peter. 1994. Kava-Kava Extract, Process for the Production thereof and use thereof. USPTO 5296224. *US Patent*, filed 1991, and issued 1994.

Schwartz, Stefanie, ed. 2005. "Piper Methysticum." In *Psychoactive Herbs in Veterinary Behavior Medicine*, 109–29. Oxford, UK: Blackwell Publishing Ltd. <https://www.wiley.com/en-us/Psychoactive+Herbs+in+Veterinary+Behavior+Medicine-p-9780470344347>.

———. 2008. "Piper Methysticum." In *Psychoactive Herbs in Veterinary Behavior Medicine*, 126–40. John Wiley & Sons. <https://books.google.com/books?hl=en&lr=&id=ZP6QVep-x24C&oi=fnd&pg=PA109&dq=kava+gonorrhea&ots=qQ2yIdibYD&sig=PxQW5lyhtsDF20bbnqwrxrOqRd3s>.

Section 24A of the Biosecurity Act. 2019. "Import Health Standard: Fresh Kava (*Piper Methysticum*) for Human Consumption." New Zealand Gov't.

Seeff, Leonard B., Herbert L. Bonkovsky, Victor J. Navarro, and Guqi Wang. 2015. "Herbal Products and the Liver: A Review of Adverse Effects and Mechanisms." *Gastroenterology* 148 (3): 517–32.e3. <https://doi.org/10.1053/j.gastro.2014.12.004>.

Seeman, B. 1868. "Piperaceae." In *Flora Vitiensis - Viti Or Fiji Islands - An Account of Their History, Uses, and Properties.*, 260–61.

Segone, Ramoagi T., Sidonie Y. Tankeu, Weiyang Chen, Sandra Combrinck, Mathias Schmidt, and Alvaro Viljoen. 2020. "Rapid Differentiation of *Piper Methysticum* (kava) Plant Parts Using Single Point and Imaging Vibrational Spectroscopy." *Journal of Applied Research on Medicinal and Aromatic Plants* 16 (100235): 100235. <https://doi.org/10.1016/j.jarmap.2019.100235>.

Seitz, U., A. Schüle, and J. Gleitz. 1997. "[³H]-Monoamine Uptake Inhibition Properties of Kava Pyrones." *Planta Medica* 63 (6): 548–49. <https://doi.org/10.1055/s-2006-957761>.

Serdarevic, N., G. P. Eckert, and W. E. Müller. 2001. "The Effects of Extracts from St. Johns Wort and Kava Kava on Brain Neurotransmitter Levels in the Mouse." *Pharmacopsychiatry* 34 (1): 134–36. <https://doi.org/10.1055/s-2001-15463>.

Shah, Maulik, Hasan Ali, and Hisham Elgenaidi. 2019. "2338 Drug-Induced Liver Injury From Prolonged Kava Kava and Kratom Use." *Official Journal of the American College of Gastroenterology / ACG* 114 (October): S1304. <https://doi.org/10.14309/01.ajg.0000598884.08856.da>.

Shaik, Ahmad Ali, David Lee Hermanson, and Chengguo Xing. 2009. "Identification of Methysticin as a Potent and Non-Toxic NF-kappaB Inhibitor from Kava, Potentially Responsible for Kava's Chemopreventive Activity." *Bioorganic & Medicinal Chemistry Letters* 19 (19): 5732–36. <https://doi.org/10.1016/j.bmcl.2009.08.003>.

Sharma, Ankit, Rahul Anchariya, and Chetan Dubey. 2020. "A Review on Anti-Stress Activity of Piper Methysticum." *Asian Journal of Pharmaceutical Research and Development* 8 (4): 130–36. <https://doi.org/10.22270/ajprd.v8i4.688>.

Sharma, Ankit, Mohammad Mukim, Rahul Ancharia, and Hrishab Jangid. 2021. "A Research Article on Antistress Activity of Herbal Extract Oil of Piper Methysticum on Wistar Albino." *Asian Journal of Pharmaceutical Research and Development* 9 (1): 117–29. <https://doi.org/10.22270/ajprd.v9i1.892>.

Shaver, John H., and Richard Sosis. 2014. "How Does Male Ritual Behavior Vary Across the Lifespan? An Examination of Fijian Kava Ceremonies." *Human Nature* 25 (1): 136–60. <https://doi.org/10.1007/s12110-014-9191-6>.

Shimoda, L. M. N., A. Showman, J. D. Baker, I. Lange, D. L. Koomoa, A. J. Stokes, R. P. Borris, and H. Turner. 2015. "Differential Regulation of Calcium Signalling Pathways by Components of Piper Methysticum ('Awa)." *Phytotherapy Research: PTR* 29 (4): 582–90. <https://doi.org/10.1002/ptr.5291>.

Shimoda, Lori M. N., Christy Park, Alexander J. Stokes, Henry Halenani Gomes, and Helen Turner. 2012. "Pacific Island 'Awa (Kava) Extracts, but Not Isolated Kavalactones, Promote Proinflammatory Responses in Model Mast Cells." *Phytotherapy Research: PTR* 26 (12): 1934–41. <https://doi.org/10.1002/ptr.4652>.

Shinomiya, Kazuaki, Toshio Inoue, Yoshiaki Utsu, Shin Tokunaga, Takayoshi Masuoka, Asae Ohmori, and Chiaki Kamei. 2005. "Effects of Kava-Kava Extract on the Sleep-Wake Cycle in Sleep-Disturbed Rats." *Psychopharmacology* 180 (3): 564–69. <https://doi.org/10.1007/s00213-005-2196-4>.

Shord, Stacy S., Kanan Shah, and Alvina Lukose. 2009. "Drug-Botanical Interactions: A Review of the Laboratory, Animal, and Human Data for 8 Common Botanicals." *Integrative Cancer Therapies* 8 (3): 208–27. <https://doi.org/10.1177/1534735409340900>.

Showman, A. 2017. "CHEMICAL AND MICROBIAL ECOLOGY OF 'AWA, PIPER METHYSTICUM (G. FORST)." Molecular Biosciences and Bioengineering.

Showman, Angelique F., Jonathan D. Baker, Christina Linares, Chrystie K. Naeole, Robert Borris, Edward Johnston, Jerry Konanui, and Helen Turner. 2015. "Contemporary Pacific and Western Perspectives on 'awa (Piper Methysticum) Toxicology." *Fitoterapia* 100 (January): 56–67. <https://doi.org/10.1016/j.fitote.2014.11.012>.

Shulgin, A. T. 1973. "The Narcotic Pepper: The Chemistry and Pharmacology of Piper Methysticum and Related Species." *Bulletin on Narcotics* 25 (2): 59–74. https://www.unodc.org/unodc/en/data-and-analysis/bulletin/bulletin_1973-01-01_2_page008.html.

Shun-Sheng, Ling. 1957. *Kava Drinking In China And East Asia*. Academia Sinica.

Sidhu, Ashwin, Supreet Atwal, and Lauren Bliss. 2023. "Kava Induced Hepatotoxicity In Sacramento County." *Journal of*

Medical Case Reports & Case Series 4 (12). <https://doi.org/10.38207/JMCRCS/2023/JUL04120>.

Siméoni, Patricia, and Vincent Lebot. 2002. "Identification of Factors Determining Kavalactone Content and Chemotype in Kava (*Piper Methysticum* Forst. F.)." *Biochemical Systematics and Ecology* 30 (5): 413–24. [https://doi.org/10.1016/S0305-1978\(01\)00093-X](https://doi.org/10.1016/S0305-1978(01)00093-X).

Singh, Ranjeeta D. 2006. "POTENTIAL APPLICATION OF KAVA (*Piper Methysticum* F.) IN NEMATODE CONTROL." The University of the South Pacific. <http://www.uspaquatic.library.usp.ac.fj/gsdl/collect/usplibr1/index/assoc/HASHd801.dir/doc.pdf>.

Singh, Y. N. 1983. "Effects of Kava on Neuromuscular Transmission and Muscle Contractility." *Journal of Ethnopharmacology* 7 (3): 267–76. [https://doi.org/10.1016/0378-8741\(83\)90002-8](https://doi.org/10.1016/0378-8741(83)90002-8).

—. 1992. "Kava: An Overview." *Journal of Ethnopharmacology* 37 (1): 13–45. [https://doi.org/10.1016/0378-8741\(92\)90003-a](https://doi.org/10.1016/0378-8741(92)90003-a).

Singh, Yadhu N. 2004. *Kava: From Ethnology to Pharmacology (Medicinal and Aromatic Plants - Industrial Profiles)*. CRC Press.

—. 2005. "Potential for Interaction of Kava and St. John's Wort with Drugs." *Journal of Ethnopharmacology* 100 (1-2): 108–13. <https://doi.org/10.1016/j.jep.2005.05.014>.

—. 2009. "Kava: An Old Drug in a New World." *Cultural Critique* 71 (1): 107–28. <https://doi.org/10.1353/cul.0.0029>.

Singh, Yadhu N., and Ashwini K. Devkota. 2003. "Aqueous Kava Extracts Do Not Affect Liver Function Tests in Rats." *Planta Medica* 69 (6): 496–99. <https://doi.org/10.1055/s-2003-40658>.

Singh, Yadhu N., and Nirbhay N. Singh. 2002. "Therapeutic Potential of Kava in the Treatment of Anxiety Disorders." *CNS Drugs* 16 (11): 731–43. <https://doi.org/10.2165/00023210-200216110-00002>.

Sirat, Hasnah Mohd, Nor Akmalazura Jani, Hazrina Hazni, Khalijah Awang, and Seik Weng Ng. 2010. "Flavokavain B from the Rhizome of Alpinia Mutica Roxb." *Acta Crystallographica. Section E, Structure Reports Online* 66 (Pt 11): o2866. <https://doi.org/10.1107/S1600536810041395>.

Skov, Steven J., Tanya N. Chikritzhs, Shu Q. Li, Sabine Pircher, and Steven Whetton. 2010. "How Much Is Too Much? Alcohol Consumption and Related Harm in the Northern Territory." *The Medical Journal of Australia* 193 (5): 269–72. <https://doi.org/10.5694/j.1326-5377.2010.tb03905.x>.

Smith, A. C. 1943. "Studies Of Pacific Island Plants, Notes On The Pacific Species Of Piper." *Journal of the Arnold Arboretum. Arnold Arboretum* 24: 347–61. <https://www.biodiversitylibrary.org/bibliography/480>.

Smith, Arthur. 1998. "Bringing 'Salvation' to the 'Heathen' The Forty Year Sojourn of The Reverend Joseph Annand In The New Hebrides." *Journal of the Royal Nova Scotia Historical Society* 1: 150–70.

Smith, Katelyn, and Claudia Leiras. 2018. "The Effectiveness and Safety of Kava Kava for Treating Anxiety Symptoms: A Systematic Review and Analysis of Randomized Clinical Trials." *Complementary Therapies in Clinical Practice* 33 (November): 107–17. <https://doi.org/10.1016/j.ctcp.2018.09.003>.

Smith, Mackenzie. 2022. "Vanuatu Stops Issuing Kava Export Licenses, Moves to Tighten Regulations." RNZ. January 16,

2022. <https://www.rnz.co.nz/international/pacific-news/407443/vanuatu-stops-issuing-kava-export-licences-moves-to-tighten-regulations>.

Smith, Percy. 1920. “‘Kava Drinking Ceremonies Among the Samoans’ and ‘A Boat Voyage Round ‘Upolu Island, Samoa.’” *The Journal of the Polynesian Society. Polynesian Society* 29 (2): 1–21.
<https://doi.org/https://www.jstor.org/stable/20701784>.

Smith, Roger M. 1979. “Pipermethystine, a Novel Pyridone Alkaloid from Piper Methysticum.” *Tetrahedron* 35 (3): 437–39. [https://doi.org/10.1016/0040-4020\(79\)80084-8](https://doi.org/10.1016/0040-4020(79)80084-8).

———. 1983. “Kava Lactones in Piper Methysticum from Fiji.” *Phytochemistry*. [https://doi.org/10.1016/0031-9422\(83\)85065-1](https://doi.org/10.1016/0031-9422(83)85065-1).

Smith, Roger M., H. Thakrar, T. A. Arowolo, and A. A. Shafi. 1984a. “HIGH-PERFORMANCE LIQUID CHROMATOGRAPHY OF KAVA LAC-TONES FROM PIPER METHYSTICUM.” *Journal of Chromatography* 283: 303–8.

———. 1984b. “High-Performance Liquid Chromatography of Kava Lactones from Piper Methysticum.” *Journal of Chromatography. A* 283 (January): 303–8. [https://doi.org/10.1016/S0021-9673\(00\)96265-4](https://doi.org/10.1016/S0021-9673(00)96265-4).

Smith, Thomas E., Mabel Djang, Alan J. Velander, C. Wade Downey, Kathleen A. Carroll, and Sophie Van Alphen. 2004. “Versatile Asymmetric Synthesis of the Kavalactones: First Synthesis of (+)-Kavain.” *Organic Letters* 6 (14): 2317–20. <https://doi.org/10.1021/o10493960>.

Soares, Rita B., Ricardo Jorge Dinis-Oliveira, and Nuno G. Oliveira. 2022. “An Updated Review on the Psychoactive, Toxic and Anticancer Properties of Kava.” *Journal of Clinical Medicine Research* 11 (14). <https://doi.org/10.3390/jcm11144039>.

Sofer, Michael. 2007. “Yaqona and the Fijian Periphery Revisited.” *Asia Pacific Viewpoint* 48 (2): 234–49. <https://doi.org/10.1111/j.1467-8373.2007.00342.x>.

Song, Jia-Ling, Bai-Lin Li, Yao Yuan, Ling-Hui Nie, Jia Niu, David Chiu, Zhi-Fang Xu, Jie-Wei Wu, and Sheng-Xiang Qiu. 2017. “Yangonindimers A-C, Three New Kavalactone Dimers from Piper Methysticum (kava).” *Natural Product Research* 31 (21): 2459–66. <https://doi.org/10.1080/14786419.2017.1312395>.

Song, Liankun, Merci Mino, Jana Yamak, Vyvyan Nguyen, Derron Lopez, Victor Pham, Ali Fazelpour, et al. 2022. “Flavokawain A Reduces Tumor-Initiating Properties and Stemness of Prostate Cancer.” *Frontiers in Oncology* 12 (July): 943846. <https://doi.org/10.3389/fonc.2022.943846>.

Sorrentino, L., A. Capasso, and M. Schmidt. 2006. “Safety of Ethanolic Kava Extract: Results of a Study of Chronic Toxicity in Rats.” *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 13 (8): 542–49. <https://doi.org/10.1016/j.phymed.2006.01.006>.

Sparreboom, Alex, Michael C. Cox, Milin R. Acharya, and William D. Figg. 2004. “Herbal Remedies in the United States: Potential Adverse Interactions with Anticancer Agents.” *Journal of Clinical Oncology: Official Journal of the American Society of Clinical Oncology* 22 (12): 2489–2503. <https://doi.org/10.1200/JCO.2004.08.182>.

SPC. 2002. “Resolutions By Kava Industry Representatives At The Pacific Herbs Business Forum.” <https://web.archive.org/web/20030927075928/http://www.spc.int/cis/documents/Kava%20Resolutions%20Final%202019%20Feb.htm>.

Spillane, P. K., D. A. Fisher, and B. J. Currie. 1997. "Neurological Manifestations of Kava Intoxication." *The Medical Journal of Australia* 167 (3): 172–73. <https://doi.org/10.5694/j.1326-5377.1997.tb138828.x>.

Spinella, Marcello. 2002. "The Importance of Pharmacological Synergy in Psychoactive Herbal Medicines." *Alternative Medicine Review: A Journal of Clinical Therapeutic* 7 (2): 130–37. <https://www.ncbi.nlm.nih.gov/pubmed/11991792>.

Springs, Alice. 2017. "CARPA Standard Treatment Manual - Kava." Central Australian Aboriginal Congress.

SStofer, William D. 2002. "Kavain Attenuates Vascular Contractility through Inhibition of Calcium Channels." *Planta Medica* 68: 784–89.

Staudinger, Jeff L., Xunshan Ding, and Kristin Lichti. 2006. "Pregnane X Receptor and Natural Products: Beyond Drug-Drug Interactions." *Expert Opinion on Drug Metabolism & Toxicology* 2 (6): 847–57. <https://doi.org/10.1517/17425255.2.6.847>.

Steele, L., A. Cummin, and S. G. Keohane. 2020. "Acute Cutaneous Toxicity with Kava: An Inflammatory Sebotropic Reaction and Urticaria." *Clinical and Experimental Dermatology* 45 (4): 527–30. <https://doi.org/10.1111/ced.14129>.

Stein, Heather Rose. 2023. "Strategies to Implement the Use of Supplements versus Psychotropics in a Pediatric and Adolescent Population: A Quality Improvement Project."

Steiner, G. G. 2000. "The Correlation between Cancer Incidence and Kava Consumption." *Hawaii Medical Journal* 59 (11): 420–22. <https://pubmed.ncbi.nlm.nih.gov/11149250>.

Steinmetz, E. F. 1960. *Kava-Kava, Famous Drug Plant of the South Sea Islands*. San Francisco: Level Press.

Stephens, Sarah, Heather Nyman, and Laura Shane-McWhorter. 2012. "Assessing and Treating Hepatic Encephalopathy in the Older Patient." *The Consultant Pharmacist: The Journal of the American Society of Consultant Pharmacists* 27 (11): 797–802. <https://doi.org/10.4140/TCP.n.2012.797>.

Sterly, Joachim. 1967. "Kawa in Melanesien (English Translation)." *Ethnos: Journal of Anthropology* 32 (1-4): 97–121. <https://doi.org/10.1080/00141844.1967.9980991>.

Stevinson, Clare, Alyson Huntley, and Edzard Ernst. 2002. "A Systematic Review of the Safety of Kava Extract in the Treatment of Anxiety." *Drug Safety: An International Journal of Medical Toxicology and Drug Experience* 25 (4): 251–61. <https://doi.org/10.2165/00002018-200225040-00003>.

Stickel, Felix, Hans-Martin Baumüller, Karlheinz Seitz, Dimitrios Vasilakis, Gerhard Seitz, Helmut K. Seitz, and Detlef Schuppan. 2003. "Hepatitis Induced by Kava (*Piper Methysticum Rhizoma*)."*Journal of Hepatology* 39 (1): 62–67. [https://doi.org/10.1016/s0168-8278\(03\)00175-2](https://doi.org/10.1016/s0168-8278(03)00175-2).

Strahl, S., V. Ehret, H. H. Dahm, and K. P. Maier. 1998. "[Necrotizing hepatitis after taking herbal remedies]." *Deutsche medizinische Wochenschrift* 123 (47): 1410–14. <https://doi.org/10.1055/s-2007-1024196>.

Suharno, Suharno, Rosye Hefmy Rechnely Tanjung, Supeni Sufaati, and Verena Agustini. 2016. "Wati (*Piper Methysticum*) Medicinal Plant: The Ethnobiological and Ethnomedicinal Values of the Marind Tribe in Merauke, Papua, Indonesia." *Biodiversitas: Journal of Biological Diversity* 17 (2). <https://doi.org/10.13057/biodiv/d170259>.

Sundborn, Gerhard, Patricia A. Metcalf, Dudley Gentles, Robert Scragg, David Schaaf, Lorna Dyall, Peter Black, and Rod

Jackson. 2009. “From Kava to Lager’ - Alcohol Consumption and Drinking Patterns for Older Adults of Pacific Ethnic Groups, and Europeans.” *Pacific Health Dialog* 15 (1): 47–54.

Susanti, Diana Sri, Raka Nurin Ahmad Syahputra, Wahida Wahida, Yosehi Mekiuw, and Nurhaya J. Panga. 2022. “Plant Growth Promoting Rhizobacteria (PGPR) Affect Wati Plants (*Piper Methysticum* Forst) Growth at Seedling Stage.” *IOP Conference Series: Earth and Environmental Science* 1107 (1): 012034. <https://doi.org/10.1088/1755-1315/1107/1/012034>.

Süss, R., and P. Lehmann. 1996. “Hematogenous contact eczema cause by phytopathogenic drugs exemplified by kava root extract.” *Der Hautarzt; Zeitschrift fur Dermatologie, Venerologie, und verwandte Gebiete* 47 (6): 459–61. <https://doi.org/10.1007/s001050050451>.

Swanholm, Carl E., Harold St. John, and Paul J. Scheuer. 1959. “A Survey for Alkaloids in Hawaiian Plants. I.” *Pacific Science*, July. <https://scholarspace.manoa.hawaii.edu/handle/10125/7964>.

Tabudravu, J. N., and M. Jaspars. 2005. “Anticancer Activities of Constituents of Kava (*Piper Methysticum*).” *The South Pacific Journal of Natural and Applied Sciences* 23 (1): 26. <https://doi.org/10.1071/sp05005>.

Tanaka, Arisa, Nanako Hamada, Yasunori Fujita, Tomohiro Itoh, Yoshinori Nozawa, Munekazu Iinuma, and Masafumi Ito. 2010. “A Novel Kavalactone Derivative Protects against H2O2-Induced PC12 Cell Death via Nrf2/ARE Activation.” *Bioorganic & Medicinal Chemistry* 18 (9): 3133–39. <https://doi.org/10.1016/j.bmc.2010.03.034>.

Tang, J., R. A. Dunlop, A. Rowe, K. J. Rodgers, and I. Ramzan. 2011. “Kavalactones Yangonin and Methysticin Induce Apoptosis in Human Hepatocytes (HepG2) in Vitro.” *Phytotherapy Research: PTR* 25 (3): 417–23. <https://doi.org/10.1002/ptr.3283>.

Tang, Su-Ni, Jinhui Zhang, Peixin Jiang, Palika Datta, Pablo Leitzman, M. Gerard O’Sullivan, Cheng Jiang, Chengguo Xing, and Junxuan Lü. 2016. “Gene Expression Signatures Associated with Suppression of TRAMP Prostate Carcinogenesis by a Kavalactone-Rich Kava Fraction.” *Molecular Carcinogenesis* 55 (12): 2291–2303. <https://doi.org/10.1002/mc.22469>.

Tang, Xiaoren, Mansour Alasiri, Abdullah Bamashmous, Bushra Aljahdali, Feng Cao, Serge Dibart, and Erdjan Salih. 2018. “The Involvement of Kav001 in Inhibition of LPS/P. Gingivalis-Induced.” *Journal of Cellular Biochemistry* 119 (7): 6072–79. <https://doi.org/10.1002/jcb.26805>.

Tang, Xiaoren, and Salomon Amar. 2016. “Kavain Involvement in LPS-Induced Signaling Pathways.” *Journal of Cellular Biochemistry* 117 (10): 2272–80. <https://doi.org/10.1002/jcb.25525>.

Tang, Yaxiong, Xuesen Li, Zhongbo Liu, Anne R. Simoneau, Jun Xie, and Xiaolin Zi. 2010. “Flavokawain B, a Kava Chalcone, Induces Apoptosis via up-Regulation of Death-Receptor 5 and Bim Expression in Androgen Receptor Negative, Hormonal Refractory Prostate Cancer Cell Lines and Reduces Tumor Growth.” *International Journal of Cancer. Journal International Du Cancer* 127 (8): 1758–68. <https://doi.org/10.1002/ijc.25210>.

Tang, Yaxiong, Anne R. Simoneau, Jun Xie, Babbak Shahandeh, and Xiaolin Zi. 2008. “Effects of the Kava Chalcone Flavokawain A Differ in Bladder Cancer Cells with Wild-Type versus Mutant p53.” *Cancer Prevention Research* 1 (6): 439–51. <https://doi.org/10.1158/1940-6207.CAPR-08-0165>.

Tang, Yijin, and Christine Fields. 2019. “A UHPLC-UV Method Development and Validation for Determining Kavalactones and Flavokavains in *Piper Methysticum* (Kava).” *Molecules (Basel, Switzerland)* 24 (7): 1245. <https://doi.org/10.3390/molecules24071245>.

Tarbah, Ali Fuad. 2003. "Analytical Studies on the Kavain Metabolism in Human Specimen and Liver Cell Lines." Erlangung des Doktorgrades der Mathematisch-Naturwissenschaftlichen Fakultät der Heinrich-Heine-Universität Düsseldorf.

Tarbah, F., H. Mahler, B. Kardel, W. Weinmann, D. Hafner, and Th Daldrup. 2003. "Kinetics of Kavain and Its Metabolites after Oral Application." *Journal of Chromatography B* 789 (1): 115–30. [https://doi.org/10.1016/S1570-0232\(03\)00046-1](https://doi.org/10.1016/S1570-0232(03)00046-1).

Tarbah, Fuad, Yann Barguil, Claudia Müller, Annette Rickert, Wolfgang Weinmann, Mohammed Nour, Pascal Kintz, and Thomas Daldrup. 2013. "Chromatographic Hair Analysis for Natural Kavalactones and Their Metabolites. A Preliminary Study." *Annales de Toxicologie Analytique* 25 (3): 109–19. <https://doi.org/10.1051/ata/2013044>.

Tarianga, Josepheen. 2022. "Kava Price Gradually Increasing." Vanuatu Daily Post. March 15, 2022. https://www.dailypost.vu/news/kava-price-gradually-increasing/article_27fdbd78d-0e7f-5bb5-8947-1c1569586386.html.

Tavana, Gaugau, Patricia Stewart, Diane Ragone, Krisa Fredrickson, Paul Cox, and Joan Borel. 2003. "Lack of Evidence of Kava-Related Hepatotoxicity in Native Populations in Savaii, Samoa." *The Journal of the American Botanical Council* 2003 (59): 28–32. <https://www.herbalgram.org/media/12000/issue59.pdf>.

Tawfiq, Rasha A., Noha N. Nassar, Wafaa I. El-Eraky, and Ezzeldein S. El-Denshary. 2014. "Enhanced Efficacy and Reduced Side Effects of Diazepam by Kava Combination." *Journal of Advertising Research* 5 (5): 587–94. <https://doi.org/10.1016/j.jare.2013.08.002>.

Taylor, Dr M., and Luseane Taufa. 1997. "Decontamination of Kava (*Piper Methysticum*) for in Vitro Propagation." In *International Symposium on Biotechnology of Tropical and Subtropical Species Part 2* 461, 267–74. actahort.org. https://www.actahort.org/books/461/461_29.htm.

Taylor, John P. 2010. "Janus and the Siren's Call: Kava and the Articulation of Gender and Modernity in Vanuatu." *The Journal of the Royal Anthropological Institute* 16 (2): 279–96. <https://doi.org/10.1111/j.1467-9655.2010.01625.x>.

Tayyab, Saad. 2012. "Multispectroscopic and Molecular Modeling Approach To Investigate the Interaction of Flavokawain B with Human Serum Albumin." *Journal of Agricultural and Food Chemistry*, no. 60: 5899–8908. <https://doi.org/10.1021/jf301139h>.

Tecun, A., and S. A. Siu'ulua. 2020. "Mormon Masculinity, Family, and Kava in the Pacific." *The Routledge Handbook of Mormonism*. <https://doi.org/10.4324/9781351181600-35/mormon-masculinity-family-kava-pacific-arcia-tecun-ata-siu-ulua>.

Tecun, Arcia. 2017. "TONGAN KAVA: PERFORMANCE, ADAPTATION, AND IDENTITY IN DIASPORA." *None*.

Tecun, Arcia, and Siu'ulua S. Ata. 2020. "Mormon Masculinity, Family, and Kava in the Pacific." In *The Routledge Handbook of Mormonism and Gender*, 449–63.

Tecun, Arcia, Robert Reeves, and Marlena Wolfgramm. 2020. "The Past Before Us: A Brief History of Tongan Kava." *The Journal of the Polynesian Society. Polynesian Society* 129 (2): 171–92. <https://doi.org/10.15286/jps.129.2.171-192>.

Teixeira da Silva, Thaís, Júlia Braga Martins, Maria Do Socorro de Brito Lopes, Pedro Marcos de Almeida, José Luiz Silva Sá, and Francielle Alline Martins. 2021. "Modulating Effect of DL-Kavain on the Mutagenicity and Carcinogenicity Induced by Doxorubicin in Drosophila Melanogaster." *Journal of Toxicology and Environmental Health. Part A* 84 (19): 769–82. <https://doi.org/10.1080/15287394.2021.1942354>.

Teschke, R., J. Fuchs, R. Bahre, A. Gentner, and A. Wolff. 2010. "Kava Hepatotoxicity: Comparative Study of Two Structured Quantitative Methods for Causality Assessment." *Journal of Clinical Pharmacy and Therapeutics* 35 (5): 545–63. <https://doi.org/10.1111/j.1365-2710.2009.01131.x>.

Teschke, R., W. Gaus, and D. Loew. 2003. "Kava Extracts: Safety and Risks Including Rare Hepatotoxicity." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 10 (5): 440–46. <https://doi.org/10.1078/0944-7113-00314>.

Teschke, R., and A. Wolff. 2009. "Kava Hepatotoxicity: Regulatory Data Selection and Causality Assessment." *Digestive and Liver Disease: Official Journal of the Italian Society of Gastroenterology and the Italian Association for the Study of the Liver* 41 (12): 891–901. <https://doi.org/10.1016/j.dld.2009.04.003>.

Teschke, Rolf. 2010a. "Kava Hepatotoxicity--a Clinical Review." *Annals of Hepatology* 9 (3): 251–65. [https://doi.org/10.1016/S1665-2681\(19\)31634-5](https://doi.org/10.1016/S1665-2681(19)31634-5).

———. 2010b. "Kava Hepatotoxicity: Pathogenetic Aspects and Prospective Considerations." *Liver International: Official Journal of the International Association for the Study of the Liver* 30 (9): 1270–79. <https://doi.org/10.1111/j.1478-3231.2010.02308.x>.

Teschke, Rolf, Alexander Gentner, and Albrecht Wolff. 2009. "Kava Hepatotoxicity: Comparison of Aqueous, Ethanolic, Acetonic Kava Extracts and Kava-Herbs Mixtures." *Journal of Ethnopharmacology* 123 (3): 378–84. <https://doi.org/10.1016/j.jep.2009.03.038>.

Teschke, Rolf, and Vincent Lebot. 2011. "Proposal for a Kava Quality Standardization Code." *Food and Chemical Toxicology: An International Journal Published for the British Industrial Biological Research Association* 49 (10): 2503–16. <https://doi.org/10.1016/j.fct.2011.06.075>.

Teschke, Rolf, Samuel X. Qiu, and Vincent Lebot. 2011. "Herbal Hepatotoxicity by Kava: Update on Pipermethystine, Flavokavain B, and Mould Hepatotoxins as Primarily Assumed Culprits." *Digestive and Liver Disease: Official Journal of the Italian Society of Gastroenterology and the Italian Association for the Study of the Liver* 43 (9): 676–81. <https://doi.org/10.1016/j.dld.2011.01.018>.

Teschke, Rolf, Samuel X. Qiu, Tran Dang Xuan, and Vincent Lebot. 2011. "Kava and Kava Hepatotoxicity: Requirements for Novel Experimental, Ethnobotanical and Clinical Studies Based on a Review of the Evidence." *Phytotherapy Research: PTR* 25 (9): 1263–74. <https://doi.org/10.1002/ptr.3464>.

Teschke, Rolf, Jerome Sarris, Xaver Glass, and Johannes Schulze. 2011. "Kava, the Anxiolytic Herb: Back to Basics to Prevent Liver Injury?: Kava, back to Basics?" *British Journal of Clinical Pharmacology* 71 (3): 445–48. <https://doi.org/10.1111/j.1365-2125.2010.03775.x>.

Teschke, Rolf, Jerome Sarris, and Vincent Lebot. 2011. "Kava Hepatotoxicity Solution: A Six-Point Plan for New Kava Standardization." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 18 (2-3): 96–103. <https://doi.org/10.1016/j.phymed.2010.10.002>.

———. 2013. "Contaminant Hepatotoxins as Culprits for Kava Hepatotoxicity--Fact or Fiction?" *Phytotherapy Research: PTR* 27 (3): 472–74. <https://doi.org/10.1002/ptr.4729>.

Teschke, Rolf, Jerome Sarris, and Isaac Schweitzer. 2012. "Kava Hepatotoxicity in Traditional and Modern Use: The

Presumed Pacific Kava Paradox Hypothesis Revisited." *British Journal of Clinical Pharmacology* 73 (2): 170–74. <https://doi.org/10.1111/j.1365-2125.2011.04070.x>.

Teschke, Rolf, and Mathias Schmidt. 2020. "Controversy on a Newly Published Case of Assumed Acute Liver Failure One Day after Kava Use: Issues of Confounders, Causality, and an Undetermined Cause." *Journal of Modern Medicinal Chemistry* 2020 (8): 33–40. <https://doi.org/10.12970/2308-8044.2020.08.04>.

Teschke, Rolf, and Johannes Schulze. 2010. "Risk of Kava Hepatotoxicity and the FDA Consumer Advisory." *JAMA: The Journal of the American Medical Association* 304 (19): 2174–75. <https://doi.org/10.1001/jama.2010.1689>.

Teschke, Rolf, Alexander Schwarzenboeck, and Ahmet Akinci. 2008. "Kava Hepatotoxicity: A European View." *The New Zealand Medical Journal* 121 (1283): 90–98. <https://www.ncbi.nlm.nih.gov/pubmed/18841189>.

Teschke, Rolf, Alexander Schwarzenboeck, and Karl-Heinz Hennermann. 2008. "Kava Hepatotoxicity: A Clinical Survey and Critical Analysis of 26 Suspected Cases." *European Journal of Gastroenterology & Hepatology* 20 (12): 1182–93. <https://doi.org/10.1097/MEG.0b013e3283036768>.

The ACP Council of Ministers. 2003. "Revision of the Ban, Restrictions and Market Recalls of Kava Containing Products."

"The First Dutch Expedition." 2001. 2001. <https://www.papuaerfgoed.org/en/theme/first-dutch-expedition>.

The Food and Drug Administration. 2002. "Safety Alerts & Advisories - Consumer Advisory: Kava-Containing Dietary Supplements May Be Associated with Severe Liver Injury." FDA. <https://web.archive.org/20170722144010/https://www.fda.gov/Food/RecallsOutbreaksEmergencies/SafetyAlertsAdvisories/ucm085482.htm>.

The National Association of Health Stores. Letter to Alexandra Williamson. 2002. "The National Association of Health Stores," September 23, 2002.

Thesis, A. n.d. "The Effects of Kavalactones on Cholinergic Signaling and Acetylcholinesterase Activity in *Caenorhabditis Elegans*."

Thieury, Charlotte, Nicolas Lebouvier, Rémy Le Guével, Yann Barguil, Gaëtan Herbette, Cyril Antheaume, Edouard Hnawia, Yoshinori Asakawa, Mohammed Nour, and Thierry Guillaudeux. 2017. "Mechanisms of Action and Structure-Activity Relationships of Cytotoxic Flavokawain Derivatives." *Bioorganic & Medicinal Chemistry* 25 (6): 1817–29. <https://doi.org/10.1016/j.bmc.2017.01.049>.

Thompson, Richard, Willibald Ruch, and Rüdiger U. Hasenöhrl. 2004. "Enhanced Cognitive Performance and Cheerful Mood by Standardized Extracts of *Piper Methysticum* (Kava-Kava)." *Human Psychopharmacology: Clinical and Experimental* 19 (4): 243–50. <https://onlinelibrary.wiley.com/doi/abs/10.1002/hup.581>.

Thomsen, Michael, and Mathias Schmidt. 2021. "Health Policy versus Kava (*Piper Methysticum*): Anxiolytic Efficacy May Be Instrumental in Restoring the Reputation of a Major South Pacific Crop." *Journal of Ethnopharmacology* 268 (March): 113582. <https://doi.org/10.1016/j.jep.2020.113582>.

Thomsen, Michael, Luis Vitetta, Matthias Schmidt, and Avni Sali. 2004. "Fatal Fulminant Hepatic Failure Induced by a Natural Therapy Containing Kava." *The Medical Journal of Australia*. <https://doi.org/10.5694/j.1326-5377.2004.tb05875.x>.

Thorarensen, Hildur. 2011. "Heal, Pray, Prosper. Practice and Discourse within a Local Pentecostal Church in Vanuatu." The University of Bergen. <https://bora.uib.no/bora-xmlui/handle/1956/5340>.

Thurn, Everard. 1922. "Piper Methysticum in Betel-Chewing." *Man* 22: 57.

Tim Slawinski, Division Director. Letter to All Local Health Departments (LHDs). 2022. "Michigan Dept of Agriculture & Rural Development - Michigan Retail Food Establishments Selling Kava Products," March 17, 2022.

Titcomb, Margaret. 1948. "Kava in Hawaii." *The Journal of the Polynesian Society. Polynesian Society* 57 (2): 105–71. <https://doi.org/10.2307/20703155>.

Tith, Solina, and Kirk Lalwani. 2015. "Ca Va, C'est Kava." In *A Case Approach to Perioperative Drug-Drug Interactions*, edited by Catherine Marcucci, Michael P. Hutchens, Erica D. Wittwer, Toby N. Weingarten, Juraj Sprung, Wayne T. Nicholson, Kirk Lalwani, et al., 945–47. 1. Springer.

Tomlinson, Matt. 2004. "Perpetual Lament: Kava-Drinking, Christianity and Sensations of Historical Decline in Fiji." *The Journal of the Royal Anthropological Institute* 10 (3): 653–73. <http://www.jstor.org/stable/3803799>.

———. 2006a. "A CONSUMING TRADITION Kava Drinking in Fiji." In *Consuming Tradition, Manufacturing Heritage - Global Norms and Urban Forms in the Age of Tourism*, edited by Nezar Alsayyad, 48:8–17. Routledge. <https://doi.org/10.4324/9781315011486>.

———. 2006b. "A Consuming Tradition - Kava Drinking In Fiji." Expedition Magazine - Penn Museum. Penn Museum. November 15, 2006. <https://www.penn.museum/sites/expedition/a-consuming-tradition/>.

———. 2007. "Everything and Its Opposite: Kava Drinking in Fiji." *Anthropological Quarterly* 80 (4): 1065–81. <http://www.jstor.org/stable/30052773>.

———. 2019. "Is There a Relationship between Ritual and Cliché?: Indigenous Fijian Criticism of Kava Drinking." *Ethnos*, December, 1–17. <https://doi.org/10.1080/00141844.2019.1640265>.

———. 2021. "Talanoa as Dialogue and PTC's Role in Creating Conversation." *Pacific Journal of Theology*. https://www.academia.edu/45055517/Talanoa_as_Dialogue_and_PTCs_Role_in_Creating_Conversation?auto=citations&from=cover_page.

Toohey, T. P., and Others. 2014. "Haloperidol/kavain/ropinirole Interaction." *Reactions* 1492: 24–15. <https://search.proquest.com/openview/e0b48e5d5d15e9762f26ffa472212489/1?pq-origsite=gscholar&cbl=43703>.

Toohey, Tara Pundiak, Brett Y. Lu, and Cherie Wada. 2013. "Toxic Effects of Psychotropics Related to Possible p450 Enzyme Inhibition by Kava: Report of 2 Cases." *The Primary Care Companion to CNS Disorders* 15 (5). <https://doi.org/10.4088/PCC.13br01539>.

Triolet, Julie, Ahmad Ali Shaik, Daniel D. Gallaher, Michael G. O'Sullivan, and Chengguo Xing. 2012. "Reduction in Colon Cancer Risk by Consumption of Kava or Kava Fractions in Carcinogen-Treated Rats." *Nutrition and Cancer* 64 (6): 838–46. <https://doi.org/10.1080/01635581.2012.689917>.

Troost, J. Maarten. 2006. *Getting Stoned with Savages: A Trip Through the Islands of Fiji and Vanuatu*. Broadway Books.

Trucksess, Mary W., Carolyn J. Oles, Carol M. Weaver, Kevin D. White, and Jeanne I. Rader. 2008. "Determination of

Fumonisin B₁ in Botanical Roots." In *Food Contaminants*, 1001:266–75. ACS Symposium Series. American Chemical Society. <https://doi.org/10.1021/bk-2008-1001.ch014>.

Tsutsui, Ryuki, Kazuaki Shinomiya, Yasuhiro Takeda, Yoshihito Obara, Yoshihisa Kitamura, and Chiaki Kamei. 2009. "Hypnotic and Sleep Quality-Enhancing Properties of Kavain in Sleep-Disturbed Rats." *Journal of Pharmacological Sciences* advpub: 0910300293–0910300293. <https://doi.org/10.1254/jphs.09167FP>.

Tuerxuntayi, Adila, Abudourusuli Tusun, and Abulikemu Tajiguli. 2021. "Rapid Detection and Structural Characterization of Methysticin Metabolites Generated from Rat and Human Liver Microsomes and Hepatocytes Using Ultra-High-Performance Liquid Chromatography Coupled with High-Resolution Mass Spectrometry." *Rapid Communications in Mass Spectrometry: RCM* 35 (24): e9208. <https://doi.org/10.1002/rcm.9208>.

Tugcu, Gulcin, Hasan Kırmızıbekmez, and Ahmet Aydın. 2020. "The Integrated Use of in Silico Methods for the Hepatotoxicity Potential of *Piper Methysticum*." *Food and Chemical Toxicology: An International Journal Published for the British Industrial Biological Research Association* 145 (November): 111663. <https://doi.org/10.1016/j.fct.2020.111663>.

TURENNE, Veronique de. 2000. "Kava Tea DUI Case Puts Spotlight on Community Steeped in Tradition." *Los Angeles Times*, May 7, 2000. <https://www.latimes.com/archives/la-xpm-2000-may-07-mn-27475-story.html>.

"TURMOIL AT VANUATU COMMODITIES BOARD." 2009. April 2009.
<http://www.pireport.org/articles/2009/04/22/turmoil-vanuatu-commodities-board>.

Turner, James W. 1986. "'The Water of Life': Kava Ritual and the Logic of Sacrifice." *Ethnology* 25 (3): 203–14. <https://doi.org/10.2307/3773584>.

———. 1995. "Substance, Symbol And Practice. The Power of Kava in Fijian Society." *Canberra Anthropology* 18 (1-2): 97–118. <https://doi.org/10.1080/03149099509508410>.

Turner, James West. 2012. "LISTENING TO THE ANCESTORS: KAVA AND THE LAPITA PEOPLES." *Ethnology* 51 (1).

Tzeng, Yew-Min, and Meng-Jen Lee. 2015. "Neuroprotective Properties of Kavalactones." *Neural Regeneration Research* 10 (6): 875–77. <https://doi.org/10.4103/1673-5374.158335>.

U.S. Department of Health and Human Services, Food and Drug Administration, and Center for Food Safety and Applied Nutrition. 2014. "Guidance for Industry - Distinguishing Liquid Dietary Supplements Beverages." US FDA.

Uebelhock, R., L. Fronke, and H-1 Schewe. 1998. "Inhibition of Platelet MAO-B by Kava Pyrone-Enriched Extract from *Piper Methysticum* Forster (Kava-Kava)." *Pharmacopsychiatry* 31 (5): 187–92. <https://doi.org/10.1055/s-2007-979325>.

Ulbricht, Catherine, Ethan Basch, Heather Boon, Edzard Ernst, Paul Hamerness, David Sollars, Candy Tsourounis, Jen Woods, and Stephen Bent. 2005. "Safety Review of Kava (*Piper Methysticum*) by the Natural Standard Research Collaboration." *Expert Opinion on Drug Safety* 4 (4): 779–94. <https://doi.org/10.1517/14740338.4.4.779>.

Ulbricht, Catherine, Ethan Basch, Hamerness Paul, Sollars David, Basch Samuel, Heather Boon, Catherine Ulbricht, et al. 2002. "Kava Monograph." *Journal of Herbal Pharmacotherapy* 2 (4): 65–91. https://doi.org/10.1080/J157v02n04_07.

Unger, Matthias, and Andreas Frank. 2004. "Simultaneous Determination of the Inhibitory Potency of Herbal Extracts on the Activity of Six Major Cytochrome P450 Enzymes Using Liquid Chromatography/mass Spectrometry and Automated Online Extraction." *Rapid Communications in Mass Spectrometry: RCM* 18 (19): 2273–81.

<https://doi.org/10.1002/rcm.1621>.

University of Florida. 2010. "Useful Pharmacokinetic Equations." <https://pharmacy.ufl.edu/files/2013/01/5127-28-equations.pdf>.

Upadhyay, Atul, Emmy Tuenter, Rizwan Ahmad, Adnan Amin, Vasiliki Exarchou, Sandra Apers, Nina Hermans, and Luc Pieters. 2014. "Kavalactones, a Novel Class of Protein Glycation and Lipid Peroxidation Inhibitors." *Planta Medica* 80 (12): 1001–8. <https://doi.org/10.1055/s-0034-1382949>.

Upton, Roy. 2002. *2002 Medicines from the Earth Conference - Kava Hepatotoxicity Update*. MP3. BotanicalMedicine.org. <https://www.botanical-medicine.org/Kava-Hepatotoxicity-Update>.

Urquhart, Belinda, and Neil Thomson. 2009. "Review of the Misuse of Kava among Indigenous Australians." *Australian Indigenous HealthReviews* 9 (3): 1–14. <http://ro.ecu.edu.au/cgi/viewcontent.cgi?article=1598&context=ecuworks>.

Uzomba, N. I., Ajah Obinna, and E. C. Amaralam. 2020. "PHYTOCHEMICAL AND NUTRITIONAL COMPOSITION OF PIPER METHYSTICUM LEAEVES." *World Journal of Pharmaceutical Research* 9 (3): 220–26. <https://doi.org/10.20959/wjpr20203-16848>.

Va'a, Unasa Leulu Fplise. 2010. "Indigenous Anthropology and the Kava Myth in Manu'a." *Pacific Studies* 33: 19–19. <http://ojs-dev.bryuh.edu/index.php/pacific/article/download/1165/1116>.

Vaka, Sione. 2014. "A Tongan Talanoa about Conceptualizations Constructions and Understandings of Mental Illness." Doctor of Philosophy , Massey University.

Vakamacawai, Esala, Eddie McCaig, Ifereimi Waqainabete, and Michael R. Cox. 2020. "Amoebic Liver Abscesses in Fiji: Epidemiology, Clinical Presentation and Comparison of Percutaneous Aspiration and Percutaneous Catheter Drainage." *World Journal of Surgery* 44 (3): 665–72. <https://doi.org/10.1007/s00268-019-05274-7>.

Vale Junior, Erasmo P. D. O., Marcos Vitor R. Ferreira, Bianca Cristina S. Fernandes, Thais T. D. A. Silva, Francielle Alline Martins, and Pedro Marcos D. E. Almeida. 2022. "Protective Effect of Kavain in Meristematic Cells of Allium Cepa L (Onion)." *Anais Da Academia Brasileira de Ciencias* 94 (2): e20200520. <https://doi.org/10.1590/0001-3765202220200520>.

Valley, Moreno, C. A. Brian Pierce, Thousand Oaks, and C. A. William Birdsall. 2003. US 2003.0099756A1. USPTO 20030099756A1. *US Patent*, filed 2001, and issued 2003.

Van Quan, Nguyen, Tran Dang Xuan, and Rolf Teschke. 2020. "Potential Hepatotoxins Found in Herbal Medicinal Products: A Systematic Review." *International Journal of Molecular Sciences* 21 (14): 5011. <https://doi.org/10.3390/ijms21145011>.

Van, Truong Mai, Tran Dang Xuan, Truong Ngoc Minh, and Nguyen Van Quan. 2018. "Isolation and Purification of Potent Growth Inhibitors from Piper Methysticum Root." *Molecules* 23 (8). <https://doi.org/10.3390/molecules23081907>.

Vandenbroucke, Henri, Pierre Mournet, Roger Malapa, Jean-Christophe Glaszmann, Hana Chaïr, and Vincent Lebot. 2015. "Comparative Analysis of Genetic Variation in Kava (Piper Methysticum) Assessed by SSR and DArT Reveals Zygotic Foundation and Clonal Diversification." *Genome / National Research Council Canada = Genome / Conseil National de Recherches Canada* 58 (1): 1–11. <https://doi.org/10.1139/gen-2014-0166>.

Vanuatu. 2002. "Kava Act 2002." 7. Republic Of Vanuatu. <https://biosecurity.gov.vu/images/Export/kava-act-2002.pdf>.

Various. 2002a. "Selected Abstracts from Pacific Kava Symposium (2002)." In.

—. 2002b. "Statement on Kava-Kava by the Members of the Commission E at the BfArM."

https://web.archive.org/web/20030901220234/http://www.spc.int/cis/documents/Rebuttal_by_CommE_702.pdf.

—. 2003. "Herbalgram Spring 2003." *The Journal of the American Botanical Council*, no. 58.

<https://www.herbalgram.org/resources/herbalgram/issues/58/>.

—. , ed. 2006. "Piper Methysticum." In *Meyler's Side Effects of Drugs*, 2837–39. Elsevier.

—. 2012. "Toxicology and Carcinogenesis Studies of Kava Kava Extract (CAS No. 9000-38-8) in F344/N Rats and

B6C3F1 Mice (gavage Studies)." *National Toxicology Program* 571 (1): 1–186.

<https://ntp.niehs.nih.gov/publications/reports/tr/500s/tr571/index.html>.

—. 2017. "Kava in Modern Therapy and in the Bars of New Caledonia." https://docplayer-fr.translate.goog/44928712-Le-kava-en-therapeutique-moderne-et-dans-les-bars-de-nouvelle-caledonie.html?_x_tr_sl=fr&_x_tr_tl=en&_x_tr_hl=en&_x_tr_pto=sc.

Vave, Ron, Kimberly M. Burnett, and Alan M. Friedlander. 2023. "Balancing Culture and Survival: An Urban-Rural Socioeconomic Assessment of Indigenous Fijian Funerals in Fiji." *World Development Sustainability* 2 (June): 100063. <https://doi.org/10.1016/j.wds.2023.100063>.

Vázquez-Amaya, Laura Y., Leticia Quintero, Braulio Rodríguez-Gómez-Molina, and Fernando Sartillo-Piscil. 2020. "Transition-Metal-Free Total Synthesis and Revision of the Absolute Configuration of Pipermethystine." *The Journal of Organic Chemistry* 85 (5): 3949–53. <https://doi.org/10.1021/acs.joc.9b03218>.

Veen, A. G. van. 1939. "Isolation and Constitution of the Narcotic Substance from Kawa-Kawa, (Piper Methysticum)."

Recueil Des Travaux Chimiques Des Pays-Bas (Leiden, Netherlands : 1920) 58 (6): 521–27.

<https://doi.org/10.1002/recl.19390580607>.

Vignier, Nicolas, France Lert, Christine Salomon, and Christine Hamelin. 2011. "Kava Drinking Associated with Suicidal Behaviour among Young Kanaks Using Kava in New Caledonia." *Australian and New Zealand Journal of Public Health* 35 (5): 427–33. <https://doi.org/10.1111/j.1753-6405.2011.00737.x>.

Vinay, Prasad Abhineshwar. 2021. "Development of Mass Propagation System for Four Elite Varieties of Kava." Master of Science., School of Agriculture, Geography, Environment, Ocean and Natural Sciences..

Visser, Edward P. 1994. "SKELETAL EVIDENCE OF KAVA USE IN PREHISTORIC FIJI." *The Journal of the Polynesian Society. Polynesian Society* 103 (3): 299–317. <http://www.jstor.org/stable/20706579>.

Viswanathan, K., and S. Swaminathan. 1960. "Di-Marindinin (dihydrokawain) and Some Related 6-Aryl-5, 6-Dihydro-4-Methoxy-2-Pyrone." *Proceedings of the Indian Academy of Sciences - Section A* 52 (2): 63–68. <https://doi.org/10.1007/BF03049144>.

Volgin, Andrey, Longen Yang, Tamara Amstislavskaya, Konstantin Demin, Dongmei Wang, Dongni Yan, Jingtao Wang, et al. 2020. "DARK Classics in Chemical Neuroscience: Kava." *ACS Chemical Neuroscience*, January. <https://doi.org/10.1021/acschemneuro.9b00587>.

Volz HP, Kieser M. 1997. "Kava-Kava Extract WS 1490 versus Placebo in Anxiety Disorders--a Randomized Placebo-Controlled 25-Week Outpatient Trial." *Pharmacopsychiatry* 30 (1): 1–5. <https://doi.org/10.1055/s-2007-979474>.

Wainiqolo, Iris, Berlin Kafoa, Bridget Kool, Elizabeth Robinson, Josephine Herman, Eddie McCaig, and Shanthi Ameratunga. 2016. "Driving Following Kava Use and Road Traffic Injuries: A Population-Based Case-Control Study in Fiji (TRIP 14)." *PLoS One* 11 (3): e0149719. <https://doi.org/10.1371/journal.pone.0149719>.

Wainiqolo, Iris, Bridget Kool, Vili Nosa, and Shanthi Ameratunga. 2015. "Is Driving under the Influence of Kava Associated with Motor Vehicle Crashes? A Systematic Review of the Epidemiological Literature." *Australian and New Zealand Journal of Public Health* 39 (5): 495–99. <https://doi.org/10.1111/1753-6405.12435>.

Walden, J., J. von Wegerer, U. Winter, M. Berger, and H. Grunze. 1997. "Effects of Kavain and Dihydromethysticin on Field Potential Changes in the Hippocampus." *Progress in Neuro-Psychopharmacology & Biological Psychiatry* 21 (4): 697–706. [https://doi.org/10.1016/s0278-5846\(97\)00042-0](https://doi.org/10.1016/s0278-5846(97)00042-0).

Walden, Jorg, Jorg Von Wegerer, Ute Winter, and M. Berger. 1997. "Actions of Kavain and Dihydromethysticin on Ipsapirone-Induced Field Potential Changes in the Hippocampus." *HUMAN PSYCHOPHARMACOLOGY, VOL.* 12: 265–70. [https://doi.org/10.1002/\(SICI\)1099-1077\(199705/06\)12:3](https://doi.org/10.1002/(SICI)1099-1077(199705/06)12:3).

Walia, Arman, Nikta Rezakahn Khajeh, Michael Wu, Cyrus Khoyilar, and Xiaolin Zi. 2016. "Kava in Prostate Cancer Prevention and Treatment." *Complementary and Alternative Medicines in Prostate Cancer: A Comprehensive Approach*, 29.

https://books.google.com/books?hl=en&lr=&id=yKSIDQAAQBAJ&oi=fnd&pg=PT230&dq=kava+DRINK&ots=h2uT5AX3HE&sig=oVdsZoh3Km_u658jMLuJtAcfB64.

Waller, Donald. 2002. "Report on Kava and Liver Damage to the American Herbal Products Association." American Herbal Products Assoc.

Wang, Dongmei, Longen Yang, Jingtao Wang, Guojun Hu, Ziyuan Liu, Dongni Yan, Nazar Serikuly, et al. 2020. "Behavioral and Physiological Effects of Acute and Chronic Kava Exposure in Adult Zebrafish." *Neurotoxicology and Teratology* 79 (May): 106881. <https://doi.org/10.1016/j.ntt.2020.106881>.

Wang, Jun, Weiyue Qu, Harry C. Bittenbender, and Qing X. Li. 2015. "Kavalactone Content and Chemotype of Kava Beverages Prepared from Roots and Rhizomes of Isa and Mahakea Varieties and Extraction Efficiency of Kavalactones Using Different Solvents." *Journal of Food Science and Technology* 52 (2): 1164–69. <https://doi.org/10.1007/s13197-013-1047-2>.

Wang, Jun, Weiyue Qu, Soojin Jun, Harry C. Bittenbender, and Qing X. Li. 2010. "Rapid Determination of Six Kavalactones in Kava Root and Rhizome Samples Using Fourier Transform Infrared Spectroscopy and Multivariate Analysis in Comparison with Gas Chromatography." *Analytical Methods* 2 (5): 492–98. <https://doi.org/10.1039/C0AY00021C>.

Wang, Pengcheng, Junjie Zhu, Amina I. Shehu, Jie Lu, Jing Chen, Xiao-Bo Zhong, and Xiaochao Ma. 2019. "Enzymes and Pathways of Kavain Bioactivation and Biotransformation." *Chemical Research in Toxicology* 32 (7): 1335–42. <https://doi.org/10.1021/acs.chemrestox.9b00098>.

Wang, Yi, Shainnel O. Eans, Heather M. Stacy, Sreekanth C. Narayananpillai, Abhisheak Sharma, Naomi Fujioka, Linda Haddad, Jay McLaughlin, Bonnie A. Avery, and Chengguo Xing. 2018. "A Stable Isotope Dilution Tandem Mass Spectrometry Method of Major Kavalactones and Its Applications." *PLoS One* 13 (5): e0197940.

<https://doi.org/10.1371/journal.pone.0197940>.

Wang, Yi, Sreekanth C. Narayananpillai, Katelyn M. Tessier, Lori G. Strayer, Pramod Upadhyaya, Qi Hu, Rick Kingston, et al. 2020. "The Impact of One-Week Dietary Supplementation with Kava on Biomarkers of Tobacco Use and Nitrosamine-Based Carcinogenesis Risk among Active Smokers." *Cancer Prevention Research* 13 (5): 483–92.
<https://doi.org/10.1158/1940-6207.CAPR-19-0501>.

Wanwimolruk, Sompon, Kamonrat Phopin, and Virapong Prachayasittikul. 2014. "Cytochrome P450 Enzyme Mediated Herbal Drug Interactions (Part 2)." *EXCLI Journal* 13 (August): 869–96. <https://www.ncbi.nlm.nih.gov/pubmed/26417310>.

Warburton, Emma, Paul L. Norris, and Heidi Goenaga-Infante. 2007. "Comparison of the Capabilities of Accelerated Solvent Extraction and Sonication as Extraction Techniques for the Quantification of Kavalactones in Piper Methysticum (Kava) Roots by High Performance Liquid Chromatography with Ultra Violet Detection." *Phytochemical Analysis: PCA* 18 (2): 98–102. <https://doi.org/10.1002/pca.955>.

Warne, H. F. 1905. *P.C. & Co Amber Druggist Bottle - Kava Kava*.

Washoe County Health District. 2023. "Reno Roots: Food Protection Hearing and Advisory Board Meeting Notice and Agenda." Washoe County Public Health.

Watkins, L. L., K. M. Connor, and J. R. Davidson. 2001. "Effect of Kava Extract on Vagal Cardiac Control in Generalized Anxiety Disorder: Preliminary Findings." *Journal of Psychopharmacology* 15 (4): 283–86.
<https://doi.org/10.1177/026988110101500407>.

We, Other Markets. 2016. "Kava Export Industry." 2016. https://phamaplus.com.au/wp-content/uploads/2016/05/Kava_FS_Vanuatu7.pdf.

Weiss, Johanna, Alexandra Sauer, Andreas Frank, and Matthias Unger. 2005. "Extracts and Kavalactones of Piper Methysticum G. Forst (kava-Kava) Inhibit P-Glycoprotein in Vitro." *Drug Metabolism and Disposition: The Biological Fate of Chemicals* 33 (11): 1580–83. <https://doi.org/10.1124/dmd.105.005892>.

Wheatley, D. 2001. "Kava and Valerian in the Treatment of Stress-Induced Insomnia." *Phytotherapy Research: PTR* 15 (6): 549–51. <https://doi.org/10.1002/ptr.840>.

Wheatley, David. 2001. "Stress-Induced Insomnia Treated with Kava and Valerian: Singly and in Combination." *Human Psychopharmacology* 16 (4): 353–56. <https://doi.org/10.1002/hup.299>.

White, C. Michael. 2018. "The Pharmacology, Pharmacokinetics, Efficacy, and Adverse Events Associated With Kava." *Journal of Clinical Pharmacology* 58 (11): 1396–1405. <https://doi.org/10.1002/jcp.1263>.

Whittaker, Paul, Jane J. Clarke, Richard H. C. San, Joseph M. Betz, Harold E. Seifried, Lowri S. de Jager, and Virginia C. Dunkel. 2008. "Evaluation of Commercial Kava Extracts and Kavalactone Standards for Mutagenicity and Toxicity Using the Mammalian Cell Gene Mutation Assay in L5178Y Mouse Lymphoma Cells." *Food and Chemical Toxicology: An International Journal Published for the British Industrial Biological Research Association* 46 (1): 168–74.
<https://doi.org/10.1016/j.fct.2007.07.013>.

Whitton, Peter A. 2004. "Response to Schmidt 'Are Kavalactones the Hepatotoxic Principle of Kava Extracts? The Pitfalls of the Glutathione Theory.'" *The Journal of Alternative and Complementary Medicine* 9 (2): 187–88.
<https://doi.org/10.1089/10755530360623293>.

Whitton, Peter A., Andrew Lau, Alicia Salisbury, Julie Whitehouse, and Christine S. Evans. 2003. "Kava Lactones and the Kava-Kava Controversy." *Phytochemistry* 64 (3): 673–79. [https://doi.org/10.1016/s0031-9422\(03\)00381-9](https://doi.org/10.1016/s0031-9422(03)00381-9).

Williams, Izaak L., George K. Makini, and William C. Rezentes 3rd. 2021. "Indigenous Hawaiian Psychoactive Drug Use: Before European Contact, and after 1778." *Journal of Psychoactive Drugs* 53 (2): 111–26. <https://doi.org/10.1080/02791072.2020.1833114>.

Wilson, Deanne, and Others. 1996. "Kava on the Marae in Aotearoa." In *Oceanic Studies: Proceedings of the First International Conference on Oceanic Linguistics*. Pacific Linguistics. <https://openresearch-repository.anu.edu.au/bitstream/1885/253875/1/PL-C133.483.pdf>.

Winter, K. 2004. "Hawaiian Awa." researchgate.net. https://www.researchgate.net/profile/Kawika-Winter/publication/29742697_Hawaiian_%27awa_Piper_Methysticum_A_Study_In_Ethnobotany/links/59d5eb0b458515140ee77fb7/Hawaiian-awa-Piper-Methysticum-A-Study-In-Ethnobotany.pdf.

Winter, Kawika. 2004. "Hawaiian'awa Piper Methysticum A Study In Ethnobotany." scholarspace.manoa.hawaii.edu. https://scholarspace.manoa.hawaii.edu/bitstream/10125/10409/uhm_ms_3904_r.pdf.

Winter, Kawika, and Will McClatchey. 2009. "The Quantum Co-Evolution Unit: An Example of 'Awa (Kava—Piper Methysticum G. Foster) in Hawaiian Culture." *Economic Botany* 63 (4): 353–62. <https://doi.org/10.1007/s12231-009-9089-0>.

Witte, Steffen, Dieter Loew, and Wilhelm Gaus. 2005. "Meta-Analysis of the Efficacy of the Acetonic Kava-Kava Extract WS1490 in Patients with Non-Psychotic Anxiety Disorders." *Phytotherapy Research: PTR* 19 (3): 183–88. <https://doi.org/10.1002/ptr.1609>.

Wood, Latham. 2021. "Canoes, Kava, Kastom, and the Politics of Culture on Aneityum." *University of Oregon Scholar's Bank*, September. <https://doi.org/https://scholarsbank.uoregon.edu/xmlui/handle/1794/26687>.

Wooltorton, Eric. 2002a. "Herbal Kava: Reports of Liver Toxicity." *CMAJ: Canadian Medical Association Journal = Journal de l'Association Medicale Canadienne* 166 (6): 777. <https://www.ncbi.nlm.nih.gov/pubmed/11944767>.

———. 2002b. "Brief Safety Updates: Acetaminophen, ASA and Kava." *CMAJ: Canadian Medical Association Journal = Journal de l'Association Medicale Canadienne* 167 (9): 1034. <https://www.ncbi.nlm.nih.gov/pubmed/12403745>.

World Health Organization. 2007. *Assessment of the Risk of Hepatotoxicity with Kava Products*. WHO Regional Office Europe. <https://play.google.com/store/books/details?id=2KXWY6kPESUC>.

Wruck, Christoph J., Mario E. Götz, Thomas Herdegen, Deike Varoga, Lars-Ove Brandenburg, and Thomas Pufe. 2008. "Kavalactones Protect Neural Cells against Amyloid Beta Peptide-Induced Neurotoxicity via Extracellular Signal-Regulated Kinase 1/2-Dependent Nuclear Factor Erythroid 2-Related Factor 2 Activation." *Molecular Pharmacology* 73 (6): 1785–95. <https://doi.org/10.1124/mol.107.042499>.

Wu, D., L. Yu, M. G. Nair, D. L. DeWitt, and R. S. Ramsewak. 2002. "Cyclooxygenase Enzyme Inhibitory Compounds with Antioxidant Activities from Piper Methysticum (kava Kava) Roots." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 9 (1): 41–47. <https://doi.org/10.1078/0944-7113-00068>.

Wu, Di, Muraleedharan G. Nair, and David L. DeWitt. 2002. "Novel Compounds from Piper Methysticum Forst (Kava Kava)

Roots and Their Effect on Cyclooxygenase Enzyme." *Journal of Agricultural and Food Chemistry* 50 (4): 701–5. <https://doi.org/10.1021/jf010963x>.

Wu, Yinan, Maple N. Chen, and Sijin Li. 2022. "De Novo Biosynthesis of Diverse Plant-Derived Styrylpyrones in *Saccharomyces Cerevisiae*." *Metabolic Engineering Communications* 14 (June): e00195. <https://doi.org/10.1016/j.mec.2022.e00195>.

Xia, Qingsu, Hsiu-Mei Chiang, Yu-Ting Zhou, Jun-Jie Yin, Fang Liu, Cheng Wang, Lei Guo, and Peter P. Fu. 2012. "Phototoxicity of Kava - Formation of Reactive Oxygen Species Leading to Lipid Peroxidation and DNA Damage." *The American Journal of Chinese Medicine* 40 (6): 1271–88. <https://doi.org/10.1142/S0192415X12500942>.

Xiang, Cai-Peng, Jia-Xin Han, Xing-Cong Li, Yun-Hui Li, Yi Zhang, Lin Chen, Yan Qu, et al. 2017. "Chemical Composition and Acetylcholinesterase Inhibitory Activity of Essential Oils from *Piper* Species." *Journal of Agricultural and Food Chemistry* 65 (18): 3702–10. <https://doi.org/10.1021/acs.jafc.7b01350>.

Xu, Xia, Xuejiao Tian, Liankun Song, Jun Xie, Joseph C. Liao, Joshua J. Meeks, Xue-Ru Wu, et al. 2023. "Kawain Inhibits Urinary Bladder Carcinogenesis through Epigenetic Inhibition of LSD1 and Upregulation of H3K4 Methylation." *Biomolecules* 13 (3): 521. <https://doi.org/10.3390/biom13030521>.

Xuan, T. D., A. A. Elzaawely, M. Fukuta, and S. Tawata. 2006. "Herbicidal and Fungicidal Activities of Lactones in Kava (*Piper Methysticum*)."*Journal of Agricultural and Food Chemistry* 54 (3): 720–25. <https://doi.org/10.1021/jf0519461>.

Xuan, Tran Dang, Masakazu Fukuta, Ao Chang Wei, Abdelnaser Abdelghany Elzaawely, Tran Dang Khanh, and Shinkichi Tawata. 2008. "Efficacy of Extracting Solvents to Chemical Components of Kava (*Piper Methysticum*) Roots."*Journal of Natural Medicines* 62 (2): 188–94. <https://doi.org/10.1007/s11418-007-0203-2>.

Xuan, Tran Dang, and Rolf Teschke. 2015. "Dihydro-5,6-Dehydrokavain (DDK) from *Alpinia Zerumbet*: Its Isolation, Synthesis, and Characterization." *Molecules* 20 (9): 16306–19. <https://doi.org/10.3390/molecules200916306>.

Yadav, Vivek R., Sahdeo Prasad, Bokyung Sung, and Bharat B. Aggarwal. 2011. "The Role of Chalcones in Suppression of NF-κB-Mediated Inflammation and Cancer." *International Immunopharmacology* 11 (3): 295–309. <https://doi.org/10.1016/j.intimp.2010.12.006>.

Yadnu, N. Singh. 1986. "A Review of the Chemistry and Pharmacology of Kava." University of Alberta. http://moana.library.usp.ac.fj/gsdl/collect/kalenchits_m-moanausp/index/assoc/HASH0127.dir/doc.pdf.

Yamashita, Haruhiro, Mark J. Hoenerhoff, Shyamal D. Peddada, Robert C. Sills, and Arun R. Pandiri. 2016. "Chemical Exacerbation of Light-Induced Retinal Degeneration in F344/N Rats in National Toxicology Program Rodent Bioassays."*Toxicologic Pathology* 44 (6): 892–903. <https://doi.org/10.1177/0192623316650050>.

Yamashita, Haruhiro, Mark J. Hoenerhoff, Keith R. Shockley, Shyamal D. Peddada, Kevin E. Gerrish, Deloris Sutton, Connie A. Cummings, et al. 2018. "Reduced Disc Shedding and Phagocytosis of Photoreceptor Outer Segment Contributes to Kava Kava Extract-Induced Retinal Degeneration in F344/N Rats." *Toxicologic Pathology* 46 (5): 564–73. <https://doi.org/10.1177/0192623318778796>.

Yamazaki, Yuko, Hiroko Hashida, Anna Arita, Keiko Hamaguchi, and Fumio Shimura. 2008. "High Dose of Commercial Products of Kava (*Piper Methysticum*) Markedly Enhanced Hepatic Cytochrome P450 1A1 mRNA Expression with Liver Enlargement in Rats." *Food and Chemical Toxicology: An International Journal Published for the British Industrial Biological Research Association* 46 (12): 3732–38. <https://doi.org/10.1016/j.fct.2008.09.052>.

- Yang, Jian Xiang. 2019. "A New Kavalactone Dimer from *Piper Methysticum*." *Chemistry of Natural Compounds* 55 (4): 606–9. <https://doi.org/10.1007/s10600-019-02759-8>.
- Yang, Xi, and William F. Salminen. 2011. "Kava Extract, an Herbal Alternative for Anxiety Relief, Potentiates Acetaminophen-Induced Cytotoxicity in Rat Hepatic Cells." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 18 (7): 592–600. <https://doi.org/10.1016/j.phymed.2011.02.006>.
- Yearsley, Connor. 2018. "The Botanical Endeavour of Sir Joseph Banks: Historic Prints from His *Florilegium*." *Herbalgram* 118 (1): 55–73.
- Yett, Ariana. 2021. "The Social Life of Kava: The Circulation, Transformation, and Extraction of *Piper Methysticum*." Edited by Christine Schuetze. Swarthmore College.
- Yiannis, Callisthenis, Kevin Huang, An Nhien Tran, Cathy Zeng, Emily Dao, Oliver Baselyous, Muaaz Adil Mithwani, et al. 2020. "Protective Effect of Kava Constituents in an in Vitro Model of Oral Mucositis." *Journal of Cancer Research and Clinical Oncology* 146 (7): 1801–11. <https://doi.org/10.1007/s00432-020-03253-3>.
- Yoshino, Akie, and W. Nowack. 1972. "The Molecular and Crystal Structure of D,L-4-Methoxy-6-Styryl-5,6-Dihydro- α -Pyrone (kavain)*." *Zeitschrift Für Kristallographie* 136 (1-2): 66–80. <https://doi.org/10.1524/zkri.1972.136.1-2.66>.
- Young, Michael W. 1995. "Kava and Christianity in Central Vanuatu: With an Appendix on the Ethnography of Kava Drinking in Nikaura, Epi." *Canberra Anthropology* 18 (1-2): 61–96. <https://www.tandfonline.com/doi/pdf/10.1080/03149099509508409>.
- Young, Richard L., John W. Hylin, Donald L. Plucknett, Y. Kawano, and Roy T. Nakayama. 1966. "Analysis for Kava Pyrones in Extracts of *Piper Methysticum*." *Phytochemistry* 5 (4): 795–98. [https://doi.org/10.1016/S0031-9422\(00\)83662-6](https://doi.org/10.1016/S0031-9422(00)83662-6).
- Yu, Jianzhong, Fang Yuan, Jun Shi, Liyuan Zhuang, Hui Zeng, Lin Ge, Chuantao Fang, Xinyu Mei, Hao Li, and Xiongwei Wang. 2022. "Kavain Ablates the Radio-Resistance of Glioblastoma Multiforma by Targeting LITAF/NF- κ B Pathway." *ResearchSquare*, June. <https://doi.org/10.21203/rs.3.rs-1715223/v1>.
- Yuan, Chun-Su, Lucy Dey, Anbao Wang, Sangeeta Mehendale, Jing-Tian Xie, Han H. Aung, and Michael K. Ang-Lee. 2002. "Kavalactones and Dihydrokavain Modulate GABAergic Activity in a Rat Gastric-Brainstem Preparation." *Planta Medica* 68 (12): 1092–96. <https://doi.org/10.1055/s-2002-36338>.
- Yuan, Huaiping, Rohit Gupte, Sami Zelkha, and Salomon Amar. 2011. "Receptor Activator of Nuclear Factor Kappa B Ligand Antagonists Inhibit Tissue Inflammation and Bone Loss in Experimental Periodontitis." *Journal of Clinical Periodontology* 38 (11): 1029–36. <https://doi.org/10.1111/j.1600-051X.2011.01780.x>.
- Yuncker, Truman George. 1940. "Kava, Its Preparation and Use." In *Proceedings of the Indiana Academy of Science*, 50:69–71. journals.iupui.edu. <https://journals.iupui.edu/index.php/ias/article/download/4715/4623>.
- Zenger, Katharina, Sara Agnolet, Bernd Schneider, and Birgit Kraus. 2015. "Biotransformation of Flavokawains A, B, and C, Chalcones from Kava (*Piper Methysticum*), by Human Liver Microsomes." *Journal of Agricultural and Food Chemistry* 63 (28): 6376–85. <https://doi.org/10.1021/acs.jafc.5b01858>.
- Zhang, Lillian Yuan, Anthony Rowe, and Iqbal Ramzan. 2011. "Does Inflammation Play a Role in Kava Hepatotoxicity?" *Phytotherapy Research: PTR* 25 (4): 629–30. <https://doi.org/10.1002/ptr.3301>.

Zhang, Nenling, Linjing Wu, Xiang Liu, and Xiangchun Shen. 2018. "Plant-Derived Kavalactones and Their Bioactivities." *Le Medecin de Reserve* 2 (1): 20170019–20170013. <https://doi.org/10.21127/yaoyimr20170019>.

Zhang, Qiuying, Hui Liu, Dongmei Wu, Hongyan Yu, Kun Wang, Weijie Jiao, and Xu Zhao. 2022. "Methysticin Acts as a Mechanism-Based Inactivator of Cytochrome P450 2C9." *Chemical Research in Toxicology*, May. <https://doi.org/10.1021/acs.chemrestox.2c00098>.

Zhang, Yidan, Yoav S. Zvi, Brian Batko, Nikolas Zaphiro, Edmond F. O'Donnell, Jichuan Wang, Kenji Sato, et al. 2018. "Down-Regulation of Skp2 Expression Inhibits Invasion and Lung Metastasis in Osteosarcoma." *Scientific Reports* 8 (1): 14294. <https://doi.org/10.1038/s41598-018-32428-9>.

Zhao, Xiaojun, Chao Su, Ruru Ren, Bo Zhang, Yingli Wang, Xiaojuan Su, Fangfang Lu, et al. 2021. "Simultaneous Determination of Both Kavalactones and Flavokawains Constituents by Different Single Marker in Kava." *Journal of Separation Science*, May. <https://doi.org/10.1002/jssc.202100198>.

Zhou, Ping, Shimon Gross, Ji-Hua Liu, Bo-Yang Yu, Ling-Ling Feng, Jan Nolta, Vijay Sharma, David Piwnica-Worms, and Samuel X. Qiu. 2010. "Flavokawain B, the Hepatotoxic Constituent from Kava Root, Induces GSH-Sensitive Oxidative Stress through Modulation of IKK/NF-kappaB and MAPK Signaling Pathways." *FASEB Journal: Official Publication of the Federation of American Societies for Experimental Biology* 24 (12): 4722–32. <https://doi.org/10.1096/fj.10-163311>.

Zi, X., and A. R. Simoneau. 2005. "Flavokawain A, a Novel Chalcone from Kava Extract, Induces Apoptosis in Bladder Cancer Cells by Involvement of Bax Protein-Dependent and Mitochondria-Dependent" *Cancer Research*. <https://cancerres.aacrjournals.org/content/65/8/3479.short>.

Zi, Xiaolin, and Anne R. Simoneau. 2005. "Flavokawain A, a Novel Chalcone from Kava Extract, Induces Apoptosis in Bladder Cancer Cells by Involvement of Bax Protein-Dependent and Mitochondria-Dependent Apoptotic Pathway and Suppresses Tumor Growth in Mice." *Cancer Research* 65 (8): 3479–86. <https://doi.org/10.1158/0008-5472.CAN-04-3803>.

Zou, L. 2004. "Effects of Kava (Kava-Kava, 'Awa, Yaqona, Piper Methysticum) on c-DNA-Expressed Cytochrome P450 Enzymes on Human Cryopreserved Hepatocytes." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 11: 285–94.

link.gale.com/apps/doc/A119059584/HRCA?u=tel_oweb&sid=googleScholar&xid=1b30a241.

Zou, L., M. R. Harkey, and G. L. Henderson. 2002. "Effects of Herbal Components on cDNA-Expressed Cytochrome P450 Enzyme Catalytic Activity." *Life Sciences* 71 (13): 1579–89. [https://doi.org/10.1016/s0024-3205\(02\)01913-6](https://doi.org/10.1016/s0024-3205(02)01913-6).

Zou, L., G. L. Henderson, M. R. Harkey, Y. Sakai, and A. Li. 2004. "Effects of Kava (Kava-Kava, 'Awa, Yaqona, Piper Methysticum) on c-DNA-Expressed Cytochrome P450 Enzymes and Human Cryopreserved Hepatocytes." *Phytomedicine: International Journal of Phytotherapy and Phytopharmacology* 11 (4): 285–94. <https://doi.org/10.1078/0944711041495263>.

Zou, Lihong, Martha R. Harkey, and Gary L. Henderson. 2005. "Synthesis, in Vitro, Reactivity, and Identification of 6-Phenyl-3-Hexen-2-One in Human Urine after Kava-Kava (Piper Methysticum) Ingestion." *Planta Medica* 71 (2): 142–46. <https://doi.org/10.1055/s-2005-837781>.

Zou, Lihong, Martha R. Harkey, Gary L. Henderson, and Laura E. Dike. 2004. "Kava Does Not Display Metabolic Toxicity in a Homogeneous Cellular Assay." *Planta Medica* 70 (4): 289–92. <https://doi.org/10.1055/s-2004-818937>.