

## 5. DAFTAR PUSTAKA

- Aghababaei, F., & Hadidi, M. (2023). Recent Advances in Potential Health Benefits of Quercetin. *Pharmaceuticals*, *16*(7), 1–31. <https://doi.org/10.3390/ph16071020>
- Anachuna, K. K., Moke, G. E., Iyare, C., Katchy, N., Ben-Azu, B., Adeniyi, B., Nwogueze, B. C., & Iyare, E. (2020). Prenatal and early postnatal food restrictions cause changes in brain oxidative status and orexigenic/anorexigenic hormones in the offspring of rats: prevention by quercetin and kaempferol. *Current Research in Pharmacology and Drug Discovery*, *1*(May), 39–52. <https://doi.org/10.1016/j.crphar.2020.100005>
- Anand David, A. V., Arulmoli, R., & Parasuraman, S. (2016). Overviews of biological importance of quercetin: A bioactive flavonoid. *Pharmacognosy Reviews*, *10*(20), 84–89. <https://doi.org/10.4103/0973-7847.194044>
- Bastianetto, S., Ménard, C., & Quirion, R. (2015). Neuroprotective action of resveratrol. *Biochimica et Biophysica Acta - Molecular Basis of Disease*, *1852*(6), 1195–1201. <https://doi.org/10.1016/j.bbadis.2014.09.011>
- Biagi, M., & Bertelli, A. A. E. (2015). Wine, alcohol and pills: What future for the French paradox? *Life Sciences*, *131*, 19–22. <https://doi.org/10.1016/j.lfs.2015.02.024>
- Burin, V. M., Ferreira-Lima, N. E., Panceri, C. P., & Bordignon-Luiz, M. T. (2014). Bioactive Compounds and Antioxidant Activity of *Vitis vinifera* and *Vitis labrusca* grapes: Evaluation of Different Extraction Methods. *Microchemical Journal*, *114*, 155–163. <https://doi.org/10.1016/j.microc.2013.12.014>
- Capurso, C., Bellanti, F., Lo Buglio, A., & Vendemiale, G. (2023). Cardioprotective Effects of Resveratrol in the Mediterranean Diet: A Short Narrative Review. *Dietetics*, *2*(2), 174–190. <https://doi.org/10.3390/dietetics2020014>
- Cataldo, E., Eichmeier, A., & Mattii, G. B. (2023). Effects of Global Warming on Grapevine Berries Phenolic Compounds—A Review. *Agronomy*, *13*(9), 2192. <https://doi.org/10.3390/agronomy13092192>
- Chen, S., Tang, Y., Gao, Y., Nie, K., Wang, H., Su, H., Wang, Z., Lu, F., Huang, W., & Dong, H. (2022). Antidepressant Potential of Quercetin and its Glycoside Derivatives: A Comprehensive Review and Update. *Frontiers in Pharmacology*, *13*(April). <https://doi.org/10.3389/fphar.2022.8653>

- Chiva-blanch, G., & Badimon, L. (2020). Benefits and risks of moderate alcohol consumption on cardiovascular disease: Current findings and controversies. *Nutrients*, *12*(1). <https://doi.org/10.3390/nu12010108>
- Cosme, F., Pinto, T., & Vilela, A. (2018). Phenolic Compounds and Antioxidant Activity in Grape Juices: A Chemical and Sensory View. *Beverages*, *4*(1), 22. <https://doi.org/10.3390/beverages4010022>
- Cosmina-Gabriela Duta-Bratu, George Mihai Nitulescu, Dragos Paul Mihai, and O. O. (2023). *Resveratrol and Other Natural Oligomeric Stilbenoid Compounds and Their Therapeutic Applications*.
- Costa, P. C. T. da, de Souza, E. L., Lacerda, D. C., Cruz Neto, J. P. R., Sales, L. C. S. de, Silva Luis, C. C., Pontes, P. B., Cavalcanti Neto, M. P., & de Brito Alves, J. L. (2022). Evidence for Quercetin as a Dietary Supplement for the Treatment of Cardio-Metabolic Diseases in Pregnancy: A Review in Rodent Models. *Foods*, *11*(18). <https://doi.org/10.3390/foods11182772>
- Dowlati, Y., Ravindran, A. V., Segal, Z. V., Stewart, D. E., Steiner, M., & Meyer, J. H. (2017). Selective Dietary Supplementation in Early Postpartum is Associated with High Resilience Against Depressed Mood. *Proceedings of the National Academy of Sciences of the United States of America*, *114*(13), 3509–3514. <https://doi.org/10.1073/pnas.1611965114>
- Fang, J. G., Lu, M., Chen, Z. H., Zhu, H. H., Li, Y., Yang, L., Wu, L. M., & Liu, Z. L. (2002). Antioxidant effects of resveratrol and its analogues against the free-radical-induced peroxidation of linoleic acid in micelles. *Chemistry - A European Journal*, *8*(18), 4191–4198. [https://doi.org/10.1002/1521-3765\(20020916\)8:18<4191::AID-CHEM4191>3.0.CO;2-S](https://doi.org/10.1002/1521-3765(20020916)8:18<4191::AID-CHEM4191>3.0.CO;2-S)
- Fernandes, I., Pérez-Gregorio, R., Soares, S., Mateus, N., De Freitas, V., Santos-Buelga, C., & Feliciano, A. S. (2017). Wine Flavonoids in Health and Disease Prevention. *Molecules*, *22*(2). <https://doi.org/10.3390/molecules22020292>
- Ferrer-Gallego, R., & Silva, P. (2022). The Wine Industry By-Products: Applications for Food Industry and Health Benefits. *Antioxidants*, *11*(10). <https://doi.org/10.3390/antiox11102025>
- Ge, Q., & Ma, X. (2013). Composition and antioxidant activity of anthocyanins isolated from Yunnan edible rose (An ning). *Food Science and Human Wellness*, *2*(2), 68–74. <https://doi.org/10.1016/j.fshw.2013.04.001>
- Gonçalves, A. C., Nunes, A. R., Falcão, A., Alves, G., & Silva, L. R. (2021). Dietary effects of anthocyanins in human health: A comprehensive review. *Pharmaceuticals*, *14*(7), 1–34. <https://doi.org/10.3390/ph14070690>

- Gonthier, B., Signorini-Allibe, N., Soubeyran, A., Eysseric, H., Lamarche, F., & Barret, L. (2004). Ethanol Can Modify the Effects of Certain Free Radical-Generating Systems on Astrocytes. *Alcoholism: Clinical and Experimental Research*, 28(4), 526–534. <https://doi.org/10.1097/01.ALC.0000122271.32522.A7>
- Guerrini, I., Quadri, G., & Thomson, A. D. (2014). Genetic and Environmental Interplay in Risky Drinking in Adolescents: A Literature Review. *Alcohol and Alcoholism*, 49(2), 138–142. <https://doi.org/10.1093/alcalc/agu003>
- Guilford, J. M., & Pezzuto, J. M. (2011). Wine and Health: A review. *American Journal of Enology and Viticulture*, 62(4), 471–486. <https://doi.org/10.5344/ajev.2011.11013>
- Gutiérrez-Escobar, R., Aliaño-González, M. J., & Cantos-Villar, E. (2021). Wine polyphenol content and its influence on wine quality and properties: A review. *Molecules*, 26(3). <https://doi.org/10.3390/molecules26030718>
- Hassellund, S. S., Flaa, A., Sandvik, L., Kjeldsen, S. E., & Rostrup, M. (2012). Effects of anthocyanins on blood pressure and stress reactivity: A double-blind randomized placebo-controlled crossover study. *Journal of Human Hypertension*, 26(6), 396–404. <https://doi.org/10.1038/jhh.2011.41>
- Jones, A. W. (2019). Alcohol, Its Absorption, Distribution, Metabolism, and Excretion in The Body and Pharmacokinetic Calculations. *WIREs Forensic Science*, 1(5), 1–26. <https://doi.org/10.1002/wfs2.1340>
- Joubert, B., Socc, B. S. W., Cloete, M., De, M. M., Barnard, R., Socc, B., Botha, I., Roux, S., Diac, M., Gossage, J. P., Ph, D., Kalberg, W. O., & Buckley, D. (2017). *Prevalence and Effects on Child Outcomes and*. 13–21. <https://doi.org/10.1016/j.reprotox.2016.05.002.BREASTFEEDING>
- Khoo, H. E., Azlan, A., Tang, S. T., & Lim, S. M. (2017). Anthocyanidins and anthocyanins: Colored pigments as food, pharmaceutical ingredients, and the potential health benefits. *Food and Nutrition Research*, 61(1). <https://doi.org/10.1080/16546628.2017.1361779>
- Kook, D., Wolf, A. H., Yu, A. L., Neubauer, A. S., Priglinger, S. G., Kampik, A., & Welge-Lüssen, U. C. (2008). The Protective Effect of Quercetin Against Oxidative Stress in The Human RPE In Vitro. *Investigative Ophthalmology and Visual Science*, 49(4), 1712–1720. <https://doi.org/10.1167/iovs.07-0477>
- Li, Z., & Ahammed, G. J. (2023). Plant stress response and adaptation via anthocyanins: a review. *Plant Stress*, 10(September), 100230. <https://doi.org/10.1016/j.stress.2023.100230>

- Lippi, G., Franchini, M., Favaloro, E. J., & Targher, G. (2010). Moderate red wine consumption and cardiovascular disease risk: Beyond the French Paradox. *Seminars in Thrombosis and Hemostasis*, 36(1), 59–70. <https://doi.org/10.1055/s-0030-1248725>
- Liu, T. Y., Yu, H. R., Tsai, C. C., Huang, L. T., Chen, C. C., Sheen, J. M., Tiao, M. M., Tain, Y. L., Lin, I. C., Lai, Y. J., Lin, Y. J., & Hsu, T. Y. (2020). Resveratrol intake during pregnancy and lactation re-programs adiposity and ameliorates leptin resistance in male progeny induced by maternal high-fat/high sucrose plus postnatal high-fat/high sucrose diets via fat metabolism regulation. *Lipids in Health and Disease*, 19(1), 1–13. <https://doi.org/10.1186/s12944-020-01349-w>
- MacNell, K. (2013). The Wine Bible. *Journal of Chemical Information and Modeling*, 53(9), 1689–1699.
- Markoski, M. M., Garavaglia, J., Oliveira, A., Olivares, J., & Marcadenti, A. (2016). Molecular Properties of Red Wine Compounds and Cardiometabolic Benefits. *Nutrition and Metabolic Insights*, 9, 51–57. <https://doi.org/10.4137/NMI.S32909>
- Mattioli, R., Francioso, A., Mosca, L., & Silva, P. (2020). Anthocyanins: A Comprehensive Review of Their Chemical Properties and Health Effects on Cardiovascular and Neurodegenerative Diseases. *Molecules*, 25(17). <https://doi.org/10.3390/molecules25173809>
- McGee, H. (2006). Food and Cooking. In *Food and Cooking*. <https://doi.org/10.4324/9780203825143>
- Meng, X., Zhou, J., Zhao, C. N., Gan, R. Y., & Li, H. Bin. (2020). Health benefits and molecular mechanisms of resveratrol: A narrative review. *Foods*, 9(3), 1–27. <https://doi.org/10.3390/foods9030340>
- Nemzer, B., Kalita, D., Yashin, A. Y., & Yashin, Y. I. (2022). Chemical Composition and Polyphenolic Compounds of Red Wines: Their Antioxidant Activities and Effects on Human Health—A Review. *Beverages*, 8(1), 1–18. <https://doi.org/10.3390/beverages8010001>
- Nieradko-Iwanicka, B. (2022). The Role of Alcohol Consumption in Pathogenesis of Gout. *Critical Reviews in Food Science and Nutrition*, 62(25), 7129–7137. <https://doi.org/10.1080/10408398.2021.1911928>
- Olas, B. (1999). Free Radical Generation in Platelets.Pdf. In *Acta Biochimica Polonica* (Vol. 46, Issue 4, pp. 961–966).

- Page, M. J., McKenzie, J. E., Bossuyt, P. M., Boutron, I., Hoffmann, T. C., Mulrow, C. D., Shamseer, L., Tetzlaff, J. M., Akl, E. A., Brennan, S. E., Chou, R., Glanville, J., Grimshaw, J. M., Hróbjartsson, A., Lalu, M. M., Li, T., Loder, E. W., Mayo-Wilson, E., McDonald, S., ... Moher, D. (2021). The PRISMA 2020 statement: An updated guideline for reporting systematic reviews. *The BMJ*, 372. <https://doi.org/10.1136/bmj.n71>
- Panchal, S. K., & Brown, L. (2023). Potential Benefits of Anthocyanins in Chronic Disorders of the Central Nervous System. *Molecules*, 28(1), 1–14. <https://doi.org/10.3390/molecules28010080>
- Pandey, K. B., & Rizvi, S. I. (2011). Anti-oxidative action of resveratrol: Implications for human health. *Arabian Journal of Chemistry*, 4(3), 293–298. <https://doi.org/10.1016/j.arabjc.2010.06.049>
- Papadopoulou, S. K., Pavlidou, E., Dakanalis, A., Antasouras, G., Vorvolakos, T., Mentzelou, M., Serdari, A., Pandi, A. L., Spanoudaki, M., Alexatou, O., Aggelakou, E. P., & Giaginis, C. (2023). Postpartum Depression Is Associated with Maternal Sociodemographic and Anthropometric Characteristics, Perinatal Outcomes, Breastfeeding Practices, and Mediterranean Diet Adherence. *Nutrients*, 15(17). <https://doi.org/10.3390/nu15173853>
- Pavlidou, E., Mantzorou, M., Fasoulas, A., Tryfonos, C., Petridis, D., & Giaginis, C. (2018). Wine: An Aspiring Agent in Promoting Longevity and Preventing Chronic Diseases. *Diseases*, 6(3), 73. <https://doi.org/10.3390/diseases6030073>
- Qi, W., Qi, W., Xiong, D., & Long, M. (2022). Quercetin: Its Antioxidant Mechanism, Antibacterial Properties. *Molecules*, 27(6545), 1–16.
- Rahman, M. M., Ichianagi, T., Komiyama, T., Sato, S., & Konishi, T. (2008). Effects of Anthocyanins on Psychological Stress-induced Oxidative Stress and Neurotransmitter Status. *Journal of Agricultural and Food Chemistry*, 56(16), 7545–7550. <https://doi.org/10.1021/jf800930s>
- Ramli, I., Posadino, A. M., Giordo, R., Fenu, G., Fardoun, M., Iratni, R., Eid, A. H., Zayed, H., & Pintus, G. (2023). Effect of Resveratrol on Pregnancy, Prenatal Complications and Pregnancy-Associated Structure Alterations. *Antioxidants*, 12(2). <https://doi.org/10.3390/antiox12020341>
- Ríos, J., Valero-Jara, V., & Thomas-Valdés, S. (2022). Phytochemicals in Breast Milk and Their Benefits for Infants. *Critical Reviews in Food Science and Nutrition*, 62(25), 6821–6836. <https://doi.org/10.1080/10408398.2021.1906627>

- Ros, P., Diaz, F., Freire-Regatillo, A., Argente-Arizón, P., Barrios, V., Argente, J., & Chowen, J. A. (2018). Resveratrol intake during pregnancy and lactation modulates the early metabolic effects of maternal nutrition differently in male and female offspring. *Endocrinology*, *159*(2), 810–825. <https://doi.org/10.1210/en.2017-00610>
- Salehi, B., Mishra, A. P., Nigam, M., Sener, B., Kilic, M., Sharifi-Rad, M., Fokou, P. V. T., Martins, N., & Sharifi-Rad, J. (2018). Resveratrol: A double-edged sword in health benefits. *Biomedicines*, *6*(3), 1–20. <https://doi.org/10.3390/biomedicines6030091>
- Santos-Buelga, C., González-Manzano, S., & González-Paramás, A. M. (2021). Wine, polyphenols, and mediterranean diets. What else is there to say? *Molecules*, *26*(18). <https://doi.org/10.3390/molecules26185537>
- Sayette, M. A. (1999). Does Drinking Reduce Stress? *Alcohol Research and Health*, *23*(4), 250–255.
- Shaito, A., Posadino, A. M., Younes, N., Hasan, H., Halabi, S., Alhababi, D., Al-Mohannadi, A., Abdel-Rahman, W. M., Eid, A. H., Nasrallah, G. K., & Pintus, G. (2020). Potential adverse effects of resveratrol: A literature review. *International Journal of Molecular Sciences*, *21*(6). <https://doi.org/10.3390/ijms21062084>
- Shayganfard, M. (2020). Molecular and biological functions of resveratrol in psychiatric disorders: a review of recent evidence. *Cell and Bioscience*, *10*(1), 1–14. <https://doi.org/10.1186/s13578-020-00491-3>
- Silvestro, S., Bramanti, P., & Mazzon, E. (2021). Role of quercetin in depressive-like behaviors: Findings from animal models. *Applied Sciences (Switzerland)*, *11*(15). <https://doi.org/10.3390/app11157116>
- Speer, H., D’Cunha, N. M., Alexopoulos, N. I., McKune, A. J., & Naumovski, N. (2020). Anthocyanins and Human Health—A Focus on Oxidative Stress, Inflammation and Disease. *Antioxidants*, *9*(5), 1–13. <https://doi.org/10.3390/antiox9050366>
- Sperkowska, B., Murawska, J., Przybylska, A., Gackowski, M., Kruszewski, S., Durmowicz, M., & Rutkowska, D. (2021). Cardiovascular Effects of Chocolate and Wine —Narrative Review. *Nutrients*, *13*(12), 1–29. <https://doi.org/10.3390/nu13124269>
- Tena, N., Martín, J., & Asuero, A. G. (2020). State of the art of anthocyanins: Antioxidant activity, sources, bioavailability, and therapeutic effect in human health. *Antioxidants*, *9*(5). <https://doi.org/10.3390/antiox9050451>

- Tsermpini, E. E., Plemenitaš Ilješ, A., & Dolžan, V. (2022). Alcohol-Induced Oxidative Stress and the Role of Antioxidants in Alcohol Use Disorder: A Systematic Review. *Antioxidants*, 11(7), 1–33. <https://doi.org/10.3390/antiox11071374>
- Tsopmo, A. (2018). Phytochemicals in Human Milk and Their Potential Antioxidative Protection. *Antioxidants*, 7(2). <https://doi.org/10.3390/antiox7020032>
- USDA. (2007). USDA Table of Nutrient Retention Factors, Release 6. *National Academy Press*, 18. [www.nal.usda.gov/fnic/foodcomp/Data/retn6/retn06.pdf](http://www.nal.usda.gov/fnic/foodcomp/Data/retn6/retn06.pdf)
- Vanhees, K., Godschalk, R. W., Sanders, A., Van Waalwijk van Doorn-Khosrovani, S. B., & Van Schooten, F. J. (2011). Maternal quercetin intake during pregnancy results in an adapted iron homeostasis at adulthood. *Toxicology*, 290(2–3), 350–358. <https://doi.org/10.1016/j.tox.2011.10.017>
- Vanhees, K., Van Schooten, F. J., Moonen, E. J., Maas, L. M., Van Waalwijk Van Doorn-Khosrovani, S. B., & Godschalk, R. W. L. (2012). Maternal intake of quercetin during gestation alters ex vivo benzo[a]pyrene metabolism and DNA adduct formation in adult offspring. *Mutagenesis*, 27(4), 445–451. <https://doi.org/10.1093/mutage/ges002>
- Wijekoon, C., Netticadan, T., Siow, Y. L., Sabra, A., Yu, L., Raj, P., & Prashar, S. (2022). Potential Associations among Bioactive Molecules, Antioxidant Activity and Resveratrol Production in *Vitis vinifera* Fruits of North America. *Molecules*, 27(2). <https://doi.org/10.3390/molecules27020336>
- Wu, D., & Cederbaum, A. I. (2003). Alcohol, Oxidative Stress, and Free Radical Damage. *Alcohol Research and Health*, 27(4), 277–284. <https://doi.org/10.1079/pns2006496>
- Xia, E. Q., Deng, G. F., Guo, Y. J., & Li, H. Bin. (2010). Biological activities of polyphenols from grapes. *International Journal of Molecular Sciences*, 11(2), 622–646. <https://doi.org/10.3390/ijms11020622>
- Xu, D., Hu, M. J., Wang, Y. Q., & Cui, Y. L. (2019). Antioxidant activities of quercetin and its complexes for medicinal application. *Molecules*, 24(6). <https://doi.org/10.3390/molecules24061123>
- Zhao, J., Ye, L., Liu, Z., Cui, Y., Deng, D., Bai, S., Yang, L., Shi, Y., Liu, Z., & Zhang, R. (2022). Protective Effects of Resveratrol on Adolescent Social Isolation-Induced Anxiety-Like Behaviors via Modulating Nucleus Accumbens Spine Plasticity and Mitochondrial Function in Female Rats. *Nutrients*, 14(21). <https://doi.org/10.3390/nu14214542>

Zheng, S., Feng, Q., Cheng, J., & Zheng, J. (2018). Maternal resveratrol consumption and its programming effects on metabolic health in offspring mechanisms and potential implications. *Bioscience Reports*, *38*(2), 2–10. <https://doi.org/10.1042/BSR20171741>

Zhou, D. D., Li, J., Xiong, R. G., Saimaiti, A., Huang, S. Y., Wu, S. X., Yang, Z. J., Shang, A., Zhao, C. N., Gan, R. Y., & Li, H. Bin. (2022). Bioactive Compounds, Health Benefits and Food Applications of Grape. *Foods*, *11*(18). <https://doi.org/10.3390/foods11182755>

