

7. DAFTAR PUSTAKA

- Agustine, R. (2021). Kandungan kafein pada berbagai jenis kopi. *Unnes Journal of Public Health*, 10(2), 123–130. <https://journal.unnes.ac.id/sju/index.php/ujph/article/view/48245>
- Ahmed, S., Brinkley, S., Smith, E., Sela, A., Theisen, M., Thibodeau, C., Warne, T., Anderson, E., Van Dusen, N., Giuliano, P., Ionescu, K. E., & Cash, S. B. (2021). Climate change and coffee quality: Systematic review on the effects of environmental and management variation on secondary metabolites and sensory attributes of *Coffea arabica* and *Coffea canephora*. *Frontiers in Plant Science*, 12, 708013. <https://doi.org/10.3389/fpls.2021.708013>
- Ali, A. H. (2022). High-Performance Liquid Chromatography (HPLC): A review. *Annals of Advances in Chemistry*, 6(1), 10–20. <https://doi.org/10.29328/journal.aac.1001026>
- Amelia, J. R., Safitri, F. H., Giyatmi, G., & Azni, I. N. (2024). Comparative study of antioxidant and antibacterial activities of tropical citrus fruits (juice and peels). *Jurnal Teknik Pertanian Lampung (Journal of Agricultural Engineering)*, 13(1), 242–249. <https://doi.org/10.23960/jtep-l.v13i1.242-249>
- Arpi, N., Rasdiansyah, R., Widayat, H. P., & Foenna, R. F. (2020). Pemanfaatan limbah kulit buah kopi arabika (*Coffea arabica* L.) menjadi minuman sari pulp kopi dengan penambahan sari jeruk nipis dan lemon. *Jurnal Teknologi dan Industri Pertanian Indonesia*, 12(2), 45–52. <https://doi.org/10.17969/jtipi.v10i2.12593>
- Bawornruttanaboonya, K., Chindapan, N., & Devahastin, S. (2025). Numerical investigation of conventional and ultrasound-assisted aqueous extraction of caffeine from whole green Robusta coffee beans: Extraction enhancement via changing of extraction water. *Foods*, 14(11), 1956. <https://doi.org/10.3390/foods14111956>
- Cao, Q., et al. (2023). Effects of postharvest processing on aroma formation in roasted coffee – a review. *International Journal of Food Science & Technology*, 58(3), 1007–1018. <https://doi.org/10.1111/ijfs.16261>
- Cwиковá, O., Komprda, T., Šottníková, V., Svoboda, Z., Simonová, J., Slováček, J., & Jůzl, M. (2022). Effects of different processing methods of *Coffea arabica* on colour, acrylamide, caffeine, chlorogenic acid, and polyphenol content. *Foods*, 11(20), 3295. <https://doi.org/10.3390/foods11203295>
- Fiani, B., Zhu, L., Musch, B. L., Briceno, S., Andel, R., Sadeq, N., & Ansari, A. Z. (2021). The neurophysiology of caffeine as a central nervous system stimulant and the resultant effects on cognitive function. *Cureus*, 13(5), e15032. <https://doi.org/10.7759/cureus.15032>

- Gallardo-Ignacio, J., Santibáñez, A., Oropeza-Mariano, O., Salazar, R., Montiel-Ruiz, R. M., Cabrera-Hilerio, S., Gonzáles-Cortazar, M., Cruz-Sosa, F., & Nicasio-Torres, P. (2023). Chemical and biological characterization of green and processed coffee beans from *Coffea arabica* varieties. *Molecules*, 28(12), 4685. <https://doi.org/10.3390/molecules28124685>
- Gawlik-Dziki, U., Świeca, M., Dziki, D., & Baraniak, B. (2017). Levels of antioxidant activity and fluoride content in coffee infusions of arabica, robusta and green coffee beans according to brewing methods. *Biological Trace Element Research*, 179, 327–333. <https://doi.org/10.1007/s12011-017-0963-9>
- Hartoyo, B., Dewanti, J. I., Nurlaili, E. P., & Kartikawati, D. (2024). Citarasa kopi robusta dari berbagai ketinggian tempat penanaman. *Jurnal Agrifoodtech UNTAG Semarang*, 3(1), 40–48. <https://doi.org/10.56444/agrifoodtech.v3i1.1888>
- Huang, L., *et al.* (2021). Comparative transcriptome analysis revealed the influence of sucrose on flavor and taste quality of *Coffea arabica* and *C. canephora* varieties. *Beverage Plant Research*, 1, Article 11. <https://doi.org/10.48130/BPR-2021-0011>
- Iman, I., Nurhasanah, N., & Sampurno, J. (2018). Analisis fraktal untuk identifikasi kadar gula rambutan dengan metode *box-counting*. *Prisma Fisika*, 6(2), 57–60. <https://doi.org/10.26418/pf.v6i2.23912>
- Jeszka-Skowron, P. R., Zgoła-Grześkowiak, A., Grześkowiak, T., & Frankowski, M. (2019). Green coffee infusion as a source of caffeine and chlorogenic acid. *Journal of Food Composition and Analysis*, 84, 103307. <https://doi.org/10.1016/j.jfca.2019.103307>
- Joshi, M. K., *et al.* (2024). Evaluating citrus juice: A comparative study of physicochemical, nutraceutical, antioxidant, and antimicrobial properties of citrus juices from Nepal. *Heliyon*, 10(23), e40773. <https://doi.org/10.1016/j.heliyon.2024.e40773>
- Karki, N., Achhami, H., Pachhai, B. B., Bhattarai, S., Shahi, D. K., Bhatt, L. R., & Joshi, M. K. (2024). Evaluating citrus juice: A comparative study of physicochemical, nutraceutical, antioxidant, and antimicrobial properties of citrus juices from Nepal. *Heliyon*, 10(23), e40773. <https://doi.org/10.1016/j.heliyon.2024.e40773>
- Kusuma, I. W., *et al.* (2021). The analysis of chlorogenic acid and caffeine content and its correlation with coffee bean color under different roasting degree and sources of coffee (*Coffea arabica* Typica). *Processes*, 9(11), 2040. <https://doi.org/10.3390/pr9112040>
- Kuswardhani, N., Hana, D. M., & Wiyono, A. E. (2025). Characterization of ready-to-drink decaffeinated coffee enriched with lime and lemon. *Agroindustrial Journal*, 12(1), 54–65. <https://doi.org/10.22146/aij.v12i1.100954>
- Moreira, A. S., Nunes, F. M., Simões, C., Maciel, E., Domingues, P., Domingues, M. R. M., & Coimbra, M. A. (2017). Data on coffee composition and mass

- spectrometry analysis of mixtures of coffee related carbohydrates, phenolic compounds and peptides. *Data in Brief*, 13, 145–161. [10.1016/j.dib.2017.05.027](https://doi.org/10.1016/j.dib.2017.05.027)
- Muzykiewicz-Szymańska, A., Nowak, A., Klimowicz, A., *et al.* (2021). The effect of brewing process parameters on antioxidant activity and caffeine content in infusions of roasted and unroasted *Arabica* coffee beans originated from different countries. *Molecules*, 26(12), 3681. <https://doi.org/10.3390/molecules26123681>
- Olechno, E., Puś, P., Złotek, U., & Dziwulska-Hunek, A. (2021). The effect of brewing process parameters on antioxidant activity and caffeine content in infusions of roasted and unroasted *Arabica* coffee beans originated from different countries. *Molecules*, 26(12), 3685. <https://doi.org/10.3390/molecules26123685>
- Sharma, R., Verma, S., Rana, S., & Rana, A. (2018). Rapid screening and quantification of major organic acids in citrus fruits and their bioactivity studies. *Journal of Food Science and Technology*, 55(4), 1339–1349. <https://doi.org/10.1007/s13197-018-3045-x>
- Suherman, S., Widuri, H., Patricia, S., Susanto, E. E., & Sutrisna, R. J. (2020). Energy analysis of a hybrid solar dryer for drying coffee beans. *International Journal of Renewable Energy Development*, 9(1), 131–139. <https://doi.org/10.14710/ijred.9.1.131-139>
- Talitha, Z. A., Marvie, I., & Fatih, A. Z. (2025). Pengaruh jenis kopi dan metode penyedukan terhadap karakteristik pH dan warna serta organoleptik kopi. *Jurnal Sains dan Teknologi Pangan*, 10(5). <https://doi.org/10.63071/y33t5p90>
- Tsai, C.-F., & Jioe, I. P. J. (2021). The analysis of chlorogenic acid and caffeine content and its correlation with coffee bean color under different roasting degree and sources of coffee (*Coffea arabica* Typica). *Processes*, 9(11), 2040. <https://doi.org/10.3390/pr9112040>
- Tumbas, V. T., *et al.* (2018). Rapid screening and quantification of major organic acids in citrus fruits by liquid chromatography. *Journal of Food and Drug Analysis*, 26(1), S10–S17. [10.1007/s13197-018-3045-x](https://doi.org/10.1007/s13197-018-3045-x)
- Wang, X., *et al.* (2024). Microstructural modification and sorption capacity of green coffee beans. *Foods*, 13(21), 3398. <https://doi.org/10.3390/foods13213398>
- Widiyani, P., Sudarwanto, M. B., Latif, H., & Lukman, D. W. (2023). Analisis kadar nitrit pada sarang burung walet asal Pulau Sumatera menggunakan metode kromameter. *Acta Veterinaria Indonesiana*, 11(2), 148–155. <https://doi.org/10.29244/avi.11.2.148-155>
- Yeager, S. E., Batalia, M. E., Guinard, J.-X., & Ristenpart, W. D. (2021). Acids in coffee: A review of sensory measurements and meta-analysis of chemical composition. *Critical Reviews in Food Science and Nutrition*, 61(6), 1010–1036. <https://doi.org/10.1080/10408398.2021.1957767>

- Yu, Y., Chen, D., Li, W., *et al.* (2023). Quinone reactivity: Investigation of their contribution to nonenzymatic browning. *Food Frontiers*, 4(2), 945–954. <https://doi.org/10.1002/fft2.247>
- Zhang, S. J., De Bruyn, F., Pothakos, V., Contreras, G. F., Cai, Z., Moccand, C., Weckx, S., & De Vuyst, L. (2019). Influence of various processing parameters on the microbial community dynamics, metabolomic profiles, and cup quality during wet coffee processing. *Frontiers in Microbiology*, 10, 2621. <https://doi.org/10.3389/fmicb.2019.02621>

