

DAFTAR PUSTAKA

- Alavanja, M. C. R., Ross, M. K., & Bonner, M. R. (2013). Increased cancer burden among pesticide applicators and others due to pesticide exposure. *CA: A Cancer Journal for Clinicians*, 63(2), 120–142. <https://doi.org/10.3322/caac.21170>
- Amelia, F., -, S., & Suyani, H. (2015). Degradasi Senyawa Imidakloprid Secara Advanced Oxidation Processes Dengan Penambahan TiO₂-Anatase. *Jurnal Riset Kimia*, 8(2), 108. <https://doi.org/10.25077/jrk.v8i2.225>
- Barik, A. J., & Gogate, P. R. (2016). Degradation of 4-chloro 2-aminophenol using combined strategies based on ultrasound, photolysis and ozone. *Ultrasonics Sonochemistry*, 28, 90–99. <https://doi.org/10.1016/j.ultsonch.2015.07.001>
- Bedassa, T. (2019). The quechers analytical method combined with low density solvent based dispersive liquid–liquid microextraction for quantitative extraction of multiclass pesticide residues in cereals. *Journal of Chemical Information and Modeling*, 53(9), 1689–1699. <https://doi.org/10.1017/CBO9781107415324.004>
- Bentum, J. K., Essumang, D. K., & Dodoo, D. K. (2006). Lindane and propuxur residues in the top soils of some cocoa growing areas in five districts of the Central Region of Ghana. *Bulletin of the Chemical Society of Ethiopia*, 20(2), 193–199. <https://doi.org/10.4314/bcse.v20i2.21161>
- Beyer, A., & Biziuk, M. (2008). Applications of sample preparation techniques in the analysis of pesticides and PCBs in food. *Food Chemistry*, 108(2), 669–680. <https://doi.org/10.1016/j.foodchem.2007.11.024>
- Bhowmik, D., Kumar, K. P. S., Paswan, S., & Srivastava, S. (2012). Tomato-A Natural Medicine and Its Health Benefits. *Phytojournal*, 1(1), 33–43.
- Bourgin, M., Albet, J., & Violleau, F. (2013). Study of the degradation of pesticides on loaded seeds by ozonation. *Journal of Environmental Chemical*

Engineering, 1(4), 1004–1012. <https://doi.org/10.1016/j.jece.2013.08.015>

Bourgin, M., Borowska, E., Helbing, J., Hollender, J., Kaiser, H. P., Kienle, C., McArdell, C. S., Simon, E., & von Gunten, U. (2017). Effect of operational and water quality parameters on conventional ozonation and the advanced oxidation process O₃/H₂O₂: Kinetics of micropollutant abatement, transformation product and bromate formation in a surface water. *Water Research*, 122, 234–245. <https://doi.org/10.1016/j.watres.2017.05.018>

Chakrabarty, S., Islam, A. K. M. M., & Islam, A. K. M. A. (2017). Nutritional Benefits and Pharmaceutical Potentialities of Chili. *Fundamental and Applied Agriculture*, 2(2), 272–232. <https://doi.org/10.5455/faa.citations>

Cresswell, J. E. (2011). A meta-analysis of experiments testing the effects of a neonicotinoid insecticide (imidacloprid) on honey bees. *Ecotoxicology*, 20(1), 149–157. <https://doi.org/10.1007/s10646-010-0566-0>

Dahimiwal, S. M., Thorat, D. B., Jain, N. P., Jadhav, V. B., & Patil, P. B. (2013). A review on high performance liquid chromatography. *International Journal of Pharmaceutical Research*, 5(3), 1–6. <https://doi.org/10.22214/ijraset.2018.2098>

Ferniah, R. S., Pujiyanto, S., & Kusumaningrum, H. P. (2018). Indonesian red chilli (*Capsicum annuum* L.) capsaicin and its correlation with their responses to pathogenic *Fusarium oxysporum*. *NICHE Journal of Tropical Biology*, 1(2), 7. <https://doi.org/10.14710/niche.1.2.7-12>

García-Morales, M. A., Roa-Morales, G., Barrera-Díaz, C., Miranda, V. M., Hernández, P. B., & Silva, T. B. P. (2013). Integrated advanced oxidation process (Ozonation) and electrocoagulation treatments for dye removal in denim effluents. *International Journal of Electrochemical Science*, 8(6), 8752–8763.

Gardoni, D., Vailati, A., & Canziani, R. (2012). Decay of Ozone in Water: A Review. *Ozone: Science and Engineering*, 34(4), 233–242. <https://doi.org/10.1080/01919512.2012.686354>

- Hao, J., Liu, H., Chen, T., Zhou, Y., Su, Y., & Li, L. (2011). Reduction of Pesticide Residues on Fresh Vegetables with Electrolyzed Water Treatment. *Journal of Food Science*, 76(4), 3–7. <https://doi.org/10.1111/j.1750-3841.2011.02154.x>
- Harmita. (2004). Neue Erfahrungen mit Quecksilberdiuretika. *Majalah Ilmu Kefarmasian*, 3(1), 117–135.
- Iizuka, T., Maeda, S., & Shimizu, A. (2013). Removal of pesticide residue in cherry tomato by hydrostatic pressure. *Journal of Food Engineering*, 116(4), 796 dan 800. <https://doi.org/10.1016/j.jfoodeng.2013.01.035>
- Ikeura, H., Kobayashi, F., & Tamaki, M. (2011). Removal of residual pesticides in vegetables using ozone microbubbles. *Journal of Hazardous Materials*, 186(1), 956–959. <https://doi.org/10.1016/j.jhazmat.2010.11.094>
- Jiao, W., Xiao, Y., Qian, X., Tong, M., Hu, Y., Hou, R., & Hua, R. (2016). Optimized combination of dilution and refined QuEChERS to overcome matrix effects of six types of tea for determination eight neonicotinoid insecticides by ultra performance liquid chromatography-electrospray tandem mass spectrometry. *Food Chemistry*, 210, 26–34. <https://doi.org/10.1016/j.foodchem.2016.04.097>
- Kaushik, G., Satya, S., & Naik, S. N. (2009). Food processing a tool to pesticide residue dissipation – A review. *Food Research International*, 42(1), 26–40. <https://doi.org/10.1016/j.foodres.2008.09.009>
- Kruve, A., Künnapas, A., Herodes, K., & Leito, I. (2008). Matrix effects in pesticide multi-residue analysis by liquid chromatography-mass spectrometry. *Journal of Chromatography A*, 1187(1–2), 58–66. <https://doi.org/10.1016/j.chroma.2008.01.077>
- Lozowicka, B., & Jankowska, M. (2016). *Removal of 16 pesticide residues from strawberries by washing with tap and ozone water , ultrasonic cleaning and boiling*. <https://doi.org/10.1007/s10661-015-4850-6>

- Luna-Guevara, M. L., Jimenez-Gonzalez, O., Luna-Guevara, J. J., Hernandez-Carranza, P., & Ochoa-Velasco, C. E. (2014). Quality Parameters and Bioactive Compounds of Red Tomatoes (*Solanum lycopersicum* L.) cv Roma VF at Different Postharvest Conditions. *Journal of Food Research*, 3(5), 8. <https://doi.org/10.5539/jfr.v3n5p8>
- Martín-Pedraza, L., González, M., Gómez, F., Blanca-López, N., Garrido-Arandia, M., Rodríguez, R., Torres, M. J., Blanca, M., Villalba, M., & Mayorga, C. (2016). Two nonspecific lipid transfer proteins (nsLTPs) from tomato seeds are associated to severe symptoms of tomato-allergic patients. *Molecular Nutrition and Food Research*, 60(5), 1172–1182. <https://doi.org/10.1002/mnfr.201500782>
- Mason, T. J. (2016). Ultrasonic cleaning: An historical perspective. *Ultrasonics Sonochemistry*, 29, 519–523. <https://doi.org/10.1016/j.ultsonch.2015.05.004>
- Mishra, et al. (2017). Effective water treatment. *Quarry Management*, 28(12), 25–27.
- Osteen, C. D., & Fernandez-Cornejo, J. (2013). Economic and policy issues of U.S. agricultural pesticide use trends. *Pest Management Science*, 69(9), 1001–1025. <https://doi.org/10.1002/ps.3529>
- Paro, R., Tiboni, G. M., Buccione, R., Rossi, G., Cellini, V., Canipari, R., & Cecconi, S. (2012). The fungicide mancozeb induces toxic effects on mammalian granulosa cells. *Toxicology and Applied Pharmacology*, 260(2), 155–161. <https://doi.org/10.1016/j.taap.2012.02.005>
- Philippidis, N., Sotiropoulos, S., Efstathiou, A., & Poullos, I. (2009). Photoelectrocatalytic degradation of the insecticide imidacloprid using TiO₂/Ti electrodes. *Journal of Photochemistry and Photobiology A: Chemistry*, 204(2–3), 129–136. <https://doi.org/10.1016/j.jphotochem.2009.03.007>
- Pinheiro, J., Alegria, C., Abreu, M., Sol, M., Gonçalves, E. M., & Silva, C. L. M. (2014). (*Solanum Lycopersicum*, CV. Zinac) at two maturity stages following

heat treatment, pp. 1-13, 2014. 1–13. <https://doi.org/10.1111/jfpp.12279>

- Qi, H., Huang, Q., & Hung, Y. (2017). Department of Food Science and Technology , University of Georgia , 1109 Experiment Street ,. *Food Chemistry*. <https://doi.org/10.1016/j.foodchem.2017.06.144>
- Runkle, J., Flocks, J., Economos, J., & Dunlop, A. L. (2017). A systematic review of Mancozeb as a reproductive and developmental hazard. *Environment International*, 99, 29–42. <https://doi.org/10.1016/j.envint.2016.11.006>
- Rusdita, A. Q. W. (2016). *No Title*. eprints.ums.ac.id
- Safni, Desmiati, & Suyani, H. (2015). Degradasi senyawa dikofol dalam pestisida kelthane 200 ec secara fotolisis dengan penambahan TiO₂-anatase. *Jurnal Riset Kimia*, 2(2), 195. <https://doi.org/10.25077/jrk.v2i2.154>
- Safni, S., Arfi, F., & Abdullah, Z. (2017). Degradasi senyawa paraquat dalam pestisida gramoxone secara sonolisis dengan penambahan ZnO. *Lantanida Journal*, 3(1), 71. <https://doi.org/10.22373/lj.v3i1.1442>
- Sathishkumar, P., Mangalaraja, R. V., & Anandan, S. (2016). Review on the recent improvements in sonochemical and combined sonochemical oxidation processes - A powerful tool for destruction of environmental contaminants. *Renewable and Sustainable Energy Reviews*, 55, 426–454. <https://doi.org/10.1016/j.rser.2015.10.139>
- Sharma, A., Kumar, V., Bhardwaj, R., & Thukral, A. K. (2017). Seed pre-soaking with 24-epibrassinolide reduces the imidacloprid pesticide residues in green pods of Brassica juncea L. *Toxicological and Environmental Chemistry*, 99(1), 95–103. <https://doi.org/10.1080/02772248.2016.1146955>
- Souza, L. P. de, Faroni, L. R. D. A., Heleno, F. F., Pinto, F. G., Queiroz, M. E. L. R. de, & Prates, L. H. F. (2018). Ozone treatment for pesticide removal from carrots: Optimization by response surface methodology. *Food Chemistry*, 243, 435–441. <https://doi.org/10.1016/j.foodchem.2017.09.134>
- Sugeng, A. J., Beamer, P. I., Lutz, E. A., & Rosales, C. B. (2013). Hazard-ranking

of agricultural pesticides for chronic health effects in Yuma County, Arizona. *Science of the Total Environment*, 463–464, 35–41. <https://doi.org/10.1016/j.scitotenv.2013.05.051>

Underwood A. L., & Day, ; R.A. (1980). *Quantitative Analysis* (4 th editi, pp. 393–395).

Wang, S., Wang, J., Wang, T., Li, C., & Wu, Z. (2019). Effects of ozone treatment on pesticide residues in food: a review. *International Journal of Food Science and Technology*, 54(2), 301–312. <https://doi.org/10.1111/ijfs.13938>

Xu, X. W., Shi, H. X., & Wang, D. H. (2005). Ozonation with ultrasonic enhancement of p-nitrophenol wastewater. *Journal of Zhejiang University: Science*, 6 B(5), 319–323. <https://doi.org/10.1631/jzus.2005.B0319>

Zhang, Y., Hou, Y., Chen, F., Xiao, Z., Zhang, J., & Hu, X. (2011). The degradation of chlorpyrifos and diazinon in aqueous solution by ultrasonic irradiation: Effect of parameters and degradation pathway. *Chemosphere*, 82(8), 1109–1115. <https://doi.org/10.1016/j.chemosphere.2010.11.081>

Zhou, B., Feng, H., & Luo, Y. (2009). Ultrasound enhanced sanitizer efficacy in reduction of escherichia coli O157:H7 population on spinach leaves. *Journal of Food Science*, 74(6), 308–313. <https://doi.org/10.1111/j.1750-3841.2009.01247.x>

