

## DAFTAR PUSTAKA

- Badan Pusat Statistik Indonesia. 2018. *Statistik Lingkungan Hidup Indonesia*. Badan Pusat Statistik: Jakarta Pusat. p. 07.
- Balls, A. K. & Hale, W. S. 1934. On peroxidase. *Journal of Biological Chemistry*, 107: 767-783.
- Bassin, J. P., Kleerebezem, R., Muyzer, G., Rosado, A. S., van Loosdrecht, M.C. & Dezotti, M. 2012. Effect of different salt adaptation strategies on the microbial diversity, activity, and settling of nitrifying sludge in sequencing batch reactors. *Applied Microbiology and Biotechnology*, 93: 1281-1294.
- Berradi, M., Hsissou, R., Khudhair, M., Assouag, M., Cherkaoui, O., El Bachiri, A., & El Harfi, A. 2019. Textile finishing dyes and their impact on aquatic environments. *Heliyon*, 05:e02711.
- Devi Saini, R. 2017. Textile organic dyes: polluting effects and elimination methods from textile waste water. *International Journal of Chemical Engineering*, 09: 121-136.
- Dias, A. A., Lucas, M. S., Sampaio, A., Peres, J. A. & Bezerra, R. M. F. 2010. Decolorization of Azo Dyes by Yeasts. *The Handbook of Environmental Chemistry*, 09: 183-193.
- El Boujaady, H., Mourabet, A. El Rhilassi, M. Bennani-Ziatni, R & El Hamri, A. Taitai. 2016. Adsorption of a textile dye on synthesized calcium deficient hydroxyapatite (CDHAp): kinetic and thermodynamic studies. *Journals of Material and Environmental Sciences*, 07: 4049-4063
- Hassan, M. M. & Carr, C. M. 2018. A critical review on recent advancements of the removal of reactive dyes from dyehouse effluent by ion-exchange adsorbents. *Chemosphere*, 209: 201-219.
- Hebert, R.M. & Jack-Ovitz, A.M. 2015. Wildlife toxicity assessment for picric acid (2, 4, 6-trinitrophenol). *Wildlife Toxicity Assessments for Chemicals of Military Concern*, 271-277
- Holkar, C. R., Jadhav A.J., Pinjari, D. V., Mahamuni, N. M. & Pandit, A. B. 2016. A critical review on textile wastewater treatments: possible approaches. *Journal of The Environmental Management*, 182: 351-366.
- Imran, M., Crowley, D. E., Khalid, A., Hussain, S., Mumtaz, M. W. & Arshad, M. 2015. Microbial biotechnology for decolorization of textile wastewaters. *Reviews in Environmental Science and Biotechnology*, 14: 73-92.
- Jadhav, J. P., Parshetti, G.K. & Kalme, S. D. 2007. Decolourization of azo dye methyl red by *Saccharomyces cerevisiae* MTCC-463. *Chemosphere*, 68: 394-400.
- Khan, S., & Malik, A. 2013. Environmental and Health Effects of Textile Industry Wastewater. *Environmental Deterioration and Human Health*, 55-71.

- Khatee, A. R. & Dehghan, G. 2011. Optimization of biological treatment of a dye solution by macroalgae *Cladophora* sp. using response surface methodology. *Journal of the Taiwan Institute of Chemical Engineers*, 42: 26–33.
- Khehra, M. S., Saini, H. S., Sharma, D. K., Chadha, B. S., & Chimni, S. S. 2006. Biodegradation of azo dye C.I. Acid red 88 by an anoxic–aerobic sequential bioreactor. *Dyes Pigments*, 70:01–07.
- Lakshmi, A. N., Dhamodaran, M. & Solomon, J. S. 2015. Thermodynamics and kinetics of adsorption of azo dye titan yellow from aqueous solutions on natural plant material *Saccharum spontaneum*. *Der Pharma Chemica*, 07: 36-45.
- M. Bilal, T. Rasheed, H.M.N. Iqbal, L. Chuanlong, W. Hang, H. Hongbo, W. Wei, Z. Xuehong. 2018. Photocatalytic degradation, toxicological assessment and degradation pathway of C.I. Reactive blue 19 dye. *Chemical Engineering Research and Design*, 129: 384-390
- Mahmoud, M. S. 2016. Decolorization of certain reactive dye from aqueous solution using Baker's Yeast (*Saccharomyces cerevisiae*) strain. *Hawke's Bay Regional Council*, 12: 88-98.
- Matioli, D., Malpei, F., Bortone, G., & Rozzi, A. 2002. Water Recycling and Resource Recovery in Industry, Analysis, Technologies and Implementation. London: IWA Publishing. pp. 545-584.
- Meena, H., & Busi, S. 2018. Biosorption of Dye and Heavy Metal Pollutants by Fungal Biomass: A Sustainable Approach. *Mycoremediation and Environmental Sustainability*, 10: 253–271.
- Mohana, S., Shrivastava, S., Divecha, J., & Madamwar, D. 2008. Response surface methodology for optimization of medium for decolorization of textile dye Direct Black 22 by a novel bacterial consortium. *Bioresource Technology*, 99: 562–569.
- Octavianti, Cecilia. 2019. *Potensi dekolorisasi khamir yang diisolasi dari ragi tapai terhadap pewarna tekstil = the potential of yeast isolated from ragi tapai for textile dye decolorization*. Bachelor thesis, Universitas Pelita Harapan.
- Ogola, H. J. O., Ashida, H., Ishikawa, T. & Sawa, Y. 2015. Explorations and Applications of Enzyme-linked Bioremediation of Synthetic Dyes. *Advances in Bioremediation of Wastewater and Polluted Soil*, 06: 111-144.
- Omar, H. H. 2008. Algal decolorization and degradation of monoazo and diazo dyes. *Pakistan Journal of Biological Sciences*, 10: 1310–1316.
- Paz, A., Carballo, J., Pérez, M. J., & Domínguez, J. M. 2017. Biological treatment of model dyes and textile wastewaters. *Chemosphere*, 181: 168-177.

- Permatasari, P. A. & Cantoni, L. 2019. Fashion Communication in The Digital Age: FACTUM 19 Fashion Communication Conference, Ascona, Switzerland, July 21-26, 2019. Springer: Switzerland. p.166.
- Prasetyani, D., Abidin, A. Z., Purusa, N. A. & Sandra, F. A. 2020. The prospects and the competitiveness of textile commodities and Indonesian textile product in global market. *Etikonomi*, 19: 01-18.
- Przystas, W., Zablocka-Godlewska, E., & Grabinska-Sota, E. (2015). Efficacy of fungal decolorization of a mixture of dyes belonging to different classes. *Brazilian Journal of Microbiology*, 46: 415–424.
- Rajasimman, M., Babu, S.V. & Rajamohan, N. 2017. Biodegradation of textile dyeing industry wastewater using modified anaerobic sequential batch reactor–Start-up, parameter optimization and performance analysis. *Journal of the Taiwan Institute of Chemical Engineers*, 72: 171-181.
- Ramalho, P. A., Paiva, S. & Cavaco-Paulo, A. 2005. Azoreductase activity of intact *Saccharomyces cerevisiae* cells is dependent on the Fre1p component of plasma membrane ferric reductase. *Applied and Environmental Microbiology*, 71: 3882-3888.
- Ramalho, P.A., Scholze, H. & Cardoso, M. H. 2002. Improved conditions for the aerobic reductive decolourisation of azo dyes by *Candida zeylanoides*. *Enzyme and Microbial Technology*, 31: 848–854.
- Sahoo, P. R., Prakash, A., Kumar, A. & Kumar, S. 2017. Efficient reversible optical sensing of water achieved through the conversion of H-aggregates of a merocyanine salt to J-aggregates. *Chemistry Select*, 02: 5924-5932.
- Solymosi, K., Latruffe, N., Morant-Manceau, A., & Schoefs, B. 2015. Food colour additives of natural origin. *Colour Additives for Foods and Beverages*, 03–34.
- Spadaro, J. T. & Renganathan, V. 1994. Peroxidase-catalyzed oxidation of azo dyes: mechanism of Disperse Yellow 3 degradation. *Archives of Biochemistry and Biophysics*, 312: 301-307.
- Starmer, W. T. & Lachance, M. A. 2011. Yeast ecology. *The Yeasts*, 65-83.
- Subodh, N.K. Mogha, K. Chaudhary, G. Kumar, D.T. Masram. 2018. Fur-imine-functionalized graphene oxide-immobilized copper oxide nanoparticle catalyst for the synthesis of xanthene derivatives. *ACS Omega*, 03: 16377-16385.
- Volmajer, V. J., Majcen, L. M. A., Vajnhandl, S., Jerič, T., & Šimon, E. 2011. Water in the Textile Industry. *Treatise on Water Science*, 685–706.
- Wei, S. C., Shen, F., Lien, C. W., Unnikrishnan, B., Wang, Y.S., Chu, H.W., Huang, C.C., Hsu, P.H. & Chang, H.T. 2018. Graphene oxide membrane as an efficient extraction and ionization substrate for spray-mass spectrometric analysis of malachite green and its metabolite in fish samples. *Analytica Chimica Acta*, 1003: 42-48.

- Yamagami, A., Kawano, K., Futaki, S., Kuramochi, K. & Tsubaki, K. 2017. Syntheses and properties of second-generation V-shaped xanthene dyes with piperidino groups. *Tetrahedron*, 73: 7061-7066.
- Yang, P., Shi, W., Wang, H., & Liu, H. 2016. Screening of freshwater fungi for decolorizing multiple synthetic dyes. *Brazilian Journal of Microbiology*, 47: 828–834.
- Yu, Z. & Wen, X. 2005. Screening and identification of yeasts for decolorizing synthetic dyes in industrial wastewater. *International Biodeterioration & Biodegradation*, 56: 109-114.

