

## DAFTAR PUSTAKA

- Anonim, 2019, *Pengendalian Residu Pada Kegiatan Pembudidayaan Ikan Konsumsi*, Peraturan Menteri Kelautan dan Perikanan Nomor 37/PERMEN-KP/2019.
- Anonim, 2000, *Batas maksimum cemaran mikroba dan batas maksimum residu dalam bahan makanan asal hewan*, SNI 01-6366-2000.
- Abdel-Wahab, A.-M., Al-Shirbini, A.-S., Mohamed, O., and Nasr, O., 2017, Photocatalytic degradation of paracetamol over magnetic flower-like TiO<sub>2</sub>/Fe<sub>2</sub>O<sub>3</sub> core-shell nanostructures, *J Photochem Photobiol A Chem*, 347, 186–198.
- Ahmed, M.A., El-Katori, E.E., and Gharni, Z.H., 2013, Photocatalytic degradation of methylene blue dye using Fe<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub> nanoparticles prepared by sol–gel method, *J Alloys Compd*, 553, 19–29.
- Boytsova, O., Zhukova, I., Tatarenko, A., Shatalova, T., Beiltiukov, A., Eliseev, A., and Sadovnikov, A., 2022, The Anatase-to-Rutile Phase Transition in Highly Oriented Nanoparticles Array of Titania with Photocatalytic Response Changes, *Nanomater*, 12, 4418.
- Chaaban, H., Ioannou, I., Chebil, L., Slimane, M., Gérardin, C., Paris, C., Charbonnel, C., Chekir, L., and Ghoul, M., 2017, Effect of heat processing on thermal stability and antioxidant activity of six flavonoids, *J Food Process Preserv*, 41, e13203.
- Fernanda, M.A.H.F. and Chrisnandari, R.D., 2021, Kajian Residu Tetrasiklin HCl dalam Daging dan Hati Ayam Broiler pada Beberapa Peternakan di Kabupaten Lamongan Menggunakan Metode Spektrofotometri Ultraviolet, *J Pharm Sci*, 6, 47–52.
- Gopal, G., Alex, S.A., Chandrasekaran, N., and Mukherjee, A., 2020, A review on tetracycline removal from aqueous systems by advanced treatment techniques, *RSC Adv*, 10, 27081–27095.
- He, L., Dong, Y., Zheng, Y., Jia, Q., Shan, S., and Zhang, Y., 2019, A novel magnetic MIL-101(Fe)/TiO<sub>2</sub> composite for photo degradation of tetracycline under solar light, *J Hazard Mater*, 361, 85–94.
- Kang, F., Jiang, X., Wang, Y., Ren, J., Xu, B. Bin, Gao, G., Huang, Z., and Guo, Z., 2023, Electron-rich biochar enhanced Z-scheme heterojunctioned bismuth tungstate/bismuth oxyiodide removing tetracycline, *Inorg Chem Front*, 10, 6045–6057.
- Khasawneh, O.F.S. and Palaniandy, P., 2021, Removal of organic pollutants from water by Fe<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub> based photocatalytic degradation: A review, *Environ Technol Innov*, 21, 101230.
- Li, R., Jia, Y., Bu, N., Wu, J., and Zhen, Q., 2015, Photocatalytic degradation of methyl blue using Fe<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub> composite ceramics, *J Alloys Compd*, 643, 88–93.
- Liu, W., Sun, B., Zhang, D., Chen, L., and Yang, T., 2018, Effect of pH on the selective separation of metals from acidic wastewater by controlling potential, *Sep Purif Technol*, 205, 223–230.

- Mahajan, J. and Jeevanandam, P., 2018, Synthesis of TiO<sub>2</sub>@ $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> core-shell heteronanostructures by thermal decomposition approach and their application towards sunlight-driven photodegradation of rhodamine B, *New J Chem*, 42, 2616–2626.
- Makula, P., Pacia, M., and Macyk, W., 2018, How To Correctly Determine the Band Gap Energy of Modified Semiconductor Photocatalysts Based on UV–Vis Spectra, *J Phys Chem Lett*, 9, 6814–6817.
- Mei, Q., Zhang, F., Wang, N., Yang, Y., Wu, R., and Wang, W., 2019, TiO<sub>2</sub>/Fe<sub>2</sub>O<sub>3</sub> heterostructures with enhanced photocatalytic reduction of Cr(VI) under visible light irradiation, *RSC Adv*, 9, 22764–22771.
- Mohammadi, M., Sabbaghi, S., Binazadeh, M., Ghaedi, S., and Rajabi, H., 2023, Type-1  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub> photocatalytic degradation of tetracycline from wastewater using CCD-based RSM optimization, *Chemosphere*, 336, 139311.
- Morita, A., 2017, Free Energy Calculation,. In, *Reference Module in Chemistry, Molecular Sciences and Chemical Engineering*. Elsevier.
- Nugroho, M.I.S., Pawestri, W., and Hakimah, N., 2022, The detection of tetracycline residues in the liver of Tilapia fish from traditional markets in Yogyakarta using High Performance Liquid Chromatography (HPLC), *IOP Conf Ser Earth Environ Sci*, 1001, 012038.
- Pawar, M., Topcu Sengođular, S., and Gouma, P., 2018, A Brief Overview of TiO<sub>2</sub> Photocatalyst for Organic Dye Remediation: Case Study of Reaction Mechanisms Involved in Ce-TiO<sub>2</sub> Photocatalysts System, *J Nanomater*, 2018, 1–13.
- Putri, R.A., Tursiloadi, S., Nurrahmah, E.F., Liandi, A.R., and Arutanti, O., 2023, Synthesis of TiO<sub>2</sub>-Based Photocatalyst from Indonesia Ilmenite Ore for Photodegradation of Eriochrome Black-T Dye, *Water Air Soil Pollut*, 234, 554.
- Rajakaruna, T.P.B., Udawatte, C.P., Chandrajith, R., and Rajapakse, R.M.G., 2021, Formulation of Iron Oxide and Oxy-hydroxide Nanoparticles from Ilmenite Sand through a Low-Temperature Process, *ACS Omega*, 6, 17824–17830.
- Saghi, M. and Mahanpoor, K., 2017, Photocatalytic degradation of tetracycline aqueous solutions by nanospherical  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> supported on 12-tungstosilicic acid as catalyst: using full factorial experimental design, *Int J Ind Chem*, 8, 297–313.
- Shafiee, A., Rabiee, N., Ahmadi, S., Baneshi, M., Khatami, M., Iravani, S., and Varma, R.S., 2022, Core–Shell Nanophotocatalysts: Review of Materials and Applications, *ACS Appl Nano Mater*, 5, 55–86.
- Sharma, V., Sharma, J.K., Kansay, V., Sharma, V.D., Sharma, A., Kumar, S., Sharma, A.K., and Bera, M.K., 2023, The effect of calcination temperatures on the structural and optical properties of zinc oxide nanoparticles and their influence on the photocatalytic degradation of leather dye, *Chem Phys Impact*, 6, 100196.
- Song, J., Zhao, K., Yin, X., Liu, Y., Khan, I., and Liu, S.-Y., 2022, Photocatalytic degradation of tetracycline hydrochloride with g-C<sub>3</sub>N<sub>4</sub>/Ag/AgBr composites, *Front Chem*, 10, .
- Trenczek-Zajac, A., Synowiec, M., Zakrzewska, K., Zazakowny, K., Kowalski, K., Dziedzic, A., and Radecka, M., 2022, Scavenger-Supported Photocatalytic

- Evidence of an Extended Type I Electronic Structure of the TiO<sub>2</sub>@Fe<sub>2</sub>O<sub>3</sub> Interface, *ACS Appl Mater Interfaces*, 14, 38255–38269.
- Usgodaarachchi, L., Thambiliyagodage, C., Wijesekera, R., Vigneswaran, S., and Kandanapitiye, M., 2022, Fabrication of TiO<sub>2</sub> Spheres and a Visible Light Active  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub>-Rutile/TiO<sub>2</sub>-Anatase Heterogeneous Photocatalyst from Natural Ilmenite, *ACS Omega*, 7, 27617–27637.
- Waghchaure, R.H., Adole, V.A., and Jagdale, B.S., 2022, Photocatalytic degradation of methylene blue, rhodamine B, methyl orange and Eriochrome black T dyes by modified ZnO nanocatalysts: A concise review, *Inorg Chem Commun*, 143, 109764.
- Widiastuti, R., Martindah, E., and Anastasia, Y., 2023, Tetracycline residues in fresh dairy milk from three districts in Indonesia: Occurrence and dietary exposure assessment, *Vet World*, 2230–2235.
- Wu, S., Hu, H., Lin, Y., Zhang, J., and Hu, Y.H., 2020, Visible light photocatalytic degradation of tetracycline over TiO<sub>2</sub>, *Chem Eng J*, 382, 122842.
- Xavier, A.M., Ferreira, F.F., and Souza, F.L., 2014, Morphological and structural evolution from akaganeite to hematite of nanorods monitored by ex situ synchrotron X-ray powder diffraction, *RSC Adv*, 4, 17753–17759.
- Xu, Y., Klein, B., Li, G., and Gopaluni, B., 2023, Evaluation of logistic regression and support vector machine approaches for XRF based particle sorting for a copper ore, *Miner Eng*, 192, 108003.