

DAFTAR PUSTAKA

- Ahluwalia, V. K.. 2021. *Green Chemistry Environmentally Benign Reactions Third Edition*. Switzerland: Springer.
- Bokka, S., Achary, S. N., and Chowdhury, A. 2023. Quintinite: A Mg–Al-layered Double Hydroxide as An Efficient Amido Black Dye Adsorbent. *Ceramics International*. 49(24): 40866-40874.
- Cai, Q., Xu, J., Lian, Z., Yu, H and Li, J. 2022. Liquid—Infused Surfaces with Anti-Corrosion on Magnesium Alloy. *International Conferences on Fluid and Chemical Engineering*. 1-6.
- Cao, Y., Wu, X., Li, B., Tang, X., Lin, X., Li, P., and Qiu, G. 2023. Ca–La Layered Double Hydroxide (LDH) for Selective and Efficient Removal of Phosphate from Wastewater. *Chemosphere*. 325: 1-13.
- Edanol, Y. D. G., Poblador, J. A. O., Talusan, T.J. E., and Payawan, L.M. 2020. Co-precipitation synthesis of Mg-Al-CO₃ layered double hydroxides and its adsorption kinetics with phosphate(V) ions. *Materialstoday: Proceedings*. 33 (4): 1809-1813.
- Farhan, A., Khalid, A., Maqsood, N., Iftekhar, S., Sharif, H. M. A., Qi, F and Asif, M. B. 2023. Progress in layered double hydroxides (LDHs): Synthesis and application in adsorption, catalysis and photoreduction. *Science of The Total Environment*. 169160.
- Gahrouei, A. E., Vakili, S., Zandifar, A., and Pourebrahimi, S. 2024. From Wastewater to Clean Water: Recent Advances on The Removal of Metronidazole, Ciprofloxacin, and Sulfamethoxazole Antibiotics from Water Through Adsorption and Advanced Oxidation Processes (AOPs).
- Jia, Z., Zeng, W., Xu, H., Li, S., and Peng, Y. 2020. Adsorption Removal and Reuse of Phosphate from Wastewater Using a Novel Adsorbent of Lanthanum-modified Platanus Biochar. *Process Safety and Environmental Protection*. 140: 221-232.
- Nava-Andrade, K., Carbajal-Arízaga, G. G., Obregón, S., and Rodríguez-González, V. 2021. Layered Double Hydroxides and Related Hybrid Materials for Removal of Pharmaceutical Pollutants from Water. *Journal of Environmental Management*. 288: 1-18.



in, K. T. T., Ton, L. T., Nguyen, D. T., Nguyen, K. Q., Vu, M. T., N. 2020. Dual-Electronic Nanomaterial (Synthetic Clay) for Removal of Toxic Cationic and Oxyanionic Metal Ions from *of Nanomaterials*. 1: 1-11.

S., Sharma, S., Singh, T., Kumar, S., Thakur, A., and Sharma, Layered double hydroxides: an insight into the role of hydrotalcite-

type anionic clays in energy and environmental applications with current progress and recent prospects. *Materials Today Sustainability*. 22: 100399.

Theiss, F. F., Ayoko, G. A., and Frost, R. L. 2016. Synthesis of layered double hydroxides containing Mg^{2+} , Zn^{2+} , Ca^{2+} and Al^{3+} layer cations by co-precipitation methods. *Applied Surface Science*. 383: 200-213.

Veisi, P., Fattah-alhosseini, A., and Kaseem, M. 2024. Recent Advances In Flat Sheet Mixed Matrix Membrane Modified by Mg-Based Layered Double Hydroxides (LDHs) for Salt and Organic Compound Separations. *Journal of Magnesium and Alloys*. 12(6): 2182-2200.

Wang, P., Zhang, X., Zhou, B., Meng, F., Wang, Y., and Wen, G. 2023. Recent advance of layered double hydroxides materials: Structure, properties, synthesis, modification and applications of wastewater treatment. *Journal of Environmental Chemical Engineering*. 11 (6): 111191.

Yu, X. I. A., Liang, W. U., Yao, W. H., Meng, H. A. O., Jing, C. H. E. N., Zhang, C., and Pan, F. S. 2021. In-situ Layered Double Hydroxides on Mg–Ca Alloy: Role of Calcium in Magnesium Alloy. *Transactions of Nonferrous Metals Society of China*. 31(6): 1612-1627.

