



Norfaezatul Alysa Othman

Chemical Engineering Studies, Universiti Teknologi MARA, Cawangan Pulau Pinang, Permatang Pauh

Norain Isa

Chemical Engineering Studies, Universiti Teknologi MARA, Cawangan Pulau Pinang, Permatang Pauh

Waste Management and Resource Recovery (WeResCue) Group, Chemical Engineering Studies, Colle

Nurulhuda Amri

Chemical Engineering Studies, Universiti Teknologi MARA, Cawangan Pulau Pinang, Permatang Pauh

Nor Aimi Abdul Wahab

Department of Applied Sciences, Universiti Teknologi MARA, Cawangan Pulau Pinang, Permatang Pauh

Nurulhuda Bashirom

- [7] M. Shen *et al.*, "Efficient removal of microplastics from wastewater by electrocoagulation using Fe electrodes," *Chemosphere*, vol. 292, pp. 1311-1319, 2022. Available at: <https://doi.org/10.1016/j.chemosphere.2022.131119>.
- [8] I. D. Teglada, Q. Xu, P. Xie, S. Li, F. Fan, L. Li, D. Li, C. Peng, and B. Li, "Electrocoagulation (EC) for the removal of microplastics from wastewater: A review," *Water*, vol. 14, pp. 1-15, 2022. Available at: <https://doi.org/10.3390/w14010015>.
- [9] Y. Hu, L. Zhou, J. Zhu, and J. Gao, "Efficient removal of polyamide particles from wastewater by electrocoagulation using Fe electrodes," *Chemosphere*, vol. 292, pp. 1311-1319, 2022. Available at: <https://doi.org/10.1016/j.chemosphere.2022.131119>.
- [10] M. Y. A. Mollah, R. Schimada, M. Parga, and B. L. Cockroft, "Electrocoagulation (EC)—science and applications," *Water*, vol. 14, pp. 1-15, 2022. Available at: <https://doi.org/10.3390/w14010015>.
- [11] N. Isa *et al.*, "Anodized TiO₂ nanotubes for photocatalytic degradation of microplastics," *Chemosphere*, vol. 292, pp. 1311-1319, 2022. Available at: <https://doi.org/10.1016/j.chemosphere.2022.131119>.
- [12] N. Isa, T. W. Kian, G. Kawamura, A. Matsuda, and U. Deshpande, "Synthesis of TiO₂ nanotubes for photocatalytic degradation of microplastics," *Chemosphere*, vol. 292, pp. 1311-1319, 2022. Available at: <https://doi.org/10.1016/j.chemosphere.2022.131119>.
- [13] N. Huda, A. A. A. Rahman, M. Beg, and S. H. Park, "Electrocoagulation treatment of raw landfill leachate," *Water*, vol. 14, pp. 1-15, 2022. Available at: <https://doi.org/10.3390/w14010015>.
- [14] M. Shen *et al.*, "Removal of microplastics from wastewater by electrocoagulation using Fe electrodes," *Chemosphere*, vol. 292, pp. 1311-1319, 2022. Available at: <https://doi.org/10.1016/j.chemosphere.2022.131119>.
- [15] M. Shen *et al.*, "Efficient removal of microplastics from wastewater by electrocoagulation using Fe electrodes," *Chemosphere*, vol. 292, pp. 1311-1319, 2022. Available at: <https://doi.org/10.1016/j.chemosphere.2022.131119>.
- [16] Y. Gao and Y. Liu, "Removal of microplastics by electrocoagulation treatment in waters and prospect of reusing electrodes," *Chemosphere*, vol. 292, pp. 1311-1319, 2022. Available at: <https://doi.org/10.1016/j.chemosphere.2022.131119>.
- [17] S. Xu, J. Ma, R. Ji, K. Pan, and F. Miao, "Microplastics in aquatic environments: occurrence, accumulation, and removal," *Chemosphere*, vol. 292, pp. 1311-1319, 2022. Available at: <https://doi.org/10.1016/j.chemosphere.2022.131119>.
- [18] S. Sharma, S. Basu, P. Shetti, M. N. Nadar, and A. A. A. Rahman, "Microplastics in aquatic environments: occurrence, accumulation, and removal," *Chemosphere*, vol. 292, pp. 1311-1319, 2022. Available at: <https://doi.org/10.1016/j.chemosphere.2022.131119>.

- [19] C. Akarsu, H. Kumbul, *Water Sci. Technol.*, “Removal of microplastics from water available in the city of Istanbul by electrocoagulation process”, *Water Sci. Technol.*, vol. 84, pp. 1648–1662, 2021, Available online at: <https://doi.org/10.2166/wst.2021.84.1648>.
- [20] H. A. Moreno C. *et al.*, “Electrochemical reactions for Electrocoagulation”, *Electrochim. Acta*, vol. 46, pp. 1111–1120, 2001.
- [21] F. Liu *et al.*, “A systematic review of Electrocoagulation technology”, *Electrochim. Acta*, vol. 195, pp. 113–125, 2016.
- [22] J. Yu, Y. Liu, H. Wang, *Environ. Sci. Technol.*, “Insight into the corrosion of the iron anode with electrocoagulation”, *Environ. Sci. Technol.*, vol. 46, pp. 418–423, 2012.
- [23] N. B. Turan, H. S. Erkan, *Process Saf. Environ. Protect.*, “Microplastics in wastewater treatment plants: Occurrence and removal”, *Process Saf. Environ. Protect.*, vol. 178, pp. 1–11, 2021.
- [24] A. Cristaldi *et al.*, “Efficiency of wastewater treatment plants (WWTPs) in removing microplastics”, *Environ. Res. (UK)*, vol. 192, pp. 110371–110378, 2020.
- [25] M. Shen, T. Hu, W. Chen, B. Song, G. Zeng and Z. Zhang, “Removal of microplastics from wastewater by electrocoagulation”, *Environ. Res. (UK)*, vol. 192, pp. 110371–110378, 2020.
- [26] A. R. Lado Ribeiro, N. F. M. Gregira, G. Li Puma, *Appl. Polym. Symp.*, “Microplastic removal by electrocoagulation”, *Appl. Polym. Symp.*, vol. 155, pp. 173–179, 2019, Available online at: <https://doi.org/10.1002/polb.25000>.