Publications Summary:

Total Journal: 118, WOS-Cited: 104, Book Chapter:15. IPR :1

Journal (WOS)

1. A. Rani., A.S.Lal., **P. Saravanan*** Bismuth niobate/ gC_3N_4 heterojunction for maximised visible light photocatalytic removal of Bisphenol A ***Chemosphere***. 364, 1431982024,. (**IF:8.1, Q1)**. https://doi.org/10.1016/j.chemosphere.2024.143198
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3. U. Sharma., P.Mukherjee., S. Basu., **P. Saravanan*** Facile synthesis of ZIF-8 modified PES beads with improved sorption characteristics for elimination of congo red from aquatic stream ***Reactive & Functional Polymers,***. 2023, 105765. (**IF:4.5, Q1)**. https://doi.org/10.1016/j.reactfunctpolym.2023.105765
4. P. Mishra., P.Gopinath., **P. Saravanan*** Built in electric-field active 2D β-BN/ZIS coated water-fed photoelectrode for methane conversion into hydrogen gas and VAPs through non-oxidative coupling, ***Chemical Engineering Journal,*** 2023, 468, 143634 **(IF:13.3,Q1)** https://doi.org/10.1016/j.cej.2023.143634
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14. P. Mukhrjee., U. Sharma., **P. Saravanan*** PEDOT modified MIL-53 (Al) as high throughput cathode catalyst for durable and economical power generation in microbial fuel cell ***International Journal of Energy Research***. 2022, 46, 23326 - 23340 **(IF:4.3, Q1)** **https://doi.org/10.1002/er.8630**
15. P. Mukhrjee., **P. Saravanan*** Pyrolytically synthesized Cobalt based Carbon nitrogen framework as an efficient cathode catalyst in MFC application ***Journal of Environmental Chemical Engineering*** 2022, 10, 108940 **(IF:7.4, Q1)** https://doi.org/10.1016/j.jece.2022.108940
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18. P. Mukherjee, N.S. Mishra, **P. Saravanan*** Corrigendum to "Polydopamine modified silk fibroin 3-D anode for enhanced microbial fuel cell operation" [Sustain Energy Technol Assess 49 (2022) 101696] ***Sustainable Energy Technologies and Assessments*** 53, 102502. https://doi.org/10.1016/j.seta.2022.102502
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