

Theme 6-1: Water and Wastewater Treatment - 2023

Title	Authors	Scopus Source title	Source type
Emerging pollutants of water supplies and the effect of climate change	Alshamsi, A.M.O. Tatan, B.M. Ashoobi, N.M.S. Mortula, M.M.	Environmental Reviews	Journal
Evaluation of trihalomethanes formation in polymeric pipes within water distribution system	Shabani, S. Mortula, M.M. Fattah, K.P.	International Journal of Hydrology Science and Technology	Journal
Factors affecting the leaching of micro and nanoplastics in the water distribution system	Hammodat, A.R. Nassar, S. Mortula, M.M. Shamsuzzaman, M.	Journal of Environmental Management	Journal
Insights on the development of enhanced antifouling reverse osmosis membranes: Industrial applications and challenges	Tawalbeh, M. Qalyoubi, L. Al-Othman, A. Qasim, M. Shirazi, M.	Desalination	Journal
MXenes and MXene-based materials for removal of pharmaceutical compounds from wastewater: Critical review	Tawalbeh, M. Mohammed, S. Al-Othman, A. Yusuf, M. Mofijur, M. Kamyab, H.	Environmental Research	Journal
Degradation of micropollutants by metal organic framework composite-based catalysts: A review	Murtaza, S.Z.M. Alqassem, H.T. Sabouni, R. Ghommem, M.	Environmental Technology and Innovation	Journal
Photocatalytic degradation of diclofenac using hybrid MIL-53(Al)@TiO ₂ and MIL-53(Al)@ZnO catalysts	Karami, A. Shomal, R. Sabouni, R. Murtaza, S.Z.M. Ghommem, M.	Canadian Journal of Chemical Engineering	Journal
Correction to: Textile based biochar for the removal of ciprofloxacin antibiotics from water (Emergent Materials, (2023), 10.1007/s42247-023-00512-0)	Qalyoubi, L. Al-Othman, A. Al-Asheh, S. Shirvanimoghaddam, K. Mahmoodi, R. Naebe, M.	Emergent Materials	Journal
Textile-based biochar for the removal of ciprofloxacin antibiotics from water	Qalyoubi, L. Al-Othman, A. Al-Asheh, S. Shirvanimoghaddam, K. Mahmoodi, R. Naebe, M.	Emergent Materials	Journal
Assessment of ultrasound-assisted forward osmosis process performance for seawater desalination using experimental factorial design	Al-Sakaji, B.A.K. Al-Asheh, S. Maraqa, M.A.	Applied Water Science	Journal
Surface modification techniques of membranes to improve their antifouling characteristics: recent advancements and developments	Tawalbeh, M. Aljaghoub, H. Qasim, M. Al-Othman, A.	Frontiers of Chemical Science and Engineering	Journal
Performance of Membrane Biological Reactor for Tobacco Industrial Wastewater Treatment	Alhajar, A. Al-Asheh, S. Aidan, A.	World Congress on Civil, Structural, and Environmental Engineering	Conference Proceeding
A Review on Membrane Fouling Prediction Using Artificial Neural Networks (ANNs)	Abuwatfa, W.H. AlSawaftah, N. Darwish, N. Pitt, W.G. Hussein, G.A.	Membranes	Journal
Efficient removal of cationic dye using ZIF-8 based sodium alginate composite beads: Performance evaluation in batch and column systems	Garg, R. Sabouni, R.	Chemosphere	Journal
Corrigendum to 'Insights on the development of enhanced antifouling reverse osmosis membranes: Industrial applications and challenges' [Desalination 553 (2023) 116460] (Desalination (2023) 553, (S0011916423000929), (10.1016/j.desal.2023.116460))	Tawalbeh, M. Qalyoubi, L. Al-Othman, A. Qasim, M. Shirazi, M.M.A.	Desalination	Journal
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