

Theme 6-1: Water and Wastewater Treatment - 2020

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
Optimal conditions for olive mill wastewater treatment using ultrasound and advanced oxidation processes	Al-Bsoul, A. Al-Shannag, M. Tawalbeh, M. Al-Taani, A.A. Lafi, W.K. Al-Othman, A. Alsheyab, M.	Science of the Total Environment	700	-	-	Journal	Article	
Experimental investigation of competitive co-adsorption of naproxen and diclofenac from water by an aluminum-based metal-organic framework	Karami, A. Sabouni, R. Ghommem, M.	Journal of Molecular Liquids	305	-	-	Journal	Article	
Selective removal of dual dyes from aqueous solutions using a metal organic framework (MIL-53(Al))	Al Sharabati, M. Sabouni, R.	Polyhedron	190	-	-	Journal	Article	Green
Luminescent metal organic framework for selective detection of mercury in aqueous media: Microwave-based synthesis and evaluation	El Taher, B.J. Sabouni, R. Ghommem, M.	Colloids and Surfaces A: Physicochemical and Engineering Aspects	607	-	-	Journal	Article	
Ultrasound-assisted forward osmosis desalination using inorganic draw solutes	Qasim, M. Khudhur, F.W. Aidan, A. Darwish, N.A.	Ultrasonics Sonochemistry	61	-	-	Journal	Article	Hybrid gold
Cyclic sequential removal of alizarin red S Dye and Cr(VI) ions using wool as a low-cost adsorbent	Khamis, M.I. Ibrahim, T.H. Jumean, F.H. Sara, Z.A. Atallah, B.A.	Processes	8	5	-	Journal	Article	Gold Green
Chemically modified nanoparticles usage for removal of chromium from sewer water	Dokmaji, T. Ibrahim, T. Khamis, M. Abouleish, M. Alam, I.	Environmental Nanotechnology, Monitoring and Management	14	-	-	Journal	Article	
Adsorption of Methyl Chloride on Molecular Sieves, Silica Gels, and Activated Carbon	Lad, J.B. Makkawi, Y.T.	Chemical Engineering and Technology	43	3	436-446	Journal	Article	
SARS-CoV-2: The Increasing Importance of Water Filtration against Highly Pathogenic Microbes	Siddiqui, R. Khamis, M. Ibrahim, T. Khan, N.A.	ACS Chemical Neuroscience	11	17	2482-2484	Journal	Review	Green
Development of activated carbon fibers for removal of organic contaminants	Alkathiri, D.S.S. Sabri, M.A. Ibrahim, T.H. ElSayed, Y.A. Jumean, F.	International Journal of Environmental Science and Technology	17	12	4841-4852	Journal	Article	
Scale-up of self-regenerating semi-batch adsorption cycles through concurrent adsorption and reduction of Cr(VI) on sheep wool	Badrelzaman, M. Khamis, M.I. Ibrahim, T.H. Jumean, F.H.	Processes	8	9	-	Journal	Article	Gold
Adsorption characteristics of diclofenac sodium onto graphene nanoplatelets	Zaka, A. Ibrahim, T.H. Khamis, M.I. Samara, F.	Desalination and Water Treatment	206	-	331-339	Journal	Article	
Improving Resiliency of Water Supply System in Arid Regions: Integrating Centrality and Hydraulic Vulnerability	Mortula, M.M. Ahmed, M.A. Sadri, A.M. Ali, T. Ahmad, I. Idris, A.	Journal of Management in Engineering	36	5	-	Journal	Article	
Communication Network for Ultrasonic Acoustic Water Leakage Detectors	Awwad, A. Yahya, M. Albasha, L. Mortula, M.M. Ali, T.	IEEE Access	8	-	29954-29964	Journal	Article	Gold
Modified sand for the removal of manganese and arsenic from groundwater	Habib, M.E. Ali, M.A. Fattah, K.P.	Journal of Environmental Engineering and Science	15	4	189-196	Journal	Article	
Leaching of organic material in polymeric pipes distributing desalinated water	Fattah, K.P. Mortula, M.	International Journal of Hydrology Science and Technology	10	2	210-219	Journal	Article	
Remote thermal water leakage sensor with a laser communication system	Awwad, A. Yahya, M. Albasha, L. Mortula, M.M. Ali, T.	IEEE Access	8	-	163784-163796	Journal	Article	Gold
Assessment of contaminant flux from heavily polluted benthic sediments of tongi khal (Canal): An ex-situ approach	Das, P. Ali, M.A. Fattah, K.P.	Desalination and Water Treatment	179	-	272-279	Journal	Article	
Municipal wastewater treatment using different coagulants	Mortula, M. Ali, T. Elaksher, A.	Desalination and Water Treatment	179	-	1-7	Journal	Article	
Ultrasound Water Leakage Image Denoising by the Iterative Mmse Filter Abstract	Yahia, M. Mortula, M.M. Awwad, A. Albasha, L. Ali, T.	2020 International Conference on Advanced Technologies for Signal and Image Processing, ATSSIP 2020	-	-	-	Conference Proceeding	Conference Paper	
Experimental investigation of competitive co-adsorption of naproxen and diclofenac from water by an aluminum-based metal-organic framework	Karami, A. Sabouni, R. Ghommem, M.	Journal of Molecular Liquids	305	-	-	Journal	Article	