

Theme 6-1: Water and Wastewater Treatment - 2019

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
Reverse osmosis desalination: A state-of-the-art review	Qasim, M. Badrelzaman, M. Darwish, N.N. Darwish, N.A. Hilal, N.	Desalination	459	-	59-104	Journal	Review	Green
Nuclear desalination: A state-of-the-art review	Al-Othman, A. Darwish, N.N. Qasim, M. Tawalbeh, M. Darwish, N.A. Hilal, N.	Desalination	457	-	39-61	Journal	Review	Green
Photocatalytic degradation of pharmaceutical micro-pollutants using ZnO	Sabouni, R. Gomaa, H.	Environmental Science and Pollution Research	26	6	5372-5380	Journal	Review	
Development of novel surfactant functionalized porous graphitic carbon as an efficient adsorbent for the removal of methylene blue dye from aqueous solutions	Shittu, I. Achazhiyath Edathil, A. Alsaeedi, A. Al-Asheh, S. Polychronopoulou, K. Banat, F.	Journal of Water Process Engineering	28	-	69-81	Journal	Article	
Synthesis of Mesoporous/Macroporous Microparticles Using Three-Dimensional Assembly of Chitosan-Functionalized Halloysite Nanotubes and Their Performance in the Adsorptive Removal of Oil Droplets from Water	Eskhan, A. Banat, F. Abu Hajja, M. Al-Asheh, S.	Langmuir	35	6	2343-2357	Journal	Article	
Application of multiwalled carbon nanotubes and its magnetite derivative for emulsified oil removal from produced water	Ibrahim, T.H. Sabri, M.A. Khamis, M.I.	Environmental Technology (United Kingdom)	40	25	3337-3350	Journal	Article	
Model identification and control of chlorine residual for disinfection of wastewater	Khawaga, R.I. Abdel Jabbar, N. Al-Asheh, S. Abouleish, M.	Journal of Water Process Engineering	32	-	-	Journal	Article	
Corrosion behavior of common metals in eutectic ionic liquids	Ibrahim, T.H. Alhasan, R. Bedrelzaman, M. Sabri, M.A. Jabbar, N.A. Mjalli, F.S.	International Journal of Electrochemical Science	14	9	8450-8469	Journal	Article	Green
Performance Characteristics of a Suspended-Catalyst Oscillatory Membrane Photocatalytic Reactor	Gomaa, H.G. Sabouni, R.	Chemical Engineering and Technology	42	3	575-583	Journal	Article	
Experimental design modelling and optimization of levofloxacin removal with graphene nanoplatelets using response surface method	Zaka, A. Ibrahim, T.H. Khamis, M.I. Jabbar, N.A.	Desalination and Water Treatment	169	-	38-48	Journal	Article	
Synthesis and characterization of activated carbon fibers derived from corn silk and its application in p-cresol removal	Sabri, M.A. Ibrahim, T.H. El Sayed, Y.A.	Desalination and Water Treatment	168	-	77-87	Journal	Article	
Adsorption kinetics and thermodynamics of methylene blue by HKUST-1	Sabouni, R. Aidan, A. Alobeidli, A. Lahib, F. Bacha, H.H. Kasserimaly, R. Jarmakani, S.	Desalination and Water Treatment	138	-	301-312	Journal	Article	
Corrigendum to: Performance Characteristics of a Suspended-Catalyst Oscillatory Membrane Photocatalytic Reactor (Chemical Engineering & Technology, (2019), 42, 3, (575-583), 10.1002/ceat.201800260)	Gomaa, H.G. Sabouni, R.	Chemical Engineering and Technology	42	6	-	Journal	Erratum	Bronze
Impacts of Water Quality on the Spatiotemporal Susceptibility of Water Distribution Systems	Mortula, M.M. Ali, T.A. Sadiq, R. Idris, A. Al Mulla, A.	Clean - Soil, Air, Water	47	5	-	Journal	Article	
Spatiotemporal assessment of water quality in the distribution network of City of Sharjah, UAE	Maruf Mortula, Md. Fattah, K.P. Ali, T.A. Idris, A. Bardan, M.	International Journal of Information and Decision Sciences	11	2	116-125	Journal	Article	
Editorial	Fattah, K.P. Hamoda, M.	Journal of Environmental Engineering and Science	14	4	193-194	Journal	Editorial	Bronze