

Theme 6-3: Sustainability of Environmental and Chemical Processes - 2020

Title	Authors	Scopus Source title	Volume	Issue	Pages	Source type	Publication type	Open Access
Microbial desalination cells for water purification and power generation: A critical review	Tawalbeh, M. Al-Othman, A. Singh, K. Douba, I. Kabakebji, D. Alkasrawi, M.	Energy	209	-	-	Journal	Article	
Techno-economic analysis and a novel assessment technique of paper mill sludge conversion to bioethanol toward sustainable energy production	Alkasrawi, M. Rajangam, A.S. Tawalbeh, M. Kafiah, F. Al-Othman, A. Al-Asheh, S. Sun, Q.	International Journal of Energy Research	44	15	12602-12613	Journal	Article	Bronze
Thermal Conductivities of Choline Chloride-Based Deep Eutectic Solvents and Their Mixtures with Water: Measurement and Estimation	Ibrahim, T.H. Sabri, M.A. Jabbar, N.A. Nancarrow, P. Mjalli, F.S. AlNashef, I.	Molecules	25	17	-	Journal	Article	Gold Green
Fluorescent aminal linked porous organic polymer for reversible iodine capture and sensing	Sabri, M.A. Al-Sayah, M.H. Sen, S. Ibrahim, T.H. El-Kadri, O.M.	Scientific Reports	10	1	-	Journal	Article	Gold Green
Parametric study of a single effect lithium bromide-water absorption chiller powered by a renewable heat source	Tawalbeh, M. Salameh, T. Albawab, M. Al-Othman, A. Assad, M.E.H. Alami, A.H.	Journal of Sustainable Development of Energy, Water and Environment Systems	8	3	464-475	Journal	Article	Gold Green
A novel approach to the solution of a steady state biofilter model	Salih, M. Shareefdeen, Z. Khouri, S.	Environmental Engineering Research	25	5	779-787	Journal	Article	Gold
High-performance biofilters for air treatment applications	Shareefdeen, Z.	From Biofiltration to Promising Options in Gaseous Fluxes Biotreatment: Recent Developments, New Trends, Advances, and Opportunities	-	-	111-127	Book	Chapter	
Industrial biofilter case studies	Shareefdeen, Z.	From Biofiltration to Promising Options in Gaseous Fluxes Biotreatment: Recent Developments, New Trends, Advances, and Opportunities	-	-	177-192	Book	Chapter	
Comments on waste to energy technologies in the United Arab Emirates (UAE)	Shareefdeen, Z. Youssef, N. Taha, A. Masoud, C.	Environmental Engineering Research	25	1	129-134	Journal	Article	Bronze
Durability of basalt FRP reinforcing bars in alkaline solution and moist concrete environments	Rifai, M.A. El-Hassan, H. El-Maaddawy, T. Abed, F.	Construction and Building Materials	243	-	-	Journal	Article	
Sustainable management of organic wastes in sharjah, uae through co-composting	Mortula, M.M. Ahmed, A. Fattah, K.P. Zannerni, G. Shah, S.A. Sharaby, A.M.	Methods and Protocols	3	4	1-12	Journal	Article	Gold 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	