

Mehran Akrami

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

10
papers

83
citations

5
h-index

9
g-index

12
ext. papers

176
ext. citations

3.7
avg, IF

2.9
L-index

#	Paper	IF	Citations
10	Bio-recovery of municipal plastic waste management based on an integrated decision-making framework. <i>Journal of Industrial and Engineering Chemistry</i> , 2022 ,	6.3	5
9	Presenting a novel approach for designing chlorine contact reactors by combination of genetic algorithm with nonlinear condition functions, simulated annealing algorithm, pattern search algorithm and experimental efforts. <i>Annals of Environmental Science and Toxicology</i> , 2021 , 012-017	0.3	
8	Qualitative Evaluation of Surface Water Resources Using Iran Water Quality Index (IRWQSC) and National Sanitation Foundation Water Quality Index (Case Study: Kardeh Dam, Mashhad, Iran). <i>Annals of Environmental Science and Toxicology</i> , 2021 , 030-037	0.3	0
7	Evaluation of water life cycle in production and implementation of Autoclaved Aerated Concrete (AAC), Non-Autoclaved Aerated Concrete (NAAC), Cellular Light Weight Concrete (CLC) blocks and prioritization with multi-criteria decision systems: Case study of production units in Mashhad City, Iran. <i>Annals of Environmental Science and Toxicology</i> , 2021 , 067-073	0.3	
6	Evaluation of life cycle in the process of production and management of PVC waste by LCA method and prediction of toxicity (TEQ) effect of dioxins using Artificial Neural Network method and nonlinear regression. <i>Annals of Environmental Science and Toxicology</i> , 2021 , 099-102	0.3	1
5	Constructing a smart framework for supplying the biogas energy in green buildings using an integration of response surface methodology, artificial intelligence and petri net modelling. <i>Energy Conversion and Management</i> , 2021 , 248, 114794	10.6	10
4	Cadmium and copper heavy metal treatment from water resources by high-performance folic acid-graphene oxide nanocomposite adsorbent and evaluation of adsorptive mechanism using computational intelligence, isotherm, kinetic, and thermodynamic analyses. <i>Environmental Science and Pollution Research</i> , 2020 , 27, 43999-44021	5.1	19
3	Comparative Study on the Removal of Cationic Dyes Using Different Graphene Oxide Forms. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2019 , 29, 1785-1797	3.2	11
2	Experimental investigation and mathematical modeling for microbial removal using potassium permanganate as an oxidant-case study: water treatment plant No. 1, Mashhad, Iran. <i>Environmental Monitoring and Assessment</i> , 2019 , 191, 141	3.1	1
1	Solid-phase extraction of ultra-trace levels of lead using tannic acid-coated graphene oxide as an efficient adsorbent followed by electrothermal atomic absorption spectrometry; response surface methodology [Central composite design. <i>New Journal of Chemistry</i> , 2018 , 42, 1159-1168	3.6	34