Mehran Akrami

List of Publications by Year
in descending order

12 papers	264 citations	1305906 8 h-index	1427216 11 g-index
12 all docs	12 docs citations	12 times ranked	143 citing authors

#	Article	IF	Citations
1	Bio-recovery of municipal plastic waste management based on an integrated decision-making framework. Journal of Industrial and Engineering Chemistry, 2022, 108, 215-234.	2.9	47
2	A Sustainable Decision Support System for Drinking Water Systems: Resiliency Improvement against Cyanide Contamination. Infrastructures, 2022, 7, 88.	1.4	24
3	A sustainable Decision Support System for soil bioremediation of toluene incorporating UN sustainable development goals. Environmental Pollution, 2022, 307, 119587.	3.7	9
4	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. Annals of Environmental Science and Toxicology, 2021, , 012-017.	0.6	0
5	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). Annals of Environmental Science and Toxicology, 2021, , 030-037.	0.6	1
6	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. Annals of Environmental Science and Toxicology, 2021, , 067-073.	0.6	1
7	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. Annals of Environmental Science and Toxicology, 2021, , 099-102.	0.6	1
8	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. Energy Conversion and Management, 2021, 248, 114794.	4.4	51
9	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. Environmental Science and Pollution Research, 2020, 27, 43999-44021.	2.7	45
10	Comparative Study on the Removal of Cationic Dyes Using Different Graphene Oxide Forms. Journal of Inorganic and Organometallic Polymers and Materials, 2019, 29, 1785-1797.	1.9	26
11	Experimental investigation and mathematical modeling for microbial removal using potassium permanganate as an oxidantâ€"case study: water treatment plant No. 1, Mashhad, Iran. Environmental Monitoring and Assessment, 2019, 191, 141.	1.3	10
12	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 â€" central composite design. New Journal of Chemistry, 2018, 42, 1159-1168.	1.4	49