

Mariam Ouda

List of Publications by Year in descending order

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14
papers

442
citations

759055

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1058333

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14
times ranked

329
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface tuned polyethersulfone membrane using an iron oxide functionalized halloysite nanocomposite for enhanced humic acid removal. <i>Environmental Research</i> , 2022, 204, 112113.	3.7	16
2	Enhanced water permeability and fouling resistance properties of ultrafiltration membranes incorporated with hydroxyapatite decorated orange-peel-derived activated carbon nanocomposites. <i>Chemosphere</i> , 2022, 286, 131799.	4.2	24
3	Highly selective heavy metal ions membranes combining sulfonated polyethersulfone and self-assembled manganese oxide nanosheets on positively functionalized graphene oxide nanosheets. <i>Chemical Engineering Journal</i> , 2022, 428, 131267.	6.6	42
4	Highly permeable, environmentally-friendly, antifouling polylactic acid-hydroxyapatite/polydopamine (PLA-HAp/PDA) ultrafiltration membranes. <i>Journal of Cleaner Production</i> , 2022, 330, 129871.	4.6	20
5	Surface-engineered polyethersulfone membranes with inherent Fe-Mn bimetallic oxides for improved permeability and antifouling capability. <i>Environmental Research</i> , 2022, 204, 112390.	3.7	12
6	Emerging contaminants in the water bodies of the Middle East and North Africa (MENA): A critical review. <i>Science of the Total Environment</i> , 2021, 754, 142177.	3.9	75
7	Polyethersulfone hybrid ultrafiltration membranes fabricated with polydopamine modified ZnFe ₂ O ₄ nanocomposites: Applications in humic acid removal and oil/water emulsion separation. <i>Chemical Engineering Research and Design</i> , 2021, 148, 813-824.	2.7	44
8	Detection and removal of waterborne enteric viruses from wastewater: A comprehensive review. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105613.	3.3	31
9	Membrane fouling mitigation techniques for oily wastewater: A short review. <i>Journal of Water Process Engineering</i> , 2021, 43, 102293.	2.6	52
10	Advances in technological control of greenhouse gas emissions from wastewater in the context of circular economy. <i>Science of the Total Environment</i> , 2021, 792, 148479.	3.9	54
11	Impact of electrodes' configuration in an electrokinetic cell for oil-water separation. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021, 4, 100135.	2.9	2
12	Integrated electrochemical-adsorption process for the removal of trace heavy metals from wastewater. <i>Case Studies in Chemical and Environmental Engineering</i> , 2021, 4, 100147.	2.9	6
13	Novel static mixers based on triply periodic minimal surface (TPMS) architectures. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104289.	3.3	42
14	Oily wastewater treatment via phase-inverted polyethersulfone-maghemite (PES/ γ -Fe ₂ O ₃) composite membranes. <i>Journal of Water Process Engineering</i> , 2020, 37, 101545.	2.6	22