Mariam Ouda

List of Publications by Year in descending order

14 papers	442 citations	759055 12 h-index	1058333 14 g-index
14 all docs	14 docs citations	14 times ranked	329 citing authors

#	Article	IF	Citations
1	Emerging contaminants in the water bodies of the Middle East and North Africa (MENA): A critical review. Science of the Total Environment, 2021, 754, 142177.	3.9	75
2	Advances in technological control of greenhouse gas emissions from wastewater in the context of circular economy. Science of the Total Environment, 2021, 792, 148479.	3.9	54
3	Membrane fouling mitigation techniques for oily wastewater: A short review. Journal of Water Process Engineering, 2021, 43, 102293.	2.6	52
4	Polyethersulfone hybrid ultrafiltration membranes fabricated with polydopamine modified ZnFe2O4 nanocomposites: Applications in humic acid removal and oil/water emulsion separation. Chemical Engineering Research and Design, 2021, 148, 813-824.	2.7	44
5	Novel static mixers based on triply periodic minimal surface (TPMS) architectures. Journal of Environmental Chemical Engineering, 2020, 8, 104289.	3.3	42
6	Highly selective heavy metal ions membranes combining sulfonated polyethersulfone and self-assembled manganese oxide nanosheets on positively functionalized graphene oxide nanosheets. Chemical Engineering Journal, 2022, 428, 131267.	6.6	42
7	Detection and removal of waterborne enteric viruses from wastewater: A comprehensive review. Journal of Environmental Chemical Engineering, 2021, 9, 105613.	3.3	31
8	Enhanced water permeability and fouling resistance properties of ultrafiltration membranes incorporated with hydroxyapatite decorated orange-peel-derived activated carbon nanocomposites. Chemosphere, 2022, 286, 131799.	4.2	24
9	Oily wastewater treatment via phase-inverted polyethersulfone-maghemite (PES/Î³-Fe2O3) composite membranes. Journal of Water Process Engineering, 2020, 37, 101545.	2.6	22
10	Highly permeable, environmentally-friendly, antifouling polylactic acid-hydroxyapatite/polydopamine (PLA-HAp/PDA) ultrafiltration membranes. Journal of Cleaner Production, 2022, 330, 129871.	4.6	20
11	Surface tuned polyethersulfone membrane using an iron oxide functionalized halloysite nanocomposite for enhanced humic acid removal. Environmental Research, 2022, 204, 112113.	3.7	16
12	Surface-engineered polyethersulfone membranes with inherent Feâ€“Mn bimetallic oxides for improved permeability and antifouling capability. Environmental Research, 2022, 204, 112390.	3.7	12
13	Integrated electrochemical-adsorption process for the removal of trace heavy metals from wastewater. Case Studies in Chemical and Environmental Engineering, 2021, 4, 100147.	2.9	6
14	Impact of electrodes' configuration in an electrokinetic cell for oil-water separation. Case Studies in Chemical and Environmental Engineering, 2021, 4, 100135.	2.9	2