

Muhammad H Al-Malack

List of Publications by Year in descending order

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29
papers

666
citations

623734

14
h-index

580821

25
g-index

29
all docs

29
docs citations

29
times ranked

842
citing authors

#	ARTICLE	IF	CITATIONS
1	Methylene Blue removal using polyamide-vermiculite nanocomposites: Kinetics, equilibrium and thermodynamic study. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103107.	6.7	95
2	Performance of a crossflow membrane bioreactor (CFMBR) when treating refinery wastewater. <i>Desalination</i> , 2006, 191, 16-26.	8.2	94
3	Migration of lead from unplasticized polyvinyl chloride pipes. <i>Journal of Hazardous Materials</i> , 2001, 82, 263-274.	12.4	57
4	Formation of dynamic membranes with crossflow microfiltration. <i>Journal of Membrane Science</i> , 1996, 112, 287-296.	8.2	52
5	Determination of biokinetic coefficients of an immersed membrane bioreactor. <i>Journal of Membrane Science</i> , 2006, 271, 47-58.	8.2	51
6	Poly(acrylamide acrylic acid) grafted on steel slag as an efficient magnetic adsorbent for cationic and anionic dyes. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105126.	6.7	41
7	Competitive adsorption of cadmium and phenol on activated carbon produced from municipal sludge. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 2718-2729.	6.7	38
8	Adsorption of heavy metals using activated carbon produced from municipal organic solid waste. <i>Desalination and Water Treatment</i> , 2016, 57, 24519-24531.	1.0	29
9	Effect of solar radiation on the migration of vinyl chloride monomer from unplasticized PVC pipes. <i>Water Research</i> , 2001, 35, 3283-3290.	11.3	24
10	Utilization of Portland cement with limestone powder and cement kiln dust for stabilization/solidification of oil-contaminated marl soil. <i>Environmental Science and Pollution Research</i> , 2021, 28, 3196-3216.	5.3	21
11	Title is missing!. <i>Water, Air, and Soil Pollution</i> , 2000, 120, 195-208.	2.4	19
12	Performance of an immersed membrane bioreactor (IMBR). <i>Desalination</i> , 2007, 214, 112-127.	8.2	19
13	Polyamide-baghouse dust nanocomposite for removal of methylene blue and metals: Characterization, kinetic, thermodynamic and regeneration. <i>Chinese Journal of Chemical Engineering</i> , 2021, 39, 112-125.	3.5	18
14	Treatment of synthetic petroleum refinery wastewater in a continuous electro-oxidation process. <i>Desalination and Water Treatment</i> , 2013, 51, 6580-6591.	1.0	16
15	Stabilization and Solidification of Oil-Contaminated Sandy Soil Using Portland Cement and Supplementary Cementitious Materials. <i>Journal of Materials in Civil Engineering</i> , 2020, 32, .	2.9	15
16	Treatment of petroleum refinery wastewater using crossflow and immersed membrane processes. <i>Desalination and Water Treatment</i> , 2013, 51, 6985-6993.	1.0	12
17	Electrochemical oxidation of low phenol concentration on boron doped diamond anodes: optimization via response surface methodology. <i>Desalination and Water Treatment</i> , 2014, 52, 7293-7305.	1.0	12
18	Poly (acrylamide acrylic acid)/Baghouse dust magnetic composite hydrogel as an efficient adsorbent for metals and MB; synthesis, characterization, mechanism, and statistical analysis. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 23, 100503.	3.3	10

#	ARTICLE	IF	CITATIONS
19	Performance of anaerobic immersed membrane bioreactor (AnIMBR) treating synthetic dairy wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 22200-22211.	1.0	7
20	Effect of UV-Radiation on the Migration of Vinyl Chloride Monomer from Unplasticized PVC Pipes. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2004, 39, 145-157.	1.7	6
21	Utilization of Municipal Organic Solid Waste for Production of Activated Carbon in Saudi Arabia. <i>Arabian Journal for Science and Engineering</i> , 2018, 43, 3585-3599.	3.0	6
22	Removal of Lead and Copper from Contaminated Mixed Clay Soils Using Pulsed Electrokinetics. <i>Soil and Sediment Contamination</i> , 2020, 29, 465-480.	1.9	6
23	Sulfamic acid functionalized slag for effective removal of organic dye and toxic metal from the aqueous samples. <i>Chinese Journal of Chemical Engineering</i> , 2021, 33, 306-318.	3.5	6
24	Performance of constant-flux immersed UF membrane treating petroleum refinery wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 8608-8618.	1.0	4
25	Effect of presence of chemical species on removal of phenol in electrocoagulation process. <i>Desalination and Water Treatment</i> , 0, , 1-11.	1.0	3
26	Integrated Disposal Scheme of Heavy Fuel Oil Flyash in Saudi Arabia. <i>Arabian Journal for Science and Engineering</i> , 2016, 41, 3911-3921.	1.1	3
27	Biokinetic coefficients of anaerobic immersed membrane bioreactor (AnIMBR) treating dairy wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 28600-28609.	1.0	1
28	Adsorption of Biogenic Amines from Synthetic and Real Wastewater using a Zwitterion-Functionalized Blast Furnace Slag. <i>Clean - Soil, Air, Water</i> , 2021, 49, 2100158.	1.1	1
29	Degradation Kinetics and Mechanism of Polychloromethanes Reduction at Co-MoS ₂ /Graphite Felt Electrode. <i>Catalysts</i> , 2021, 11, 929.	3.5	0