

Mohammed A Kadhom

List of Publications by Year in descending order

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32
papers

996
citations

567281

15
h-index

454955

30
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32
all docs

32
docs citations

32
times ranked

1013
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-organic frameworks (MOFs) in water filtration membranes for desalination and other applications. <i>Applied Materials Today</i> , 2018, 11, 219-230.	4.3	196
2	Removal of heavy metals from wastewater using agricultural byproducts. <i>Journal of Water Supply: Research and Technology - AQUA</i> , 2020, 69, 99-112.	1.4	139
3	Removal of dyes by agricultural waste. <i>Sustainable Chemistry and Pharmacy</i> , 2020, 16, 100259.	3.3	93
4	Thin Film Nanocomposite Membrane Filled with Metal-Organic Frameworks UiO-66 and MIL-125 Nanoparticles for Water Desalination. <i>Membranes</i> , 2017, 7, 31.	3.0	85
5	Competitive adsorption of As(III) and As(V) onto chitosan/diatomaceous earth adsorbent. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103407.	6.7	54
6	Thin film nanocomposite membranes filled with bentonite nanoparticles for brackish water desalination: A novel water uptake concept. <i>Microporous and Mesoporous Materials</i> , 2019, 279, 82-91.	4.4	41
7	Effect of COVID-19 on air quality and pollution in different countries. <i>Journal of Transport and Health</i> , 2021, 21, 101061.	2.2	41
8	A Thin Film Nanocomposite Membrane with MCM-41 Silica Nanoparticles for Brackish Water Purification. <i>Membranes</i> , 2016, 6, 50.	3.0	32
9	Performance of 2D MXene as an adsorbent for malachite green removal. <i>Chemosphere</i> , 2022, 290, 133256.	8.2	32
10	Synthesis of high-performance thin film composite (TFC) membranes by controlling the preparation conditions: Technical notes. <i>Journal of Water Process Engineering</i> , 2019, 30, 100542.	5.6	29
11	Role of Cellulose Micro and Nano Crystals in Thin Film and Support Layer of Nanocomposite Membranes for Brackish Water Desalination. <i>Membranes</i> , 2019, 9, 101.	3.0	28
12	Simultaneous Removal of Cu(II), Cd(II), and Industrial Dye onto a Composite Chitosan Biosorbent. <i>Journal of Polymers and the Environment</i> , 2020, 28, 354-365.	5.0	27
13	Aldol condensation reaction of acetone on MgO nanoparticles surface: An in-situ drift investigation. <i>Molecular Catalysis</i> , 2021, 501, 111333.	2.0	23
14	Thin film nanocomposite membranes filled with MCM-41 and SBA-15 nanoparticles for brackish water desalination via reverse osmosis. <i>Environmental Technology and Innovation</i> , 2020, 20, 101101.	6.1	21
15	Preparation of thin-film composite membranes supported with electrospun nanofibers for desalination by forward osmosis. <i>Drinking Water Engineering and Science</i> , 2020, 13, 51-57.	0.8	21
16	Physico-Chemical Processes. <i>Water Environment Research</i> , 2017, 89, 974-1028.	2.7	17
17	A Surface Morphological Study, Poly(Vinyl Chloride) Photo-Stabilizers Utilizing Ibuprofen Tin Complexes against Ultraviolet Radiation. <i>Surfaces</i> , 2020, 3, 579-593.	2.3	16
18	Preparation of functionalised UiO-66 metal-organic frameworks (MOFs) nanoparticles using deep eutectic solvents as a benign medium. <i>Micro and Nano Letters</i> , 2020, 15, 1075-1078.	1.3	15

#	ARTICLE	IF	CITATIONS
19	A Process for the Synthesis and Use of Highly Aromatic Organosilanes as Additives for Poly(Vinyl) Tj ETQq1 1 0.784314 rgBT /Overloc	2.8	14
20	Flexible design and operation of multi-stage reverse osmosis desalination process for producing different grades of water with maintenance and cleaning opportunity. Chemical Engineering Research and Design, 2022, 182, 525-543.	5.6	14
21	Enhancing Optical Properties of Modified PVC and Cr2O3 Nanocomposite. Transactions on Electrical and Electronic Materials, 2021, 22, 317-327.	1.9	13
22	Tetra Schiff Bases as Polyvinyl Chloride Thermal Stabilizers. Chemistry, 2021, 3, 288-295.	2.2	12
23	Thermal Conductivity of Room Temperature Deep Eutectic Solvents. Journal of Thermal Science, 2021, 30, 1960-1972.	1.9	8
24	Competitive Adsorption of Pb(II) and Phenol Onto Modified Chitosan/Vermiculite Adsorbents. Journal of Polymers and the Environment, 2022, 30, 4238-4251.	5.0	6
25	Short-Cut Nitrification of Iraqi Municipal Wastewater for Nitrogen Removal in a Single Reactor. IOP Conference Series: Materials Science and Engineering, 2019, 518, 022024.	0.6	5
26	Fabrication of Highly Photostable Polystyrene Films Embedded with Organometallic Complexes. Polymers, 2022, 14, 1024.	4.5	4
27	In COVID-19 time, how to protect myself and others? a review. Jurnal Biomedika Dan Kesehatan, 2020, 3, 153-158.	0.3	3
28	Tin(IV) Compounds as Photo-Stabilizers for Irradiated Surfaces of Poly(Vinyl Chloride) Films. Surfaces, 2021, 4, 279-292.	2.3	2
29	A clinical-statistical study on COVID-19 infection and death status at the Alshifaa Healthcare Center/ Baghdad. Baghdad Journal of Biochemistry and Applied Biological Sciences, 2021, 2, 218-229.	0.9	2
30	Effect of polymer substrate on the performance of thin-film composite nanofiltration membranes. International Journal of Polymer Analysis and Characterization, 0, , 1-10.	1.9	2
31	Physisorption theory of surface area and porosity determination: A short review. AIP Conference Proceedings, 2022, , .	0.4	1
32	Modified PVC as adsorbent for methyl orange dye removable. AIP Conference Proceedings, 2022, , .	0.4	0