

Mohamed A Hassaan

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

825
citations

623734

14
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docs citations

37
times ranked

534
citing authors

#	ARTICLE	IF	CITATIONS
1	The use of biochar-NH ₂ produced from watermelon peels as a natural adsorbent for the removal of Cu(II) ion from water. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 1975-1991.	4.6	17
2	Biosorption of acid brown 14 dye to mandarin-CO-TETA derived from mandarin peels. <i>Biomass Conversion and Biorefinery</i> , 2024, 14, 5053-5073.	4.6	13
3	Degradation mechanism of Direct Red 23 dye by advanced oxidation processes: a comparative study. <i>Toxin Reviews</i> , 2022, 41, 38-47.	3.4	19
4	Eco-friendly biogas production from algal biomass. , 2022, , 225-249.		0
5	Algal biomass for bioethanol and biobutanol production. , 2022, , 251-279.		2
6	Pesticides removal techniques from the aquatic environment. , 2022, , 483-516.		0
7	The Use of Mandarin-Biochar-O ₃ -TETA (MBT) Produced from Mandarin Peels as a Natural Adsorbent for the Removal of Acid Red 35 (AR35) Dye from Water. <i>Environmental Processes</i> , 2022, 9, .	3.5	18
8	Advanced oxidation of acid yellow 11 dye; detoxification and degradation mechanism. <i>Toxin Reviews</i> , 2021, 40, 1472-1480.	3.4	17
9	Enhancement of biogas production via green ZnO nanoparticles: experimental results of selected herbaceous crops. <i>Chemical Engineering Communications</i> , 2021, 208, 242-255.	2.6	31
10	Green Synthesis and Application of Metal and Metal Oxide Nanoparticles. , 2021, , 831-857.		0
11	Applications of Photochemical Oxidation in Textile Industry. , 2021, , 1-30.		1
12	Green Synthesis and Application of Metal and Metal Oxide Nanoparticles. , 2021, , 1-27.		2
13	Micro and Nanoplastics analysis: Focus on their classification, sources, and impacts in marine environment. <i>Regional Studies in Marine Science</i> , 2021, 42, 101625.	0.7	15
14	Enhancement of Biogas Production from Macroalgae <i>Ulva latuca</i> via Ozonation Pretreatment. <i>Energies</i> , 2021, 14, 1703.	3.1	26
15	Chemical mitigation technology for wax deposition in submarine oil pipeline systems. <i>Egyptian Journal of Chemistry</i> , 2021, .	0.2	2
16	Efficiency of Fe ₃ O ₄ Nanoparticles with Different Pretreatments for Enhancing Biogas Yield of Macroalgae <i>Ulva intestinalis</i> Linnaeus. <i>Molecules</i> , 2021, 26, 5105.	3.8	29
17	Synthesis, Characterization, and Synergistic Effects of Modified Biochar in Combination with $\hat{\pm}$ -Fe ₂ O ₃ NPs on Biogas Production from Red Algae <i>Pterocladia capillacea</i> . <i>Sustainability</i> , 2021, 13, 9275.	3.2	19
18	Applications of Photochemical Oxidation in Textile Industry. , 2021, , 1975-2003.		1

#	ARTICLE	IF	CITATIONS
19	Classification and identification of different minerals in the Mediterranean sediments using PSA, FTIR, and XRD techniques. <i>Marine Pollution Bulletin</i> , 2021, 173, 113070.	5.0	13
20	Ballast Water Definition, Components, Aquatic Invasive Species, Control and Management and Treatment Technologies. <i>Environmental Chemistry for A Sustainable World</i> , 2021, , 289-304.	0.5	1
21	Pesticides pollution: Classifications, human health impact, extraction and treatment techniques. <i>Egyptian Journal of Aquatic Research</i> , 2020, 46, 207-220.	2.2	265
22	Techno-Economic Analysis of ZnO Nanoparticles Pretreatments for Biogas Production from Barley Straw. <i>Energies</i> , 2020, 13, 5001.	3.1	25
23	Highly crystalline heterogeneous catalyst synthesis from industrial waste for sustainable biodiesel production. <i>Egyptian Journal of Chemistry</i> , 2019, .	0.2	6
24	Photocatalytic degradation of reactive black 5 using Photo-Fenton and ZnO nanoparticles under UV irradiation. <i>Egyptian Journal of Chemistry</i> , 2019, .	0.2	11
25	The impact of maritime activities on the leachable heavy metals in the seafloor sediments of Port Tawfiq and Tersana harbours, Gulf of Suez, Egypt. <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , 2019, 22, 523-536.	0.4	1
26	Advanced Oxidation Process (AOP) for Detoxification of Acid Red 17 Dye Solution and Degradation Mechanism. <i>Environmental Processes</i> , 2018, 5, 95-113.	3.5	40
27	Effects of Ultrasound and Green Synthesis ZnO Nanoparticles on Biogas Production from Olive Pomace. <i>Energy Procedia</i> , 2018, 148, 940-947.	1.8	29
28	Green Synthesis of Ag and Au Nanoparticles from Micro and Macro Algae - Review. <i>International Journal of Atmospheric and Oceanic Sciences</i> , 2018, 2, 10.	0.3	15
29	Evaluation of some leachable heavy metals in the Seafloor sediments of the two navigation Harbours El Zaitiya and Adabiya, Gulf of Suez, Egypt. <i>Egyptian Journal of Aquatic Biology and Fisheries</i> , 2018, 22, 77-92.	0.4	5
30	Advanced oxidation processes of Mordant Violet 40 dye in freshwater and seawater. <i>Egyptian Journal of Aquatic Research</i> , 2017, 43, 1-9.	2.2	52
31	Testing the advanced oxidation processes on the degradation of Direct Blue 86 dye in wastewater. <i>Egyptian Journal of Aquatic Research</i> , 2017, 43, 11-19.	2.2	99
32	Estimation of the Redox Potential of Lake Mariut Drainage System (Qalaa and Umum Drains). <i>Hydrology</i> , 2017, 5, 82.	0.6	3
33	Towards Potential Removal of Malachite Green from Wastewater: Adsorption Process Optimization and Prediction. <i>Materials Science Forum</i> , 0, 1008, 213-221.	0.3	6
34	Dual action of both green and chemically synthesized zinc oxide nanoparticles: antibacterial activity and removal of Congo red dye. , 0, 218, 423-435.		16
35	Ocean Literacy across the Mediterranean Sea basin: Evaluating Middle School Studentsâ€™ Knowledge, Attitudes, and Behaviour towards Ocean Sciences Issues. <i>Mediterranean Marine Science</i> , 0, , .	1.6	1
36	Copper(II) ion removal by chemically and physically modified sawdust biochar. <i>Biomass Conversion and Biorefinery</i> , 0, , .	4.6	10

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37	Adsorption of methylene blue (MB) dye on ozone, purified and sonicated sawdust biochars. Biomass Conversion and Biorefinery, 0, , .	4.6	15