

Zahra Ghasemi

List of Publications by Year in descending order

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19
papers

634
citations

567281

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h-index

794594

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19
all docs

19
docs citations

19
times ranked

738
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics and thermodynamics of photocatalytic degradation of organic pollutants in petroleum refinery wastewater over nano-TiO ₂ supported on Fe-ZSM-5. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 65, 357-366.	5.3	85
2	Application of zeolites in aquaculture industry: a review. <i>Reviews in Aquaculture</i> , 2018, 10, 75-95.	9.0	83
3	Preparation, characterization and photocatalytic application of TiO ₂ /Fe-ZSM-5 nanocomposite for the treatment of petroleum refinery wastewater: Optimization of process parameters by response surface methodology. <i>Chemosphere</i> , 2016, 159, 552-564.	8.2	80
4	Preparation and Characterization of Nanozeolite NaA from Rice Husk at Room Temperature without Organic Additives. <i>Journal of Nanomaterials</i> , 2011, 2011, 1-8.	2.7	47
5	Preparation of Free-Template Nanometer-Sized NaA and X Zeolites From Rice Husk Ash. <i>Waste and Biomass Valorization</i> , 2012, 3, 61-74.	3.4	42
6	Synthesis of nanosized ZSM-5 zeolite using extracted silica from rice husk without adding any alumina source. <i>Applied Nanoscience (Switzerland)</i> , 2015, 5, 737-745.	3.1	38
7	Effect of different dietary zinc sources (mineral, nanoparticulate, and organic) on quantitative and qualitative semen attributes of rainbow trout (<i>Oncorhynchus mykiss</i>). <i>Aquaculture</i> , 2020, 515, 734529.	3.5	32
8	Application of integrated ozone and granular activated carbon for decolorization and chemical oxygen demand reduction of vinasse from alcohol distilleries. <i>Journal of Environmental Management</i> , 2016, 170, 28-36.	7.8	30
9	Mangrove-mediated synthesis of silver nanoparticles using native <i>Avicennia marina</i> plant extract from southern Iran. <i>Chemical Engineering Communications</i> , 2018, 205, 1069-1076.	2.6	26
10	Synthesis, characterization and photocatalytic application of Ag-doped Fe-ZSM-5@TiO ₂ nanocomposite for degradation of reactive red 195 (RR 195) in aqueous environment under sunlight irradiation. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 219-232.	3.0	26
11	The effects of diet supplementation with inorganic and nanoparticulate iron and copper on growth performance, blood biochemical parameters, antioxidant response and immune function of snow trout <i>Schizothorax zarudnyi</i> (Nikolskii, 1897). <i>Aquaculture</i> , 2021, 539, 736638.	3.5	24
12	Green fabrication of Ag/AgCl@TiO ₂ superior plasmonic nanocomposite: Biosynthesis, characterization and photocatalytic activity under sunlight. <i>Journal of Alloys and Compounds</i> , 2020, 841, 155593.	5.5	22
13	Biosynthesis of Silver Nanoparticles from the Mangrove <i>Rhizophora mucronata</i> : Its Characterization and Antibacterial Potential. <i>Iranian Journal of Science and Technology, Transaction A: Science</i> , 2019, 43, 2163-2171.	1.5	21
14	Kinetics and thermodynamic studies of Cr(VI) adsorption using environmental friendly multifunctional zeolites synthesized from coal fly ash under mild conditions. <i>Chemical Engineering Communications</i> , 2020, 207, 808-825.	2.6	18
15	Synthesis of nanozeolite sodalite from rice husk ash without organic additives. <i>Canadian Journal of Chemical Engineering</i> , 2011, 89, 601-608.	1.7	17
16	Single-step biosynthesis of Ag/AgCl@TiO ₂ plasmonic nanocomposite with enhanced visible light photoactivity through aqueous leaf extract of a mangrove tree. <i>Applied Nanoscience (Switzerland)</i> , 2020, 10, 507-516.	3.1	15
17	Degradation of UV-filter Benzophenon-3 in aqueous solution using TiO ₂ coated on quartz tubes. <i>Journal of Environmental Health Science & Engineering</i> , 2018, 16, 213-228.	3.0	14
18	Toxicity of TiO ₂ nanoparticles to the marine microalga <i>Chaetoceros muelleri</i> Lemmermann, 1898 under long-term exposure. <i>Environmental Science and Pollution Research</i> , 2022, 29, 30427-30440.	5.3	8

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19	<i>Avicennia marina</i> mediated synthesis of TiO ₂ nanoparticles: its antibacterial potential against some aquatic pathogens. <i>Inorganic and Nano-Metal Chemistry</i> , 2021, 51, 1775-1785.	1.6	6