Nourollah Mirghaffari

List of Publications by Year
in descending order

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32 papers	1,195 citations	393982 19 h-index	454577 30 g-index
32 all docs	32 docs citations	32 times ranked	1751 citing authors

#	Article	IF	Citations
1	Removal of organic pollutants from produced water by batch adsorption treatment. Clean Technologies and Environmental Policy, 2022, 24, 713-720.	2.1	33
2	Pretreatment of lignocellulosic waste as a precursor for synthesis of high porous activated carbon and its application for Pb (II) and Cr (VI) adsorption from aqueous solutions. International Journal of Biological Macromolecules, 2021, 180, 299-310.	3.6	40
3	Coexistence of reactive functional groups at the interface of a powdered activated amorphous carbon: a molecular view. Molecular Physics, 2021, 119, .	0.8	3
4	Adsorption and photocatalytic removal of SO2 using natural and synthetic zeolites-supported TiO2 in a solar parabolic trough collector. Journal of Cleaner Production, 2021, 310, 127376.	4.6	20
5	Photocatalytic degradation of acetaminophen and codeine medicines using a novel zeolite-supported TiO2 and ZnO under UV and sunlight irradiation. Environmental Science and Pollution Research, 2020, 27, 26929-26942.	2.7	28
6	A novel post-modification of powdered activated carbon prepared from lignocellulosic waste through thermal tension treatment to enhance the porosity and heavy metals adsorption. Powder Technology, 2020, 366, 358-368.	2.1	65
7	Occurrence and depositional history of organochlorine pesticides in the sediments of the Zayandehrud River in the arid region of Central Iran. Chemosphere, 2020, 255, 126847.	4.2	12
8	Removal of phenol and phosphate from aqueous solutions using activated carbons prepared from oily sludge through physical and chemical activation. Water Science and Technology, 2019, 80, 575-586.	1.2	19
9	Preparation and characterization of novel bio ion exchanger from medicinal herb waste (chicory) for the removal of Pb2+ and Cd2+ from aqueous solutions. Journal of Water Process Engineering, 2019, 28, 88-99.	2.6	29
10	Phenol adsorption on high microporous activated carbons prepared from oily sludge: equilibrium, kinetic and thermodynamic studies. Scientific Reports, 2019, 9, 19352.	1.6	151
11	Photocatalytic removal of SO2 using natural zeolite modified by TiO2 and polyoxypropylene surfactant. Environmental Science and Pollution Research, 2019, 26, 16877-16886.	2.7	13
12	Evaluating the statistical performance of less applied algorithms in classification of worldview-3 imagery data in an urbanized landscape. Advances in Space Research, 2018, 61, 1558-1572.	1.2	9
13	Preparation of nanoparticle-modified polymeric adsorbent using wastage fuzzes of mechanized carpet and its application in dye removal from aqueous solution. Journal of Cleaner Production, 2018, 178, 373-383.	4.6	27
14	Characterization of barley straw biochar produced in various temperatures and its effect on lead and cadmium removal from aqueous solutions. Water and Environment Journal, 2018, 32, 125-133.	1.0	26
15	The use of steel slags in the heterogeneous Fenton process for decreasing the chemical oxygen demand of oil refinery wastewater. Water Science and Technology, 2018, 78, 1159-1167.	1.2	11
16	Comparative study on adsorption of crude oil and spent engine oil from seawater and freshwater using algal biomass. Environmental Science and Pollution Research, 2018, 25, 21024-21035.	2.7	23
17	Bentonite surface modification and characterization for high selective phosphate adsorption from aqueous media and its application for wastewater treatments. Journal of Water Reuse and Desalination, 2017, 7, 175-186.	1.2	31
18	Cadmium removal from aqueous solutions using pyrolyzed activated sludge of petroleum refining industry. , 2017, , .		0

#	Article	IF	Citations
19	Efficiency of activated carbon prepared from mixed oily sludge and lignocellulosic waste for furfural adsorption from aqueous solutions. , 2017, , .		0
20	Determining Air Pollution Potential Using Geographic Information Systems and Multi-criteria Evaluation: A Case Study in Isfahan Province in Iran. Environmental Processes, 2016, 3, 229-246.	1.7	22
21	Removal of three and hexavalent chromium from aqueous solutions using a microalgae biomassâ€derived biosorbent. Environmental Progress and Sustainable Energy, 2015, 34, 949-956.	1.3	39
22	A preliminary study of the preparation of porous carbon from oil sludge for water treatment by simple pyrolysis or KOH activation. New Carbon Materials, 2015, 30, 310-318.	2.9	38
23	Optimization and Comparison of Cd Removal from Aqueous Solutions Using Activated and Non-activated Carbonaceous Adsorbents Prepared by Pyrolysis of Oily Sludge. Water, Air, and Soil Pollution, 2015, 226, 1.	1.1	14
24	Performance Comparison of Raw and Thermal Modified Rice Husk for Decontamination of Oil Polluted Water. Clean - Soil, Air, Water, 2015, 43, 182-190.	0.7	12
25	Biosorption of Cd and Pb ions from aqueous solutions by biomass of the green microalga, Scenedesmus quadricauda. Journal of Applied Phycology, 2015, 27, 311-320.	1.5	66
26	Adsorption of crude and engine oils from water using raw rice husk. Water Science and Technology, 2014, 69, 947-952.	1.2	13
27	Removal of Phosphate from Aqueous Solutions Using a New Modified Bentonite-Derived Hydrogel. Water, Air, and Soil Pollution, 2014, 225, 1.	1.1	11
28	Biological assessment of the Zayandeh Rud River, Iran, using benthic macroinvertebrates. Limnologica, 2010, 40, 226-232.	0.7	39
29	Water quality assessment in an arid region using a water quality index. Water Science and Technology, 2009, 60, 2319-2327.	1.2	26
30	Lifestyle and environmental factors associated with inflammation, oxidative stress and insulin resistance in children. Atherosclerosis, 2009, 203, 311-319.	0.4	224
31	Modification of rice hull and sawdust sorptive characteristics for remove heavy metals from synthetic solutions and wastewater. Journal of Hazardous Materials, 2008, 154, 451-458.	6.5	106
32	Removal and recycling of copper from aqueous solutions using treated Indian barks. Resources, Conservation and Recycling, 1997, 21, 227-245.	5.3	45