

Mansur Zarrabi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28
papers

1,183
citations

19
h-index

29
g-index

29
ext. papers

1,364
ext. citations

5.6
avg, IF

4.69
L-index

#	Paper	IF	Citations
28	A high density 3-aminopropyltriethoxysilane grafted pumice-derived silica aerogel as an efficient adsorbent for ibuprofen: Characterization and optimization of the adsorption data using response surface methodology. <i>Environmental Technology and Innovation</i> , 2020 , 18, 100642	7	17
27	Simultaneous adsorption of tetracycline, amoxicillin, and ciprofloxacin by pistachio shell powder coated with zinc oxide nanoparticles. <i>Arabian Journal of Chemistry</i> , 2020 , 13, 4629-4643	5.9	59
26	Dataset for adsorptive removal of tetracycline (TC) from aqueous solution via natural light weight expanded clay aggregate (LECA) and LECA coated with manganese oxide nanoparticles in the presence of HO. <i>Data in Brief</i> , 2019 , 22, 676-686	1.2	13
25	What can the use of well-defined statistical functions of pollutants sorption kinetics teach us? A case study of cyanide sorption onto LTA zeolite nanoparticles. <i>Environmental Technology and Innovation</i> , 2018 , 10, 46-54	7	11
24	An overview report on the application of heteropoly acids on supporting materials in the photocatalytic degradation of organic pollutants from aqueous solutions. <i>PeerJ</i> , 2018 , 6, e5501	3.1	5
23	Removal of cyanide using surface-modified Linde Type-A zeolite nanoparticles as an efficient and eco-friendly material. <i>Journal of Water Process Engineering</i> , 2018 , 21, 44-51	6.7	37
22	Effective reduction of metronidazole over the cryptomelane-type manganese oxide octahedral molecular sieve (K-OMS-2) catalyst: facile synthesis, experimental design and modeling, statistical analysis, and identification of by-products. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 34164-34180	5.1	12
21	Using natural clinoptilolite zeolite as an amendment in vermicomposting of food waste. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 23045-23054	5.1	6
20	Enhancement of the adsorption capacity of the light-weight expanded clay aggregate surface for the metronidazole antibiotic by coating with MgO nanoparticles: Studies on the kinetic, isotherm, and effects of environmental parameters. <i>Chemosphere</i> , 2017 , 175, 8-20	8.4	61
19	Kinetic modeling of antibiotic adsorption onto different nanomaterials using the Brouers-Sotolongo fractal equation. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 4048-4057	5.1	33
18	Health risk assessment of heavy metal intake due to fish consumption in the Sistan region, Iran. <i>Environmental Monitoring and Assessment</i> , 2017 , 189, 583	3.1	71
17	Adsorption performance of magnesium/aluminum layered double hydroxide nanoparticles for metronidazole from aqueous solution. <i>Arabian Journal of Chemistry</i> , 2017 , 10, 611-623	5.9	71
16	Improvement of zeolite adsorption capacity for cephalexin by coating with magnetic Fe ₃ O ₄ nanoparticles. <i>Journal of Molecular Liquids</i> , 2016 , 218, 615-624	6	98
15	Removal of Tetracycline Antibiotic From Aqueous Solutions Using Modified Pumice With Magnesium Chloride. <i>Jentashapir Journal of Health Research</i> , 2016 , In Press,	0.8	4
14	Intercalation of tetracycline in nano sheet layered double hydroxide: An insight into UV/VIS spectra analysis. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016 , 63, 271-285	5.3	54
13	Adsorption of cephalexin from aqueous solution using natural zeolite and zeolite coated with manganese oxide nanoparticles. <i>Journal of Molecular Liquids</i> , 2015 , 211, 431-441	6	114
12	Trends of natural and acid-engineered pumice onto phosphorus ions in aquatic environment: adsorbent preparation, characterization, and kinetic and equilibrium modeling. <i>Desalination and Water Treatment</i> , 2015 , 54, 3031-3043		30

11	Synthesis of nanosheet layered double hydroxides at lower pH: Optimization of hardness and sulfate removal from drinking water samples. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014 , 45, 2786-2800	5.3	30
10	Defluoridation of water via Light Weight Expanded Clay Aggregate (LECA): Adsorbent characterization, competing ions, chemical regeneration, equilibrium and kinetic modeling. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014 , 45, 1821-1834	5.3	33
9	Potential of waste pumice and surface modified pumice for hexavalent chromium removal: Characterization, equilibrium, thermodynamic and kinetic study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2014 , 45, 635-647	5.3	76
8	Post-treatment of secondary wastewater treatment plant effluent using a two-stage fluidized bed bioreactor system. <i>Journal of Environmental Health Science & Engineering</i> , 2013 , 11, 10	2.9	13
7	Retention of phosphorous ions on natural and engineered waste pumice: Characterization, equilibrium, competing ions, regeneration, kinetic, equilibrium and thermodynamic study. <i>Applied Surface Science</i> , 2013 , 284, 419-431	6.7	49
6	Modeling of adsorption of toxic chromium on natural and surface modified lightweight expanded clay aggregate (LECA). <i>Applied Surface Science</i> , 2013 , 287, 428-442	6.7	54
5	Surface modification of pumice enhancing its fluoride adsorption capacity: An insight into kinetic and thermodynamic studies. <i>Chemical Engineering Journal</i> , 2013 , 228, 192-204	14.7	93
4	Removal of hardness agents, calcium and magnesium, by natural and alkaline modified pumice stones in single and binary systems. <i>Applied Surface Science</i> , 2013 , 274, 295-305	6.7	79
3	Removal of Cr (III) from model solutions and a real effluent by <i>Phanerochaete chrysosporium</i> isolated living microorganism: equilibrium and kinetics. <i>Desalination and Water Treatment</i> , 2013 , 51, 5627-5637 ⁵		
2	Application of acidic treated pumice as an adsorbent for the removal of azo dye from aqueous solutions: kinetic, equilibrium and thermodynamic studies. <i>Iranian Journal of Environmental Health Science & Engineering</i> , 2012 , 9, 9		29
1	Removal of CR (III) from model solutions by isolated <i>Aspergillus niger</i> and <i>Aspergillus oryzae</i> living microorganisms: Equilibrium and kinetic studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2012 , 43, 420-427	5.3	26