

Mansur Zarrabi

List of Publications by Citations

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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	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
27	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
26	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
25	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
24	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
23	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
22	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
21	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
20	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
19	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
18	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
17	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
16	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
15	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
14	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
13	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
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	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
10	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
9	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
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	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
6	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
5	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
4	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
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	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
1	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