

Mohammad Mezbaul Alam

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.

8

papers

545

citations

7

h-index

8

g-index

8

ext. papers

618

ext. citations

4.2

avg, IF

3.53

L-index

#	Paper	IF	Citations
8	Adsorption kinetics, isotherms, and thermodynamic studies for the adsorption of Pb ²⁺ and Hg ²⁺ metal ions from aqueous medium using Ti(IV) iodovanadate cation exchanger. <i>Ionics</i> , 2015 , 21, 2237-2245	2.7	209
7	Sol-gel synthesis of thorn-like ZnO nanoparticles endorsing mechanical stirring effect and their antimicrobial activities: Potential role as nano-antibiotics. <i>Scientific Reports</i> , 2016 , 6, 27689	4.9	190
6	Heavy toxic metal ion exchange kinetics: Validation of ion exchange process on composite cation exchanger nylon 6,6 Zr(IV) phosphate. <i>Journal of Industrial and Engineering Chemistry</i> , 2013 , 19, 956-960	6.3	54
5	Synthesis of sodium dodecyl sulfate-supported nanocomposite cation exchanger: removal and recovery of Cu ²⁺ from synthetic, pharmaceutical and alloy samples. <i>Journal of the Iranian Chemical Society</i> , 2015 , 12, 1677-1686	2	35
4	Analytical and environmental applications of polyaniline Sn(IV) tungstoarsenate and polypyrrole polyantimonic acid composite cation-exchangers. <i>Journal of Industrial and Engineering Chemistry</i> , 2013 , 19, 1973-1980	6.3	22
3	Evaluation of heavy metal kinetics through pyridine based Th(IV) phosphate composite cation exchanger using particle diffusion controlled ion exchange phenomenon. <i>Journal of Industrial and Engineering Chemistry</i> , 2014 , 20, 705-709	6.3	19
2	Synthesis, Characterization, Drug Solubility Enhancement, and Drug Release Study of Poly(Methacrylic Acid-graft-Simvastatin). <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015 , 64, 229-241	3	9
1	Miscibility enhancement of poly(vinyl chloride)/polystyrene blend: Application to membrane separation of benzene from benzene/cyclohexane mixture by pervaporation. <i>Separation Science and Technology</i> , 2016 , 51, 2440-2454	2.5	7