Anupkumar Bhaskarapillai

List of Publications by Year in Descending Order

21 papers	483 citations	10 h-index	21 g-index
21 ext. papers	535 ext. citations	6.2 avg, IF	4.25 L-index

#	Paper	IF	Citations
21	Crosslinked poly(ionic liquid)s as selective receptors for Cr(VI) - Counter anion effect and application in treating drinking water and tannery effluents. *Chemosphere*, **2022**, 286, 131922	8.4	1
20	Speciality Commercial Ion Exchange Resins for Use in Nuclear Industries for Antimony Removal: A Systematic Study. *Journal of Hazardous Materials Advances*, **2022**, 100087		
19	New insight into the role of crosslinkers and composition on selectivity and kinetics of antimony uptake by chitosan-titania composite beads. *SN Applied Sciences*, **2021**, 3, 1	1.8	3
18	Antimony, a pollutant of emerging concern: A review on industrial sources and remediation technologies. *Chemosphere*, **2021**, 277, 130252	8.4	22
17	Organic acids modify the binding selectivity of crosslinked poly(ionic liquid) between Sb(III) and Sb(V). *Materials Today Communications*, **2020**, 25, 101507	2.5	2
16	Synthesis of a crosslinked poly(ionic liquid) and evaluation of its antimony binding properties. *Journal of Hazardous Materials*, **2020**, 384, 121481	12.8	12
15	Crosslinked poly(1-butyl-3-vinylimidazolium bromide): a super efficient receptor for the removal and storage of iodine from solution and vapour phases. *New Journal of Chemistry*, **2019**, 43, 1117-1121	3.6	8
14	Removal of Antimony over Nano Titania Impregnated Epichlorohydrin-Crosslinked Chitosan Beads from a Typical Decontamination Formulation. *Nuclear Technology*, **2017**, 197, 88-98	1.4	8
13	Enhancing the antimony sorption properties of nano titania-chitosan beads using epichlorohydrin as the crosslinker. *Journal of Hazardous Materials*, **2017**, 334, 160-167	12.8	34
12	Towards finding an efficient sorbent for antimony: comparative investigations on antimony removal properties of potential antimony sorbents. *International Journal of Environmental Science and Technology*, **2017**, 14, 777-784	3.3	8
11	Exopolymer produced by Pseudomonas aeruginosa: A super sorbent for ruthenium. *Separation Science and Technology*, **2016**, 1-6	2.5	
10	Nano-titania-crosslinked chitosan composite as a superior sorbent for antimony (III) and (V). *Carbohydrate Polymers*, **2014**, 108, 169-75	10.3	39
9	A comparative investigation of copper and cobalt imprinted polymers: evidence for retention of the solution-state metal ion–ligand complex stoichiometry in the imprinted cavities. *RSC Advances*, **2013**, 3, 13178	3.7	8
8	Cobalt (II) imprinted chitosan for selective removal of cobalt during nuclear reactor decontamination. *Carbohydrate Polymers*, **2012**, 87, 2690-2696	10.3	93
7	High temperature dissolution of oxides in complexing media. *Journal of Nuclear Materials*, **2011**, 419, 39-45	3.3	9
6	Sorption behaviour of Co(II) and Cu(II) on chitosan in presence of nitrilotriacetic acid. *Journal of Hazardous Materials*, **2011**, 191, 110-7	12.8	14
5	Theoretical investigations of the experimentally observed selectivity of a cobalt imprinted polymer. *Biosensors and Bioelectronics*, **2009**, 25, 558-62	11.8	14

4	Synthesis and Characterization of Imprinted Polymers for Radioactive Waste Reduction. *Industrial & Engineering Chemistry Research*, **2009**, 48, 3730-3737	3.9	44
3	Pitting corrosion of titanium by a freshwater strain of sulphate reducing bacteria (Desulfovibrio vulgaris). *Corrosion Science*, **2005**, 47, 1071-1084	6.8	74
2	Impact of thermal discharge from a tropical coastal power plant on phytoplankton. *Journal of Thermal Biology*, **2005**, 30, 307-316	2.9	81
1	Thermal mapping in the Kalpakkam Coast (Bay of Bengal) in the vicinity of Madras atomic power station. *International Journal of Environmental Studies*, **2005**, 62, 473-485	1.8	9