

Sanjaya Kumar Swain

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Synthesis of nanostructured copper oxide loaded boehmite (CuO_Boehmite) for adsorptive removal of As(III/IV) from aqueous solution. <i>Journal of Water Process Engineering</i> , 2020, 37, 101506.	2.6	16
2	Enhanced performance of a core-shell structured Fe(O) ₂ @Fe oxide and Mn(O) ₂ @Mn oxide (ZVIM) nanocomposite towards remediation of arsenic contaminated drinking water. <i>Journal of Materials Chemistry A</i> , 2020, 8, 4318-4333.	5.2	40
3	Exploring Nanostructured Zr/Cu Composite Oxide (NZCO) as an Efficient Adsorbent for Removal of As(III) and As(V) from Aqueous Solution. <i>ChemistrySelect</i> , 2019, 4, 5925-5936.	0.7	2
4	Core-shell structured zero-valent manganese (ZVM): a novel nanoadsorbent for efficient removal of As(III) and As(V) from drinking water. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9933-9947.	5.2	47
5	Pea (<i>Pisum sativum</i> L.) peel waste carbon loaded with zirconium: study of kinetics, thermodynamics and mechanism of fluoride adsorption. <i>Separation Science and Technology</i> , 2019, 54, 2194-2211.	1.3	8
6	Development of aluminum and zirconium based xerogel for defluoridation of drinking water: Study of material properties, solution kinetics and thermodynamics. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 6231-6242.	3.3	5
7	Synthesis and characterization of new shellac-hydroxypropylmethylcellulose composite for pharmaceutical applications. <i>Polymer Bulletin</i> , 2017, 74, 3467-3485.	1.7	15
8	Development of new zirconium loaded shellac for defluoridation of drinking water: Investigations of kinetics, thermodynamics and mechanistic aspects. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 4263-4274.	3.3	11
9	Fluoride sorption by zirconium (IV) loaded carboxylated orange peel. <i>Desalination and Water Treatment</i> , 2015, 53, 2144-2157.	1.0	18
10	Evaluation of Phosphate Removal Efficiency from Aqueous Solution by Polypyrrole/BOF Slag Nanocomposite. <i>Separation Science and Technology</i> , 2014, 49, 2668-2680.	1.3	19
11	Stabilization of a Clayey Soil with Fly Ash and Lime: A Micro Level Investigation. <i>Geotechnical and Geological Engineering</i> , 2012, 30, 1197-1205.	0.8	179
12	Hydrogeochemical processes controlling the high fluoride concentration in groundwater: a case study at the Boden block area, Orissa, India. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 3279-3291.	1.3	41
13	Development of a New Inorganic-Organic Hybrid Ion-Exchanger of Zirconium(IV)-Propanolamine for Efficient Removal of Fluoride from Drinking Water. <i>Industrial & Engineering Chemistry Research</i> , 2010, 49, 9846-9856.	1.8	33
14	Removal of Fluoride from Aqueous Solution Using Aluminum-Impregnated Chitosan Biopolymer. <i>Separation Science and Technology</i> , 2009, 44, 2096-2116.	1.3	80