

Sadananda Das

List of Publications by Year in descending order

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19
papers

710
citations

758635

12
h-index

794141

19
g-index

19
all docs

19
docs citations

19
times ranked

699
citing authors

#	ARTICLE	IF	CITATIONS
1	Strategies toward the Synthesis of Advanced Functional Sorbent Performance for Uranium Uptake from Seawater. <i>Industrial & Engineering Chemistry Research</i> , 2021, 60, 15037-15044.	1.8	9
2	Spacer Monomer in Polymer Chain Influencing Affinity of Ethylene Glycol Methacrylate Phosphate toward UO_2^{2+} and Pu^{4+} Ions. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 8992-9002.	1.8	12
3	Elution of Uranium and Transition Metals from Amidoxime-Based Polymer Adsorbents for Sequestering Uranium from Seawater. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4313-4320.	1.8	65
4	Characterization and Testing of Amidoxime-Based Adsorbent Materials to Extract Uranium from Natural Seawater. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4285-4293.	1.8	56
5	The Uranium from Seawater Program at the Pacific Northwest National Laboratory: Overview of Marine Testing, Adsorbent Characterization, Adsorbent Durability, Adsorbent Toxicity, and Deployment Studies. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 4264-4277.	1.8	107
6	Poly(ethylene glycol methacrylate phosphate-co-2-acrylamido-2-methyl-1-propane sulfonate) pore-filled substrates for heavy metal ions sorption. <i>Chemical Engineering Journal</i> , 2014, 236, 9-16.	6.6	21
7	Uranium preconcentration from seawater using phosphate functionalized poly(propylene) fibrous membrane. <i>Desalination and Water Treatment</i> , 2012, 38, 114-120.	1.0	23
8	Iron-complexed adsorptive membrane for As(V) species in water. <i>Journal of Hazardous Materials</i> , 2012, 233-234, 131-139.	6.5	14
9	Neck-size distributions of through-pores in polymer membranes. <i>Journal of Membrane Science</i> , 2012, 415-416, 608-615.	4.1	39
10	Matrix supported tailored polymer for solid phase extraction of fluoride from variety of aqueous streams. <i>Journal of Hazardous Materials</i> , 2012, 201-202, 193-201.	6.5	12
11	Solid phase preconcentration and determination of mercury and uranyl ions using an itaconic acid functionalized adsorptive membrane. <i>Analytical Methods</i> , 2011, 3, 2017.	1.3	9
12	Silver nanoparticles embedded polymer sorbent for preconcentration of uranium from bio-aggressive aqueous media. <i>Journal of Hazardous Materials</i> , 2011, 186, 2051-2059.	6.5	41
13	Galvanic reactions involving silver nanoparticles embedded in cation-exchange membrane. <i>Chemical Communications</i> , 2010, 46, 6371.	2.2	10
14	Scintillating adsorptive membrane for preconcentration and determination of anionic radionuclides in aqueous samples. <i>Analytical Methods</i> , 2010, 2, 728.	1.3	11
15	Facilitated transport of europium(III) ions across fixed-site membrane. <i>Journal of Membrane Science</i> , 2009, 342, 113-120.	4.1	11
16	Exchanges of Uranium(VI) Species in Amidoxime-Functionalized Sorbents. <i>Journal of Physical Chemistry B</i> , 2009, 113, 6328-6335.	1.2	104
17	Pore-functionalized polymer membranes for preconcentration of heavy metal ions. <i>Talanta</i> , 2009, 78, 171-177.	2.9	21
18	Adsorptive Preconcentration of Uranium in Hydrogels from Seawater and Aqueous Solutions. <i>Industrial & Engineering Chemistry Research</i> , 2009, 48, 6789-6796.	1.8	45

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19	Chemical aspects of uranium recovery from seawater by amidoximated electron-beam-grafted polypropylene membranes. <i>Desalination</i> , 2008, 232, 243-253.	4.0	100