

# 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	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 &amp; Engineering Chemistry Research</i> , 2016, 55, 4264-4277.	1.8	107
2	Exchanges of Uranium(VI) Species in Amidoxime-Functionalized Sorbents. <i>Journal of Physical Chemistry B</i> , 2009, 113, 6328-6335.	1.2	104
3	Chemical aspects of uranium recovery from seawater by amidoximated electron-beam-grafted polypropylene membranes. <i>Desalination</i> , 2008, 232, 243-253.	4.0	100
4	Elution of Uranium and Transition Metals from Amidoxime-Based Polymer Adsorbents for Sequestering Uranium from Seawater. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 4313-4320.	1.8	65
5	Characterization and Testing of Amidoxime-Based Adsorbent Materials to Extract Uranium from Natural Seawater. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 4285-4293.	1.8	56
6	Adsorptive Preconcentration of Uranium in Hydrogels from Seawater and Aqueous Solutions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2009, 48, 6789-6796.	1.8	45
7	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
8	Neck-size distributions of through-pores in polymer membranes. <i>Journal of Membrane Science</i> , 2012, 415-416, 608-615.	4.1	39
9	Uranium preconcentration from seawater using phosphate functionalized poly(propylene) fibrous membrane. <i>Desalination and Water Treatment</i> , 2012, 38, 114-120.	1.0	23
10	Pore-functionalized polymer membranes for preconcentration of heavy metal ions. <i>Talanta</i> , 2009, 78, 171-177.	2.9	21
11	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
12	Iron-complexed adsorptive membrane for As(V) species in water. <i>Journal of Hazardous Materials</i> , 2012, 233-234, 131-139.	6.5	14
13	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
14	Spacer Monomer in Polymer Chain Influencing Affinity of Ethylene Glycol Methacrylate Phosphate toward $UO_2^{2+}$ and $Pu^{4+}$ Ions. <i>Industrial &amp; Engineering Chemistry Research</i> , 2016, 55, 8992-9002.	1.8	12
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	Scintillating adsorptive membrane for preconcentration and determination of anionic radionuclides in aqueous samples. <i>Analytical Methods</i> , 2010, 2, 728.	1.3	11
17	Galvanic reactions involving silver nanoparticles embedded in cation-exchange membrane. <i>Chemical Communications</i> , 2010, 46, 6371.	2.2	10
18	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

#	ARTICLE	IF	CITATIONS
19	Strategies toward the Synthesis of Advanced Functional Sorbent Performance for Uranium Uptake from Seawater. Industrial & Engineering Chemistry Research, 2021, 60, 15037-15044.	1.8	9