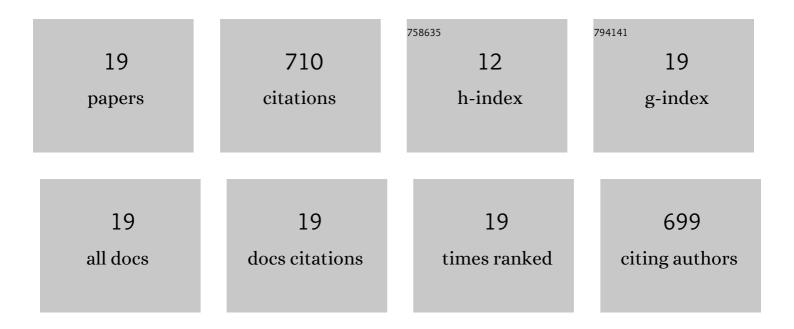
## Sadananda Das

List of Publications by Year in descending order

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#	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. Industrial & Engineering Chemistry Research, 2016, 55, 4264-4277.	1.8	107
2	Exchanges of Uranium(VI) Species in Amidoxime-Functionalized Sorbents. Journal of Physical Chemistry B, 2009, 113, 6328-6335.	1.2	104
3	Chemical aspects of uranium recovery from seawater by amidoximated electron-beam-grafted polypropylene membranes. Desalination, 2008, 232, 243-253.	4.0	100
4	Elution of Uranium and Transition Metals from Amidoxime-Based Polymer Adsorbents for Sequestering Uranium from Seawater. Industrial & Engineering Chemistry Research, 2016, 55, 4313-4320.	1.8	65
5	Characterization and Testing of Amidoxime-Based Adsorbent Materials to Extract Uranium from Natural Seawater. Industrial & Engineering Chemistry Research, 2016, 55, 4285-4293.	1.8	56
6	Adsorptive Preconcentration of Uranium in Hydrogels from Seawater and Aqueous Solutions. Industrial & Engineering Chemistry Research, 2009, 48, 6789-6796.	1.8	45
7	Silver nanoparticles embedded polymer sorbent for preconcentration of uranium from bio-aggressive aqueous media. Journal of Hazardous Materials, 2011, 186, 2051-2059.	6.5	41
8	Neck-size distributions of through-pores in polymer membranes. Journal of Membrane Science, 2012, 415-416, 608-615.	4.1	39
9	Uranium preconcentration from seawater using phosphate functionalized poly(propylene) fibrous membrane. Desalination and Water Treatment, 2012, 38, 114-120.	1.0	23
10	Pore-functionalized polymer membranes for preconcentration of heavy metal ions. Talanta, 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. Chemical Engineering Journal, 2014, 236, 9-16.	6.6	21
12	lron-complexed adsorptive membrane for As(V) species in water. Journal of Hazardous Materials, 2012, 233-234, 131-139.	6.5	14
13	Matrix supported tailored polymer for solid phase extraction of fluoride from variety of aqueous streams. Journal of Hazardous Materials, 2012, 201-202, 193-201.	6.5	12
14	Spacer Monomer in Polymer Chain Influencing Affinity of Ethylene Glycol Methacrylate Phosphate toward UO <sub>2</sub> <sup>2+</sup> and Pu <sup>4+</sup> Ions. Industrial & Engineering Chemistry Research, 2016, 55, 8992-9002.	1.8	12
15	Facilitated transport of europium(III) ions across fixed-site membrane. Journal of Membrane Science, 2009, 342, 113-120.	4.1	11
16	Scintillating adsorptive membrane for preconcentration and determination of anionic radionuclides in aqueous samples. Analytical Methods, 2010, 2, 728.	1.3	11
17	Galvanic reactions involving silver nanoparticles embedded in cation-exchange membrane. Chemical Communications, 2010, 46, 6371.	2.2	10
18	Solid phase preconcentration and determination of mercury and uranyl ions using an itaconic acid functionalized adsorptive membrane. Analytical Methods, 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 & amp; Engineering Chemistry Research, 2021, 60, 15037-15044.	1.8	9