

Jie Xiong

List of Publications by Year in descending order

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15
papers

583
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

604
citing authors

#	ARTICLE	IF	CITATIONS
1	Control of pore chemistry in metal-organic frameworks for selective uranium extraction from seawater. <i>Microporous and Mesoporous Materials</i> , 2019, 288, 109567.	4.4	80
2	Immobilization of uranium by biomaterial stabilized FeS nanoparticles: Effects of stabilizer and enrichment mechanism. <i>Journal of Hazardous Materials</i> , 2016, 302, 1-9.	12.4	79
3	Polypropylene Modified with Amidoxime/Carboxyl Groups in Separating Uranium(VI) from Thorium(IV) in Aqueous Solutions. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1924-1930.	6.7	75
4	Polymer brushes on graphene oxide for efficient adsorption of heavy metal ions from water. <i>Journal of Applied Polymer Science</i> , 2019, 136, 48156.	2.6	74
5	Highly Efficient Recovery of Uranium from Seawater Using an Electrochemical Approach. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 8078-8084.	3.7	53
6	Phosphate-Functionalized Polyethylene with High Adsorption of Uranium(VI). <i>ACS Omega</i> , 2017, 2, 3267-3275.	3.5	46
7	Adsorption behavior of uranium on polyvinyl alcohol-g-amidoxime: Physicochemical properties, kinetic and thermodynamic aspects. <i>Science China Chemistry</i> , 2013, 56, 1495-1503.	8.2	37
8	Functional polymer brushes for highly efficient extraction of uranium from seawater. <i>Journal of Materials Science</i> , 2019, 54, 3572-3585.	3.7	35
9	Recovery of uranium(VI) from aqueous solution by amidoxime functionalized wool fibers. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 307, 1471-1479.	1.5	31
10	Polyamidoxime functionalized with phosphate groups by plasma technique for effective U(VI) adsorption. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 67, 380-387.	5.8	27
11	Polyvinyl alcohol fibers with functional phosphonic acid group: synthesis and adsorption of uranyl (VI) ions in aqueous solutions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 296, 1331-1340.	1.5	26
12	Study on the radiation degradation of polyether-polyurethane induced by electron beam. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2007, 274, 525-530.	1.5	7
13	Electron-Beam-Induced Radiation Effects on Siloxane Foam. <i>Macromolecular Symposia</i> , 2010, 297, 225-230.	0.7	7
14	High performance of amidoxime/amine functionalized polypropylene for uranyl (VI) from aqueous solution. <i>E-Polymers</i> , 2013, 13, .	3.0	4
15	Radiation effect of neutrons in a reactor on polyurethane. <i>Journal Wuhan University of Technology, Materials Science Edition</i> , 2010, 25, 966-968.	1.0	2