

Congcong Ding

List of Publications by Year in descending order

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41
papers

3,618
citations

186265

28
h-index

182427

51
g-index

54
all docs

54
docs citations

54
times ranked

2558
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface interaction and biomineralization of uranium induced by the living and dead bacterial ghosts of <i>Kocuria</i> sp.. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107295.	6.7	5
2	Mutual effects of <i>Shewanella putrefaciens</i> -montmorillonite and their impact on uranium immobilization. <i>Chemosphere</i> , 2022, 303, 135096.	8.2	4
3	Surface biomineralization of uranium onto <i>Shewanella putrefaciens</i> with or without extracellular polymeric substances. <i>Ecotoxicology and Environmental Safety</i> , 2022, 241, 113719.	6.0	4
4	Amide and phosphate groups modified bifunctional luffa fiber for highly efficient removal of U(VI) from real uranium wastewater. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2021, 328, 591-604.	1.5	4
5	Nano zero valent iron encapsulated in graphene oxide for reducing uranium. <i>Chemosphere</i> , 2021, 278, 130229.	8.2	23
6	Bonding Behavior and Mechanism of U(VI) by Chemically Modified <i>Deinococcus radiodurans</i> . <i>Minerals (Basel, Switzerland)</i> , 2021, 11, 1108.	2.0	2
7	Removal of U(VI) by nano-scale zero valent iron supported on porous organic polymers. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2020, 326, 845-855.	1.5	3
8	Aggregation of Silica Nanoparticles in Sol-Gel Processes to Create Optical Coatings with Controllable Ultralow Refractive Indices. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 16887-16895.	8.0	21
9	Spectroscopic and theoretical calculation insight into interaction mechanism between U(VI) and phospholipid under carbonate environment. <i>Journal of Molecular Liquids</i> , 2020, 305, 112852.	4.9	3
10	Amidoxime-Functionalized Hollow Carbon Spheres for Efficient Removal of Uranium from Wastewater. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10800-10807.	6.7	70
11	Microorganisms and radionuclides. <i>Interface Science and Technology</i> , 2019, , 107-139.	3.3	6
12	Spectroscopic and theoretical investigation on efficient removal of U(VI) by amine-containing polymers. <i>Chemical Engineering Journal</i> , 2019, 367, 94-101.	12.7	21
13	Ultraviolet laser-induced damage of freestanding silica nanoparticle films. <i>Applied Surface Science</i> , 2019, 463, 566-572.	6.1	21
14	A synergistic biosorption and biomineralization strategy for <i>Kocuria</i> sp. to immobilizing U(VI) from aqueous solution. <i>Journal of Molecular Liquids</i> , 2019, 275, 215-220.	4.9	18
15	Zero-valent iron-aluminum for the fast and effective U(VI) removal. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 85, 186-192.	5.3	34
16	Reactivity of carbonized fungi supported nanoscale zero-valent iron toward U(VI) influenced by naturally occurring ions. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 61, 236-243.	5.8	16
17	Macroscopic and microscopic investigation of uranium elimination by Ca-Mg-Al-layered double hydroxide supported nanoscale zero valent iron. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 2657-2665.	6.0	66
18	Microbial reduction of uranium (VI) by <i>Bacillus</i> sp. dwc-2: A macroscopic and spectroscopic study. <i>Journal of Environmental Sciences</i> , 2017, 53, 9-15.	6.1	31

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19	Synergistic mechanism of U(VI) sequestration by magnetite-graphene oxide composites: Evidence from spectroscopic and theoretical calculation. <i>Chemical Engineering Journal</i> , 2017, 324, 113-121.	12.7	65
20	Kinetics and pH-dependent uranium bioprecipitation by <i>Shewanella putrefaciens</i> under aerobic conditions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 312, 531-541.	1.5	30
21	Fabrication of 3D Macroscopic Graphene Oxide Composites Supported by Montmorillonite for Efficient U(VI) Wastewater Purification. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 5503-5511.	6.7	43
22	Uranium Binding on <i>Landoltia punctata</i> as a Result of Formation of Insoluble Nano-U (VI) and U (IV) Phosphate Minerals. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 1494-1502.	6.7	29
23	Microscopic and Spectroscopic Insights into Uranium Phosphate Mineral Precipitated by <i>Bacillus Mucilaginosus</i> . <i>ACS Earth and Space Chemistry</i> , 2017, 1, 483-492.	2.7	38
24	Competitive sorption of Pb(II), Cu(II) and Ni(II) on carbonaceous nanofibers: A spectroscopic and modeling approach. <i>Journal of Hazardous Materials</i> , 2016, 313, 253-261.	12.4	169
25	Direct Synthesis of Bacteria-Derived Carbonaceous Nanofibers as a Highly Efficient Material for Radionuclides Elimination. <i>ACS Sustainable Chemistry and Engineering</i> , 2016, 4, 4608-4616.	6.7	60
26	Characterization of uranium bioaccumulation on a fungal isolate <i>Geotrichum sp. dwc-1</i> as investigated by FTIR, TEM and XPS. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 310, 165-175.	1.5	16
27	Macroscopic and Microscopic Investigation of U(VI) and Eu(III) Adsorption on Carbonaceous Nanofibers. <i>Environmental Science & Technology</i> , 2016, 50, 4459-4467.	10.0	398
28	Competitive sorption of As(V) and Cr(VI) on carbonaceous nanofibers. <i>Chemical Engineering Journal</i> , 2016, 293, 311-318.	12.7	166
29	Bioaccumulation characterization of uranium by a novel <i>Streptomyces sporoverrucosus dwc-3</i> . <i>Journal of Environmental Sciences</i> , 2016, 41, 162-171.	6.1	46
30	Fabrication of fungus/attapulgite composites and their removal of U(VI) from aqueous solution. <i>Chemical Engineering Journal</i> , 2015, 269, 1-8.	12.7	131
31	Effect of microbes on Ni(II) diffusion onto sepiolite. <i>Journal of Molecular Liquids</i> , 2015, 204, 170-175.	4.9	32
32	Novel fungus-Fe ₃ O ₄ bio-nanocomposites as high performance adsorbents for the removal of radionuclides. <i>Journal of Hazardous Materials</i> , 2015, 295, 127-137.	12.4	227
33	Adsorption and Desorption of U(VI) on Functionalized Graphene Oxides: A Combined Experimental and Theoretical Study. <i>Environmental Science & Technology</i> , 2015, 49, 4255-4262.	10.0	473
34	Plasma synthesis of β -cyclodextrin/Al(OH) ₃ composites as adsorbents for removal of UO ₂ ²⁺ from aqueous solutions. <i>Journal of Molecular Liquids</i> , 2015, 207, 224-230.	4.9	56
35	Mechanism of thorium biosorption by the cells of the soil fungal isolate <i>Geotrichum sp. dwc-1</i> . <i>Radiochimica Acta</i> , 2014, 102, 175-184.	1.2	16
36	The efficient enrichment of U(VI) by graphene oxide-supported chitosan. <i>RSC Advances</i> , 2014, 4, 61919-61926.	3.6	54

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37	Simultaneous adsorption and reduction of U(VI) on reduced graphene oxide-supported nanoscale zerovalent iron. <i>Journal of Hazardous Materials</i> , 2014, 280, 399-408.	12.4	339
38	Biosorption behavior and mechanism of thorium on <i>Streptomyces sporoverrucosus</i> dwc-3. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 301, 237-245.	1.5	22
39	The sequestration of U(VI) on functional β -cyclodextrin-attapulgite nanorods. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2014, 302, 385-391.	1.5	33
40	Biosorption behavior and mechanism of cesium-137 on <i>Rhodospiridium fluviale</i> strain UA2 isolated from cesium solution. <i>Journal of Environmental Radioactivity</i> , 2014, 134, 6-13.	1.7	30
41	Biosorption of uranium on <i>Bacillus</i> sp. dwc-2: preliminary investigation on mechanism. <i>Journal of Environmental Radioactivity</i> , 2014, 135, 6-12.	1.7	77