

Dingzhong Yuan

List of Publications by Year in descending order

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31
papers

1,229
citations

394421

19
h-index

454955

30
g-index

31
all docs

31
docs citations

31
times ranked

1004
citing authors

#	ARTICLE	IF	CITATIONS
1	Removal of uranium (VI) from aqueous solution by amidoxime functionalized superparamagnetic polymer microspheres prepared by a controlled radical polymerization in the presence of DPE. <i>Chemical Engineering Journal</i> , 2016, 285, 358-367.	12.7	161
2	Highly efficacious entrapment of Th (IV) and U (VI) from rare earth elements in concentrated nitric acid solution using a phosphonic acid functionalized porous organic polymer adsorbent. <i>Separation and Purification Technology</i> , 2020, 237, 116379.	7.9	93
3	Highly efficient removal of uranium from highly acidic media achieved using a phosphine oxide and amino functionalized superparamagnetic composite polymer adsorbent. <i>Journal of Materials Chemistry A</i> , 2020, 8, 10925-10934.	10.3	86
4	Nanocellulose-mediated hybrid polyaniline electrodes for high performance flexible supercapacitors. <i>Journal of Materials Chemistry A</i> , 2017, 5, 12969-12976.	10.3	78
5	Highly selective adsorption of uranium in strong HNO ₃ media achieved on a phosphonic acid functionalized nanoporous polymer. <i>Journal of Materials Chemistry A</i> , 2017, 5, 22735-22742.	10.3	73
6	Efficient and rapid transformation of high silica CHA zeolite from FAU zeolite in the absence of water. <i>Journal of Materials Chemistry A</i> , 2017, 5, 9076-9080.	10.3	71
7	Assembly of three-dimensional ultralight poly(amidoxime)/graphene oxide nanoribbons aerogel for efficient removal of uranium(VI) from water samples. <i>Science of the Total Environment</i> , 2021, 765, 142686.	8.0	69
8	Supported nanosized palladium on superparamagnetic composite microspheres as an efficient catalyst for Heck reaction. <i>Catalysis Communications</i> , 2010, 11, 606-610.	3.3	68
9	Superparamagnetic polymer composite microspheres supported Schiff base palladium complex: An efficient and reusable catalyst for the Suzuki coupling reactions. <i>Chemical Engineering Journal</i> , 2016, 287, 241-251.	12.7	63
10	Introduction of amino groups into polyphosphazene framework supported on CNT and coated Fe ₃ O ₄ nanoparticles for enhanced selective U(VI) adsorption. <i>Applied Surface Science</i> , 2019, 466, 893-902.	6.1	50
11	Highly efficient extraction of uranium from strong HNO ₃ media achieved on phosphine oxide functionalized superparamagnetic composite polymer microspheres. <i>Journal of Materials Chemistry A</i> , 2021, 9, 18393-18405.	10.3	47
12	Highly Efficient Removal of Uranium from Aqueous Solution Using a Magnetic Adsorbent Bearing Phosphine Oxide Ligand: A Combined Experimental and Density Functional Theory Study. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 9619-9627.	6.7	45
13	Highly Efficient Removal of Thorium in Strong HNO ₃ Media Using a Novel Polymer Adsorbent Bearing a Phosphonic Acid Ligand: A Combined Experimental and Density Functional Theory Study. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 24512-24522.	8.0	43
14	N, P and S co-doped carbon materials derived from polyphosphazene for enhanced selective U(VI) adsorption. <i>Science of the Total Environment</i> , 2020, 706, 136019.	8.0	35
15	Highly efficient extraction of uranium from aqueous solution using imidazole functionalized core-shell sunflower-like superparamagnetic polymer microspheres: understanding adsorption and binding mechanisms. <i>Journal of Materials Chemistry A</i> , 2022, 10, 12656-12668.	10.3	28
16	Fast and High Amount of U(VI) Uptake by Functional Magnetic Carbon Nanotubes with Phosphate Group. <i>Industrial & Engineering Chemistry Research</i> , 2018, 57, 14551-14560.	3.7	27
17	Synthesis of PAMAM dendron functionalized superparamagnetic polymer microspheres for highly efficient sorption of uranium(VI). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 309, 1227-1240.	1.5	25
18	Synthesis and characterization of poly(TRIM/VPA) functionalized graphene oxide nanoribbons aerogel for highly efficient capture of thorium(IV) from aqueous solutions. <i>Applied Surface Science</i> , 2021, 536, 147829.	6.1	25

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19	Nanosized palladium supported on diethylenetriamine modified superparamagnetic polymer composite microspheres: Synthesis, characterization and application as catalysts for the Suzuki reactions. <i>Applied Catalysis A: General</i> , 2014, 475, 249-255.	4.3	24
20	Efficient adsorption of methyl orange and methyl blue dyes by a novel triptycene-based hyper-crosslinked porous polymer. <i>RSC Advances</i> , 2022, 12, 5587-5594.	3.6	21
21	<i>In situ</i> polymerization of polyimide-based nanocomposites via covalent incorporation of functionalized graphene nanosheets for enhancing mechanical, thermal, and electrical properties. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	2.6	17
22	Removal of uranium from aqueous solution by phosphate functionalized superparamagnetic polymer microspheres Fe ₃ O ₄ /P(GMA-co-AA-co-MMA). <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2016, 309, 729.	1.5	16
23	The preparation of PZS-OH/CNT composite and its adsorption of U(VI) in aqueous solutions. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 314, 1747-1757.	1.5	16
24	Investigation of the high U(VI) adsorption properties of phosphoric acid-functionalized heteroatoms-doped carbon materials. <i>Solid State Sciences</i> , 2020, 104, 106248.	3.2	10
25	Rational structure design for enhanced uranium(VI) capture and beyond: From carbon nanotubes to graphene oxide nanoribbons. <i>Journal of Molecular Liquids</i> , 2021, 323, 114639.	4.9	10
26	Highly Efficient Organic Dyes Capture Using Thiol-Functionalized Porous Organic Polymer. <i>ACS Omega</i> , 2022, 7, 17941-17947.	3.5	8
27	Simple one-pot synthesis of manganese dioxide modified bamboo-derived biochar composites for uranium(^{VI}) removal. <i>New Journal of Chemistry</i> , 0, , .	2.8	6
28	Macroporous P (GMA-co-DVB-co-TRIM) microspheres supported diethylenetriamine palladium complex: An efficient and recyclable catalyst for Heck reactions. <i>Catalysis Communications</i> , 2012, 18, 126-131.	3.3	5
29	Synthesis and Characterization of Graphene Oxide Supported Schiff Base Palladium Catalyst and Its Catalytic Performance to Suzuki Reaction. <i>Chinese Journal of Organic Chemistry</i> , 2014, 34, 1630.	1.3	5
30	Highly efficient removal of uranium from aqueous solution by a novel robust phosphonic acid functionalized aromatic-based hyper-crosslinked porous polymer. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2022, 331, 3745-3756.	1.5	3
31	Fabrication of superhydrophobic and conductive CNT/KB/PBZ nanocomposites. <i>High Performance Polymers</i> , 2017, 29, 937-942.	1.8	1