

Dongxiang Zhang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Carbon cloth as an important electrode support for the high selective electrosorption of uranium from acidic uranium mine wastewater. Separation and Purification Technology, 2022, 281, 119843.	7.9	34
2	An overview on metal Oxide-based materials for iodine capture and storage. Chemical Engineering Journal, 2022, 431, 133816.	12.7	48
3	Efficient electrosorption of uranyl ions by a homemade amidoxime-modified carbon paper-based electrode in acidic aqueous condition. Journal of Chemical Technology and Biotechnology, 2021, 96, 2916-2929.	3.2	12
4	Barbituric and thiobarbituric acid-based UiO-66-NH ₂ adsorbents for iodine gas capture: Characterization, efficiency and mechanisms. Journal of Hazardous Materials, 2021, 416, 125835.	12.4	51
5	Bismuth-impregnated aluminum/copper oxide-pillared montmorillonite for efficient vapor iodine sorption. Separation and Purification Technology, 2021, 270, 118848.	7.9	20
6	Application and Properties of CL-20/HMX Cocrystal in Composite Modified Double Base Propellants. Propellants, Explosives, Pyrotechnics, 2020, 45, 92-100.	1.6	22
7	The catalytic effects of nano-Fe ₂ O ₃ and rGO-Fe ₂ O ₃ on the thermal decomposition properties of CL-20/HMX cocrystals. New Journal of Chemistry, 2020, 44, 1858-1864.	2.8	15
8	Optimizing LADRC Bubble Tower Control System Based on Differential Evolution Algorithm. , 2020, , .		0
9	PID Control of Iodine Molecules Containing Gas Generator Based on Differential Evolution Algorithm. , 2020, , .		0
10	Reduced Graphene Oxide/ZIF-67 Aerogel Composite Material for Uranium Adsorption in Aqueous Solutions. ACS Omega, 2020, 5, 8012-8022.	3.5	43
11	Intercalation of glycine into hydroxy double salt and its adsorption performance towards Uranium(VI). Environmental Technology and Innovation, 2019, 16, 100474.	6.1	5
12	Sorption of metal ions from aqueous solution by sulfonated calix[4]arene intercalated with layered double hydroxide. Journal of Environmental Chemical Engineering, 2019, 7, 103021.	6.7	17
13	A kinetic investigation on the thermal decomposition of propellants catalyzed by rGO/MFe ₂ O ₄ (M ²⁺ =Ni, Cu). Tj ETOg1 1 0.784314 r	5.2	13
14	Rapid and selective uranium adsorption by glycine functionalized europium hydroxide. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 556, 299-308.	4.7	24
15	Efficient extraction of Nd(III) by calix[4]arene derivatives containing diethyl phosphite. Hydrometallurgy, 2017, 169, 47-58.	4.3	8
16	Synthesis of Amidoxime-Grafted Activated Carbon Fibers for Efficient Recovery of Uranium(VI) from Aqueous Solution. Industrial & Engineering Chemistry Research, 2017, 56, 11936-11947.	3.7	77
17	Reactive extraction of europium(III) and neodymium(III) by carboxylic acid modified calixarene derivatives: Equilibrium, thermodynamics and kinetics. Separation and Purification Technology, 2017, 188, 250-259.	7.9	23
18	Soft Sensor Development Based on the Hierarchical Ensemble of Gaussian Process Regression Models for Nonlinear and Non-Gaussian Chemical Processes. Industrial & Engineering Chemistry Research, 2016, 55, 7704-7719.	3.7	31

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19	Addition Reactions of Me ₃ SiCN with Aldehydes Catalyzed by Aluminum Complexes Containing in their Coordination Sphere O, S, and N Ligands. Chemistry - A European Journal, 2016, 22, 6932-6938.	3.3	29
20	Synthesis of a thiacalix[4]arenetetrasulfonate-functionalized reduced graphene oxide adsorbent for the removal of lead(II) and cadmium(II) from aqueous solutions. RSC Advances, 2016, 6, 113352-113365.	3.6	18
21	Calixarene-functionalized graphene oxide composites fixed on glassy carbon electrodes for electrochemical detection. RSC Advances, 2016, 6, 91910-91920.	3.6	9
22	Kinetics Study of a Complex Reaction: Nitration of Caged 2,6,8,12-Tetraacetyl-4,10-dinitro-2,4,6,8,10,12-hexaazaisowurtzitane. Organic Process Research and Development, 2016, 20, 1911-1916.	2.7	5
23	Synthesis and characterization of amidoxime modified calix[8]arene for adsorption of U(VI) in low concentration uranium solutions. RSC Advances, 2016, 6, 101087-101097.	3.6	31
24	Calixarene-functionalized graphene oxide composites for adsorption of neodymium ions from the aqueous phase. RSC Advances, 2016, 6, 30384-30394.	3.6	31
25	Tin sulfide and selenide clusters soluble in organic solvents with the core structures of Sn ₄ S ₆ and Sn ₄ Se ₆ . Dalton Transactions, 2015, 44, 19800-19804.	3.3	10
26	Virtual assembly of chemical equipment. , 2014, , .		0
27	The mechanism of interphase mass transfer reaction and precipitation process of HDEHPâ€‘TBPâ€‘Cuâ€‘CCl ₄ /H ₂ C ₂ O ₄ â€‘H ₂ O system. Separation and Purification Technology, 2014, 137, 116-126.	7.9	0
28	N-Heterocyclic Carbene-facilitated Condensation of 3-Methylphenylboronic Acid to the Boroxine. Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences, 2013, 68, 453-457.	0.7	2
29	Emulsification for castor biomass oil. Frontiers of Chemical Science and Engineering, 2011, 5, 96-101.	4.4	9
30	Preparation and photocatalytic kinetics of nano-ZnO powders by precipitation stripping process. Frontiers of Chemical Engineering in China, 2008, 2, 319-324.	0.6	8
31	Decolorizing kinetics of reactive black SRE by UV/TiO ₂ . Environmental Progress, 2008, 27, 104-110.	0.7	6
32	Monitoring of decolorization kinetics of Reactive Brilliant Blue X-BR by online spectrophotometric method in Fenton oxidation process. Journal of Hazardous Materials, 2008, 158, 445-453.	12.4	27