

Songdong Ding

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

582
citations

759233

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713466

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all docs

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docs citations

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times ranked

515
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel benzimidazole-functionalized 2-D COF material: Synthesis and application as a selective solid-phase extractant for separation of uranium. <i>Journal of Colloid and Interface Science</i> , 2015, 437, 211-218.	9.4	153
2	Highly efficient extraction of actinides with pillar[5]arene-derived diglycolamides in ionic liquids via a unique mechanism involving competitive host-guest interactions. <i>Dalton Transactions</i> , 2016, 45, 19299-19310.	3.3	49
3	High selective extraction for thorium(IV) with NTAamide in nitric acid solution: Synthesis, solvent extraction and structure studies. <i>Separation and Purification Technology</i> , 2014, 138, 65-70.	7.9	46
4	Highly Selective Separation of Actinides from Lanthanides by Dithiophosphinic Acids: An in-Depth Investigation on Extraction, Complexation, and DFT Calculations. <i>Inorganic Chemistry</i> , 2019, 58, 5457-5467.	4.0	41
5	Highly Efficient Trivalent Americium/Europium Separation by Phenanthroline-Derived Bis(pyrazole) Ligands. <i>Inorganic Chemistry</i> , 2018, 57, 5782-5790.	4.0	40
6	Non-heterocyclic N-donor ligands of nitrilotriacetamide for Am ³⁺ /Eu ³⁺ separation. <i>Separation and Purification Technology</i> , 2019, 210, 107-116.	7.9	37
7	Selective extraction of americium(III) over europium(III) ions in nitric acid solution by NTAamide(C8) using a novel water-soluble bisdiglycolamide as a masking agent. <i>Separation and Purification Technology</i> , 2017, 181, 148-158.	7.9	35
8	Selective Extraction of Americium(III) over Europium(III) with the Pyridylpyrazole Based Tetradentate Ligands: Experimental and Theoretical Study. <i>Inorganic Chemistry</i> , 2015, 54, 10648-10655.	4.0	30
9	Selective Extraction of Americium(III) over Europium(III) Ions with Pyridylpyrazole Ligands: Structure-Property Relationships. <i>European Journal of Inorganic Chemistry</i> , 2017, 2017, 651-658.	2.0	20
10	Extraction and complexation of americium(III) and europium(III) by a N-donor ligand of 3,5-bis(2-pyridyl)pyrazole. <i>Separation and Purification Technology</i> , 2020, 232, 115969.	7.9	18
11	Extraction of trivalent americium and europium with TODGA homologs from HNO ₃ solution. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 313, 309-318.	1.5	15
12	Extraction of Trivalent Europium and Americium from Nitric Acid Solution with Bisdiglycolamides. <i>Separation Science and Technology</i> , 2015, 50, 1384-1393.	2.5	13
13	Recovery of palladium(II) from strong nitric acid solutions relevant to high-level liquid waste of PUREX process by solvent extraction with pyrazole-pyridine-based amide ligands. <i>Hydrometallurgy</i> , 2022, 211, 105888.	4.3	13
14	Demonstration of a continuous counter-current extraction process based on a non-heterocyclic N-donor ligand NTAamide(n-Oct) for trivalent actinides/lanthanides separation. <i>Separation and Purification Technology</i> , 2021, 261, 118285.	7.9	12
15	A H-Bonding and Electrostatic Interaction Combined Strategy for TcO ₄ ⁻ Separation by a Nitrotriacetate-Derived Amine-Amide Extractant. <i>Inorganic Chemistry</i> , 2021, 60, 10899-10908.	4.0	11
16	Chaos to order: an eco-friendly way to synthesize graphene quantum dots. <i>RSC Advances</i> , 2014, 4, 43160-43165.	3.6	10
17	2-Carboxamido-6-(1H-pyrazol-3-yl)-pyridines as ligands for efficient separation of americium(III) from europium(III). <i>Separation and Purification Technology</i> , 2021, 276, 119262.	7.9	10
18	Computational thermodynamic study on the complexes of Am(III) with tridentate N-donor ligands. <i>New Journal of Chemistry</i> , 2015, 39, 7716-7729.	2.8	9

#	ARTICLE	IF	CITATIONS
19	Interaction between U and Th on their uptake, distribution, and toxicity in <i>V. S. alfreidii</i> based on the phytoremediation of U and Th. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2996-3005.	5.3	9
20	Oxygen and peroxide bridged uranyl(UO_2) dimers bearing tetradentate hybrid ligands: supramolecular self-assembly and generation pathway. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3412-3423.	6.0	8
21	Theoretical Investigation of Catalytic Water Splitting by the Arene-Anchored Actinide Complexes. <i>Inorganic Chemistry</i> , 0, , .	4.0	2
22	From UO_2 to UO_2 : experimental and theoretical insights into the atmospheric degradation mechanism of dithiophosphinic acids. <i>RSC Advances</i> , 2020, 10, 40035-40042.	3.6	1