Yanqiu Yang

List of Publications by Year
in descending order

26	282	840776 11	940533 16
papers	citations	h-index	g-index

28	28	28	313
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Probing the difference in covalence by enthalpy measurements: a new heterocyclic N-donor ligand for actinide/lanthanide separation. Dalton Transactions, 2015, 44, 8959-8970.	3.3	37
2	Complexation of Lanthanides with N,N,Nâ€²,Nâ€²-Tetramethylamide Derivatives of Bipyridinedicarboxylic Acid and Phenanthrolinedicarboxylic Acid: Thermodynamics and Coordination Modes. Inorganic Chemistry, 2019, 58, 7416-7425.	4.0	29
3	One Single Molecule as a Multifunctional Fluorescent Probe for Ratiometric Sensing of Fe3+, Cr3+ and Colorimetric Sensing of Cu2+. Sensors, 2015, 15, 49-58.	3.8	22
4	A uranium capture strategy based on self-assembly in a hydroxyl-functionalized ionic liquid extraction system. Chemical Communications, 2019, 55, 6894-6897.	4.1	20
5	Density functional theory study of the Eu(III) and Am(III) complexes with two 1,10-phenanthroline-type ligands. Polyhedron, 2015, 95, 86-90.	2.2	19
6	Complexation of Lanthanides with Glutaroimide-dioxime: Binding Strength and Coordination Modes. Inorganic Chemistry, 2016, 55, 1315-1323.	4.0	19
7	Complexation of U(VI) with BiPDA, DmBiPDA, and PhenDA: Comparison on Structures and Binding Strengths in Aqueous and DMSO/20%(v)H₂O Solutions. Inorganic Chemistry, 2019, 58, 6064-6074.	4.0	15
8	Complexation of Np^V Ions with 1,10â€Phenanthrolineâ€2,9â€dicarboxylic Acid: Spectrophotometric and Microcalorimetric Studies. European Journal of Inorganic Chemistry, 2014, 2014, 5561-5566.	2.0	13
9	Effect of temperature on the thermodynamic and spectroscopic properties of Np(<scp>v</scp>) complexes with picolinate. RSC Advances, 2015, 5, 75483-75490.	3.6	12
10	Complexation of U(<scp>vi</scp>) with benzoic acid at variable temperatures (298â€“353 K): thermodynamics and crystal structures of U(<scp>vi</scp>)/benzoate complexes. Dalton Transactions, 2016, 45, 384-391.	3.3	11
11	A structural and thermodynamic study of the complexes of U(<scp>vi</scp>) with azinecarboxylates. Dalton Transactions, 2019, 48, 566-577.	3.3	11
12	Complexes of Th(<scp>iv</scp>) with neutral Oâ€“Nâ€“Nâ€“O hybrid ligands: a thermodynamic and crystallographic study. Dalton Transactions, 2021, 50, 705-714.	3.3	11
13	Selective extraction of Am(III) from Cm(III) and Eu(III) using a novel phenanthrolinamide ligand: Thermodynamics, species, and structure. Separation and Purification Technology, 2021, 274, 119119.	7.9	9
14	Oxygen and peroxide bridged uranyl(<scp>vi</scp>) dimers bearing tetradentate hybrid ligands: supramolecular self-assembly and generation pathway. Inorganic Chemistry Frontiers, 2020, 7, 3412-3423.	6.0	8
15	Crescent aromatic oligothioamides as highly selective receptors for copper(II) ion. Science China Chemistry, 2014, 57, 1246-1256.	8.2	7
16	Study on the method of preparation 97Tc. Journal of Radioanalytical and Nuclear Chemistry, 2010, 283, 111-116.	1.5	6
17	Embedded atom model for the liquid Uâ€“10Zr alloy based on density functional theory calculations. RSC Advances, 2015, 5, 61495-61501.	3.6	6
18	Complexation of U(VI) with picolinic acid in aqueous solution at variable temperatures: Potentiometric, spectrophotometric and calorimetric studies. Journal of Chemical Thermodynamics, 2017, 113, 350-357.	2.0	6

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19	Complexation behavior of Eu(III), Tb(III), Tm(III), and Am(III) with three 1,10-phenanthroline-type ligands: insights from density functional theory. Journal of Molecular Modeling, 2015, 21, 185.	1.8	5
20	The difference of uranyl (UO22+) complexes with Nitrilotriâ€“3â€“propanoic acid and Tris(2â€“carboxyethyl) phosphine: Nâ€“tricarboxylate versus Pâ€“tricarboxylate. Inorganica Chimica Acta, 2022, 530, 120675.	2.4	4
21	Probing the Difference in the Complexation of Trivalent Actinides and Lanthanides with a Tridentate N,O-Hybrid Ligand: Spectroscopy, Thermodynamics, and Coordination Modes. Inorganic Chemistry, 2022, 61, 6063-6072.	4.0	4
22	Uranium(VI) complexation with trans-1,2-cyclohexanediaminetetraacetic acid in solution: thermodynamic and structural studies. Journal of Coordination Chemistry, 2020, 73, 3382-3394.	2.2	3
23	Complexation of Cyclic Glutarimidedioxime with Cerium: Surrogating for Redox Behavior of Plutonium. Inorganic Chemistry, 2021, 60, 3139-3148.	4.0	3
24	Complexation between uranyl(VI) and CMPO in a hydroxyl-functionalized ionic liquid: An extraction, spectrophotography, and calorimetry study. Chinese Chemical Letters, 2022, 33, 3451-3455.	9.0	2
25	Complexation of a macrocyclic ligand, 2,6-di (N-methyl)formamide-calix[4]pyridine, with Eu(III) and extraction of Eu(III) and Am(III). Radiochimica Acta, 2018, 106, 301-310.	1.2	0
26	Complexation of uranyl with chelidamic acid: Crystal structures, binding strength, and electrochemical redoxes. , 2022, 1, 100014.		0