

# Yanqiu Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/594151/publications.pdf>

Version: 2024-02-01

26  
papers

282  
citations

840776

11  
h-index

940533

16  
g-index

28  
all docs

28  
docs citations

28  
times ranked

313  
citing authors

#	ARTICLE	IF	CITATIONS
1	The difference of uranyl (UO <sub>2</sub> <sup>2+</sup> ) complexes with Nitrioltri- <sup>3</sup> propanoic acid and Tris(2-carboxyethyl) phosphine: N <sup>3</sup> -tricarboxylate versus P <sup>3</sup> -tricarboxylate. <i>Inorganica Chimica Acta</i> , 2022, 530, 120675.	2.4	4
2	Complexation between uranyl(VI) and CMPO in a hydroxyl-functionalized ionic liquid: An extraction, spectrophotography, and calorimetry study. <i>Chinese Chemical Letters</i> , 2022, 33, 3451-3455.	9.0	2
3	Probing the Difference in the Complexation of Trivalent Actinides and Lanthanides with a Tridentate N,O-Hybrid Ligand: Spectroscopy, Thermodynamics, and Coordination Modes. <i>Inorganic Chemistry</i> , 2022, 61, 6063-6072.	4.0	4
4	Complexation of uranyl with chelidamic acid: Crystal structures, binding strength, and electrochemical redoxes. , 2022, 1, 100014.		0
5	Complexes of Th( <sup>IV</sup> ) with neutral O <sup>N</sup> O hybrid ligands: a thermodynamic and crystallographic study. <i>Dalton Transactions</i> , 2021, 50, 705-714.	3.3	11
6	Complexation of Cyclic Glutarimidedioxime with Cerium: Surrogating for Redox Behavior of Plutonium. <i>Inorganic Chemistry</i> , 2021, 60, 3139-3148.	4.0	3
7	Selective extraction of Am(III) from Cm(III) and Eu(III) using a novel phenanthrolineamide ligand: Thermodynamics, species, and structure. <i>Separation and Purification Technology</i> , 2021, 274, 119119.	7.9	9
8	Oxygen and peroxide bridged uranyl( <sup>VI</sup> ) dimers bearing tetradentate hybrid ligands: supramolecular self-assembly and generation pathway. <i>Inorganic Chemistry Frontiers</i> , 2020, 7, 3412-3423.	6.0	8
9	Uranium(VI) complexation with <i>trans</i> -1,2-cyclohexanediaminetetraacetic acid in solution: thermodynamic and structural studies. <i>Journal of Coordination Chemistry</i> , 2020, 73, 3382-3394.	2.2	3
10	A structural and thermodynamic study of the complexes of U( <sup>VI</sup> ) with azinecarboxylates. <i>Dalton Transactions</i> , 2019, 48, 566-577.	3.3	11
11	A uranium capture strategy based on self-assembly in a hydroxyl-functionalized ionic liquid extraction system. <i>Chemical Communications</i> , 2019, 55, 6894-6897.	4.1	20
12	Complexation of Lanthanides with <i>N,N,N,N</i> -Tetramethylamide Derivatives of Bipyridinedicarboxylic Acid and Phenanthrolinecarboxylic Acid: Thermodynamics and Coordination Modes. <i>Inorganic Chemistry</i> , 2019, 58, 7416-7425.	4.0	29
13	Complexation of U(VI) with BiPDA, DmBiPDA, and PhenDA: Comparison on Structures and Binding Strengths in Aqueous and DMSO/20%(v/v)H <sub>2</sub> O Solutions. <i>Inorganic Chemistry</i> , 2019, 58, 6064-6074.	4.0	15
14	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). <i>Radiochimica Acta</i> , 2018, 106, 301-310.	1.2	0
15	Complexation of U(VI) with picolinic acid in aqueous solution at variable temperatures: Potentiometric, spectrophotometric and calorimetric studies. <i>Journal of Chemical Thermodynamics</i> , 2017, 113, 350-357.	2.0	6
16	Complexation of Lanthanides with Glutaroimide-dioxime: Binding Strength and Coordination Modes. <i>Inorganic Chemistry</i> , 2016, 55, 1315-1323.	4.0	19
17	Complexation of U( <sup>VI</sup> ) with benzoic acid at variable temperatures (298-353 K): thermodynamics and crystal structures of U( <sup>VI</sup> )/benzoate complexes. <i>Dalton Transactions</i> , 2016, 45, 384-391.	3.3	11
18	Effect of temperature on the thermodynamic and spectroscopic properties of Np( <sup>V</sup> ) complexes with picolinate. <i>RSC Advances</i> , 2015, 5, 75483-75490.	3.6	12

#	ARTICLE	IF	CITATIONS
19	Density functional theory study of the Eu(III) and Am(III) complexes with two 1,10-phenanthroline-type ligands. <i>Polyhedron</i> , 2015, 95, 86-90.	2.2	19
20	Complexation behavior of Eu(III), Tb(III), Tm(III), and Am(III) with three 1,10-phenanthroline-type ligands: insights from density functional theory. <i>Journal of Molecular Modeling</i> , 2015, 21, 185.	1.8	5
21	Embedded atom model for the liquid Uâ€“10Zr alloy based on density functional theory calculations. <i>RSC Advances</i> , 2015, 5, 61495-61501.	3.6	6
22	One Single Molecule as a Multifunctional Fluorescent Probe for Ratiometric Sensing of Fe <sup>3+</sup> , Cr <sup>3+</sup> and Colorimetric Sensing of Cu <sup>2+</sup> . <i>Sensors</i> , 2015, 15, 49-58.	3.8	22
23	Probing the difference in covalence by enthalpy measurements: a new heterocyclic N-donor ligand for actinide/lanthanide separation. <i>Dalton Transactions</i> , 2015, 44, 8959-8970.	3.3	37
24	Complexation of Np <sup>V</sup> Ions with 1,10-Phenanthroline-2,9-dicarboxylic Acid: Spectrophotometric and Microcalorimetric Studies. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5561-5566.	2.0	13
25	Crescent aromatic oligothioamides as highly selective receptors for copper(II) ion. <i>Science China Chemistry</i> , 2014, 57, 1246-1256.	8.2	7
26	Study on the method of preparation <sup>97</sup> Tc. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 283, 111-116.	1.5	6