Shunzhong Luo

List of Publications by Year in descending order

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759233 794594 34 409 12 19 h-index citations g-index papers 34 34 34 577 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	Uranium(VI) complexation with <i>trans</i> -1,2-cyclohexanediaminetetraacetic acid in solution: thermodynamic and structural studies. Journal of Coordination Chemistry, 2020, 73, 3382-3394.	2.2	3
2	Demonstration and aging test of a radiation resistant strontium-90 betavoltaic mechanism. Applied Physics Letters, 2020, 116 , .	3.3	14
3	Complexation of Light Trivalent Lanthanides with <i>N</i> -(2-Hydroxyethyl)ethylenediamine- <i>N</i> , <i>N</i> ′, <i>N</i> ′-triacetic Acid in Aqueous Solutions: Thermodynamic Analysis and Coordination Modes. Inorganic Chemistry, 2019, 58, 15618-15628.	4.0	6
4	131I-labeled 5,10,15,20-tetrakis(4-hydroxyphenyl)porphyrin and 5,10,15,20-tetrakis(4-aminophenyl)porphyrin for combined photodynamic and radionuclide therapy. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 363-368.	1.5	9
5	Preparation and biodistribution of 131I-labeled graphene quantum dots. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 685-690.	1.5	14
6	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
7	Visible light-induced biocidal activities and mechanistic study of neutral porphyrin derivatives against S. aureus and E. coli. Journal of Photochemistry and Photobiology B: Biology, 2018, 185, 199-205.	3.8	10
8	Protonation States of Glufosinate in Aqueous Solution. Journal of Solution Chemistry, 2018, 47, 705-714.	1.2	6
9	Complexation of Uranium(VI) with <i>N</i> , <i>N</i> ê2, <i>N</i> ê2-triacetic Acid in Aqueous Solution: Thermodynamic Studies and Coordination Analyses. Inorganic Chemistry, 2018, 57, 7684-7693.	4.0	12
10	Assessing the Biocidal Activity and Investigating the Mechanism of Oligo- <i>p</i> -phenylene-ethynylenes. ACS Applied Materials & Samp; Interfaces, 2017, 9, 7964-7971.	8.0	19
11	Thermodynamics of the Protonation of an Analogue of Glyphosate, N-(phosphonomethyl)-l-proline, in Aqueous Solutions. Journal of Solution Chemistry, 2017, 46, 1048-1058.	1.2	6
12	Ultrathin two-dimensional MnO2 nanosheet as a stable coreactant of 3,3′,5,5′-tetramethylbenzidine chromogenic substrate for visualÂand colorimetric detection of iron(II) ion. Mikrochimica Acta, 2017, 184, 3399-3404.	5.0	19
13	Preparation and evaluation of 131I-quercetin as a novel radiotherapy agent against dedifferentiated thyroid cancer. Journal of Radioanalytical and Nuclear Chemistry, 2017, 311, 1697-1708.	1.5	6
14	Complexation of NpO ₂ ⁺ with (2-hydroxyethyl)ethylenediaminetriacetic acid (HEDTA) in aqueous solutions: thermodynamic studies and structural analysis. RSC Advances, 2016, 6, 114916-114926.	3.6	6
15	Complexation of U(<scp>vi</scp>) with benzoic acid at variable temperatures (298–353 K): thermodynamics and crystal structures of U(<scp>vi</scp>)/benzoate complexes. Dalton Transactions, 2016, 45, 384-391.	3.3	11
16	Thermodynamic Study on the Protonation Reactions of Glyphosate in Aqueous Solution: Potentiometry, Calorimetry and NMR spectroscopy. Journal of Physical Chemistry B, 2016, 120, 2132-2137.	2.6	46
17	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
18	Synthesis and characterization of novel water-soluble 117mSn labeled porphyrin conjugates. Journal of Radioanalytical and Nuclear Chemistry, 2015, 305, 681-689.	1.5	2

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19	Synthesis of High-Phase Purity SrTi ₁ – _x Zr _x O ₃ Ceramics by Sol-Spray Pyrolysis Method. Materials and Manufacturing Processes, 2015, 30, 585-590.	4.7	3
20	Response of strontium titanate to electron irradiation for the immobilization of strontium. Journal of Radioanalytical and Nuclear Chemistry, 2015, 303, 341-345.	1.5	4
21	Enhancing the adsorption capacity of Sr ²⁺ and Cs ⁺ onto hexagonal tungsten oxide by doped niobium. RSC Advances, 2015, 5, 15603-15611.	3.6	18
22	Synthesis of Water-Soluble Cyclen-Functionalised Fullerene C ₆₀ Derivatives. Journal of Chemical Research, 2014, 38, 251-253.	1.3	0
23	Complexation of Np ^V lons with 1,10â€Phenanthrolineâ€2,9â€dicarboxylic Acid: Spectrophotometric and Microcalorimetric Studies. European Journal of Inorganic Chemistry, 2014, 2014, 5561-5566.	2.0	13
24	Spectroscopic Investigation of a Synthetic Cyanine Amine Derivative upon Various Scaffolds. Analytical Letters, 2014, 47, 2722-2730.	1.8	1
25	Strontium adsorption on tantalum-doped hexagonal tungsten oxide. Journal of Hazardous Materials, 2014, 264, 386-394.	12.4	56
26	The radiation damage of crystalline silicon PN diode in tritium beta-voltaic battery. Applied Radiation and Isotopes, 2014, 90, 165-169.	1.5	20
27	Crescent aromatic oligothioamides as highly selective receptors for copper(II) ion. Science China Chemistry, 2014, 57, 1246-1256.	8.2	7
28	Adsorption kinetic, isotherm and thermodynamic studies of Sr2+ onto hexagonal tungsten oxide. Journal of Radioanalytical and Nuclear Chemistry, 2013, 298, 47-53.	1.5	13
29	Regioselective Synthesis of 2- and 3-Substituted Imidazo[1,2- <i>a</i>]pyridines. Journal of Chemical Research, 2012, 36, 687-690.	1.3	12
30	Ion-Exchange Characteristics of a Layered Metal Sulfide for Removal of Sr ²⁺ from Aqueous Solutions. Separation Science and Technology, 2012, 47, 896-902.	2.5	14
31	InÂvivo biological behavior of 99mTc(CO)3 labeled fullerol. Journal of Radioanalytical and Nuclear Chemistry, 2010, 285, 635-639.	1.5	14
32	Effect of Temperature on the Ni-63 Betavoltaic Cell. , 2010, , .		0
33	Effects of helium on titanium films and the helium diffusion. Science Bulletin, 2008, 53, 469-472.	1.7	4
34	Defect behavior induced by helium cluster growth in titanium crystals. Journal of Applied Physics, 2007, 102, .	2.5	29