

Shunzhong Luo

List of Publications by Year in descending order

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papers

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759233

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docs citations

34
times ranked

577
citing authors

#	ARTICLE	IF	CITATIONS
1	Strontium adsorption on tantalum-doped hexagonal tungsten oxide. <i>Journal of Hazardous Materials</i> , 2014, 264, 386-394.	12.4	56
2	Thermodynamic Study on the Protonation Reactions of Glyphosate in Aqueous Solution: Potentiometry, Calorimetry and NMR spectroscopy. <i>Journal of Physical Chemistry B</i> , 2016, 120, 2132-2137.	2.6	46
3	Defect behavior induced by helium cluster growth in titanium crystals. <i>Journal of Applied Physics</i> , 2007, 102, .	2.5	29
4	The radiation damage of crystalline silicon PN diode in tritium beta-voltaic battery. <i>Applied Radiation and Isotopes</i> , 2014, 90, 165-169.	1.5	20
5	Assessing the Biocidal Activity and Investigating the Mechanism of Oligo- <i>p</i> -phenylene-ethynylenes. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 7964-7971.	8.0	19
6	Ultrathin two-dimensional MnO ₂ nanosheet as a stable coreactant of 3,3',5,5'-tetramethylbenzidine chromogenic substrate for visual and colorimetric detection of iron(II) ion. <i>Mikrochimica Acta</i> , 2017, 184, 3399-3404.	5.0	19
7	Enhancing the adsorption capacity of Sr ²⁺ and Cs ⁺ onto hexagonal tungsten oxide by doped niobium. <i>RSC Advances</i> , 2015, 5, 15603-15611.	3.6	18
8	In vivo biological behavior of ^{99m} Tc(CO) ₃ labeled fullerol. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2010, 285, 635-639.	1.5	14
9	Ion-Exchange Characteristics of a Layered Metal Sulfide for Removal of Sr ²⁺ from Aqueous Solutions. <i>Separation Science and Technology</i> , 2012, 47, 896-902.	2.5	14
10	Preparation and biodistribution of ¹³¹ I-labeled graphene quantum dots. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 685-690.	1.5	14
11	Demonstration and aging test of a radiation resistant strontium-90 betavoltaic mechanism. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	14
12	Adsorption kinetic, isotherm and thermodynamic studies of Sr ²⁺ onto hexagonal tungsten oxide. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2013, 298, 47-53.	1.5	13
13	Complexation of Np ^V Ions with 1,10-Phenanthroline-9-carboxylic Acid: Spectrophotometric and Microcalorimetric Studies. <i>European Journal of Inorganic Chemistry</i> , 2014, 2014, 5561-5566.	2.0	13
14	Regioselective Synthesis of 2- and 3-Substituted Imidazo[1,2- <i>a</i>]pyridines. <i>Journal of Chemical Research</i> , 2012, 36, 687-690.	1.3	12
15	Effect of temperature on the thermodynamic and spectroscopic properties of Np(^v) complexes with picolinate. <i>RSC Advances</i> , 2015, 5, 75483-75490.	3.6	12
16	Complexation of Uranium(VI) with <i>N</i> -(2-Hydroxyethyl)ethylenediamine- <i>N,N'</i> , <i>N''</i> -triacetic Acid in Aqueous Solution: Thermodynamic Studies and Coordination Analyses. <i>Inorganic Chemistry</i> , 2018, 57, 7684-7693.	4.0	12
17	Complexation of U(^{vi}) with benzoic acid at variable temperatures (298–353 K): thermodynamics and crystal structures of U(^{vi})/benzoate complexes. <i>Dalton Transactions</i> , 2016, 45, 384-391.	3.3	11
18	Visible light-induced biocidal activities and mechanistic study of neutral porphyrin derivatives against <i>S. aureus</i> and <i>E. coli</i> . <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2018, 185, 199-205.	3.8	10

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19	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. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2018, 316, 363-368.	1.5	9
20	Crescent aromatic oligothioamides as highly selective receptors for copper(II) ion. <i>Science China Chemistry</i> , 2014, 57, 1246-1256.	8.2	7
21	Complexation of NpO_2^{2+} with (2-hydroxyethyl)ethylenediaminetriacetic acid (HEDTA) in aqueous solutions: thermodynamic studies and structural analysis. <i>RSC Advances</i> , 2016, 6, 114916-114926.	3.6	6
22	Thermodynamics of the Protonation of an Analogue of Glyphosate, N-(phosphonomethyl)-l-proline, in Aqueous Solutions. <i>Journal of Solution Chemistry</i> , 2017, 46, 1048-1058.	1.2	6
23	Preparation and evaluation of 131I-quercetin as a novel radiotherapy agent against dedifferentiated thyroid cancer. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2017, 311, 1697-1708.	1.5	6
24	Protonation States of Glufosinate in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2018, 47, 705-714.	1.2	6
25	Complexation of Light Trivalent Lanthanides with N-(2-Hydroxyethyl)ethylenediamine-N,N',N''-triacetic Acid in Aqueous Solutions: Thermodynamic Analysis and Coordination Modes. <i>Inorganic Chemistry</i> , 2019, 58, 15618-15628.	4.0	6
26	Effects of helium on titanium films and the helium diffusion. <i>Science Bulletin</i> , 2008, 53, 469-472.	1.7	4
27	Response of strontium titanate to electron irradiation for the immobilization of strontium. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 303, 341-345.	1.5	4
28	Synthesis of High-Phase Purity $\text{SrTi}_{1-x}\text{Zr}_x\text{O}_3$ Ceramics by Sol-Spray Pyrolysis Method. <i>Materials and Manufacturing Processes</i> , 2015, 30, 585-590.	4.7	3
29	Uranium(VI) complexation with trans-1,2-cyclohexanediaminetetraacetic acid in solution: thermodynamic and structural studies. <i>Journal of Coordination Chemistry</i> , 2020, 73, 3382-3394.	2.2	3
30	Synthesis and characterization of novel water-soluble 117mSn labeled porphyrin conjugates. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2015, 305, 681-689.	1.5	2
31	Spectroscopic Investigation of a Synthetic Cyanine Amine Derivative upon Various Scaffolds. <i>Analytical Letters</i> , 2014, 47, 2722-2730.	1.8	1
32	Effect of Temperature on the Ni-63 Betavoltaic Cell. , 2010, , .		0
33	Synthesis of Water-Soluble Cyclen-Functionalised Fullerene C_{60} Derivatives. <i>Journal of Chemical Research</i> , 2014, 38, 251-253.	1.3	0
34	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