

Peter R Zalupski

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Facile high yielding synthesis of symmetric esters of methylenebisphosphonic acid. <i>Tetrahedron</i> , 2001, 57, 8637-8645.	1.0	34
2	Degradation Pathway and Generation of Monohydroxamic Acids from the Trihydroxamate Siderophore Deferrioxamine B. <i>Applied and Environmental Microbiology</i> , 2004, 70, 831-836.	1.4	26
3	Two-Phase Calorimetry. I. Studies on the Thermodynamics of Lanthanide Extraction by Bis(2-EthylHexyl) Phosphoric Acid. <i>Solvent Extraction and Ion Exchange</i> , 2008, 26, 514-533.	0.8	23
4	Influence of a Heterocyclic Nitrogen-Donor Group on the Coordination of Trivalent Actinides and Lanthanides by Aminopolycarboxylate Complexants. <i>Inorganic Chemistry</i> , 2018, 57, 1373-1385.	1.9	23
5	Optical Absorption Characteristics For f^5 and f^6 Transitions of Trivalent Americium Ion in Aqueous Electrolyte Mixtures. <i>Applied Spectroscopy</i> , 2017, 71, 2608-2615.	1.2	22
6	The Adsorption of Gold, Palladium, and Platinum from Acidic Chloride Solutions on Mesoporous Carbons. <i>Solvent Extraction and Ion Exchange</i> , 2014, 32, 737-748.	0.8	21
7	Thermodynamic Features of the Complexation of Neodymium(III) and Americium(III) by Lactate in Trifluoromethanesulfonate Media. <i>Journal of Solution Chemistry</i> , 2010, 39, 1213-1229.	0.6	20
8	Two-Phase Calorimetry. II. Studies on the Thermodynamics of Cesium and Strontium Extraction by Mixtures of HCCD and PEG-400 in FS-13. <i>Solvent Extraction and Ion Exchange</i> , 2010, 28, 161-183.	0.8	19
9	Thermodynamic, Spectroscopic, and Computational Studies of f -Element Complexation by N,N -Hydroxyethyl-diethylenetriamine- N,N -diacetic, N,N -triacetic, N,N -tetraacetic Acid. <i>Inorganic Chemistry</i> , 2017, 56, 1722-1733.	1.9	19
10	Thermodynamic and Spectroscopic Studies of Trivalent f -element Complexation with Ethylenediamine- N,N -di(acetylglycine)- N,N -diacetic Acid. <i>Inorganic Chemistry</i> , 2016, 55, 2977-2985.	1.9	18
11	Coordination Chemistry and f -Element Complexation by Diethylenetriamine- N,N -bis(acetylglycine)- N,N -diacetic, N,N -triacetic Acid. <i>Inorganic Chemistry</i> , 2016, 55, 11600-11611.	1.9	18
12	Thermodynamics of Cesium Extraction from Acidic Media by HCCD and PEG. <i>Solvent Extraction and Ion Exchange</i> , 2010, 28, 563-578.	0.8	16
13	Redox-Based Separation of Americium from Lanthanides in Sulfate Media. <i>Separation Science and Technology</i> , 2010, 45, 1743-1752.	1.3	15
14	Radiation-induced effects on the extraction properties of hexa- n -octylnitrilo-triacetamide (HONTA) complexes of americium and europium. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 1343-1351.	1.3	15
15	Complexation of Lanthanides and Heavy Actinides with Aqueous Sulfur-Donating Ligands. <i>Inorganic Chemistry</i> , 2021, 60, 6125-6134.	1.9	15
16	The Chemistry of Separations Ligand Degradation by Organic Radical Cations. <i>Procedia Chemistry</i> , 2016, 21, 61-65.	0.7	14
17	Metal extraction by silyl-substituted diphosphonic acids. II. Effect of alkylene bridge length on aggregation and metal ion extraction behavior. <i>Separation Science and Technology</i> , 2002, 37, 2289-2315.	1.3	13
18	EXTRACTION OF ALKALINE EARTH AND ACTINIDE CATIONS BY MIXTURES OF DI(2-ETHYLHEXYL) ALKYLENEDIPHOSPHONIC ACIDS AND NEUTRAL SYNERGISTS. <i>Solvent Extraction and Ion Exchange</i> , 2002, 20, 447-469.	0.8	12

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37	Complete Recovery of Actinides from UREX-like Raffinates Using a Combination of Hard and Soft Donor Ligands. II. Soft Donor Structure Variation. Solvent Extraction and Ion Exchange, 2015, 33, 523-539.	0.8	4
38	Ion Interaction Models and Measurements of Eu ³⁺ Complexation: HEDTA in Aqueous Solutions at 25 °C Containing 1:1 Na ⁺ Salts and Citrate pH Buffer. Industrial & Engineering Chemistry Research, 2016, 55, 2083-2096.	1.8	4
39	Investigation of Acid-Base Equilibria for Symmetrically Substituted P, P'-Dialkyl Partial Esters of Bisphosphonic Acids. Journal of Solution Chemistry, 2005, 34, 869-880.	0.6	3
40	Toward understanding the thermodynamics of TALSPEAK process. Medium effects on actinide complexation. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012076.	0.3	3
41	Transient Radiation-Induced Berkelium(III) and Californium(III) Redox Chemistry in Aqueous Solution. Inorganic Chemistry, 2022, 61, 10822-10832.	1.9	3
42	Aminopolycarboxylates in trivalent f-element separations. Fundamental Theories of Physics, 2021, 60, 1-162.	0.1	2
43	Ion Interaction Models and Measurements of Eu ³⁺ Complexation: DTPA in Aqueous Solutions at 25 °C Containing 1:1 Na ⁺ Salts and Malonate pH Buffer. Industrial & Engineering Chemistry Research, 2016, 55, 2097-2118.	1.8	1
44	Recent Progress in the Development of Supercritical Carbon Dioxide-Soluble Metal Ion Extractants: Solubility Enhancement through Silicon Functionalization. ACS Symposium Series, 2006, , 250-267.	0.5	0
45	Dataset and kinetic model reaction compilation for the radical-induced degradation of formic acid and formate in aqueous solution. Data in Brief, 2020, 32, 106271.	0.5	0