

Catherine Rabbe

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	IR Fingerprints of U(VI) Nitrate Monoamides Complexes: A Joint Experimental and Theoretical Study. <i>Journal of Physical Chemistry A</i> , 2010, 114, 10878-10884.	2.5	12
2	Theoretical Study of Ln(III) Complexes with Polyaza-Aromatic Ligands: Geometries of [LnL(H ₂ O) _n] ³⁺ Complexes and Successes and Failures of TD-DFT. <i>Journal of Physical Chemistry A</i> , 2005, 109, 4325-4330.	2.5	46
3	A donor-acceptor model of Ln(III) complexation with terdentate nitrogen planar ligands. <i>New Journal of Chemistry</i> , 2002, 26, 234-242.	2.8	70
4	Title is missing!. <i>Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya</i> , 2002, 28, 249-258.	1.0	2
5	Mechanism of trivalent actinide/lanthanide separation using synergistic mixtures of di(chlorophenyl)dithiophosphinic acid and neutral O-bearing co-extractants. <i>New Journal of Chemistry</i> , 2001, 25, 491-501.	2.8	47
6	MECHANISM OF TRIVALENT ACTINIDE/LANTHANIDE SEPARATION USING BIS(2,4,4-TRIMETHYLPENTYL) DITHIOPHOSPHINIC ACID (CYANEX 301) AND NEUTRAL O-BEARING CO-EXTRACTANT SYNERGISTIC MIXTURES. <i>Solvent Extraction and Ion Exchange</i> , 2001, 19, 391-414.	2.0	75
7	Atomic charges for molecular dynamics calculations. <i>Computational and Theoretical Chemistry</i> , 2000, 507, 17-23.	1.5	9
8	Ab initio calculations with effective core potentials on trivalent lanthanide-terpyridine complexes. <i>Theoretical Chemistry Accounts</i> , 2000, 104, 280-283.	1.4	17
9	MOLECULAR MODELING STUDY OF URANYL NITRATE EXTRACTION WITH MONOAMIDES II. MOLECULAR MECHANICS AND LIPOPHILICITY CALCULATIONS. STRUCTURE-ACTIVITY RELATIONSHIPS. <i>Solvent Extraction and Ion Exchange</i> , 1999, 17, 87-112.	2.0	24
10	MOLECULAR MODELING STUDY OF URANYL NITRATE EXTRACTION WITH MONOAMIDES I. QUANTUM CHEMISTRY APPROACH. <i>Solvent Extraction and Ion Exchange</i> , 1998, 16, 1091-1109.	2.0	29