

# Catherine Rabbe

## List of Publications by Year in descending order

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