

Jerzy Narbutt

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Solvent Extraction for Nuclear Power. , 2020, , 725-744.		4
2	Fundamentals of Solvent Extraction of Metal Ions. , 2020, , 121-155.		6
3	Solvent Extraction Investigations on Pu(IV) and Th(IV) Complexes with Hydrophilic SO ₃ -Ph-BTP and SO ₃ -Ph-BTBP Ligands. Solvent Extraction and Ion Exchange, 2019, 37, 259-268.	2.0	2
4	Evaluation of the Hydrophilic Complexant <i>N,N,N',N'</i> -tetraethyldiglycolamide (TEDGA) and its Methyl-substituted Analogues in the Selective Am(III) Separation. Solvent Extraction and Ion Exchange, 2019, 37, 297-312.	2.0	17
5	Do An(III) and Ln(III) ions form heteroleptic complexes with diglycolamide and hydrophilic BT(B)P ligands in solvent extraction systems? A spectroscopic and DFT study. New Journal of Chemistry, 2019, 43, 6314-6322.	2.8	12
6	On the stoichiometry and stability of americium(III) complexes with a hydrophilic SO ₃ -Ph-BTP ligand, studied by liquid-liquid extraction. Journal of Radioanalytical and Nuclear Chemistry, 2016, 309, 891-897.	1.5	13
7	On the conformation of the actinide-selective hydrophilic SO ₃ -Ph-BTP ligand in aqueous solution. A computational study. Journal of Molecular Liquids, 2016, 219, 224-231.	4.9	12
8	Determination of formation constants of uranyl(VI) complexes with a hydrophilic SO ₃ -Ph-BTP ligand, using liquid-liquid extraction. Nukleonika, 2015, 60, 821-827.	0.8	4
9	The selectivity of diglycolamide (TODGA) and bis-triazine-bipyridine (BTBP) ligands in actinide/lanthanide complexation and solvent extraction separation – a theoretical approach. Dalton Transactions, 2015, 44, 2657-2666.	3.3	91
10	SACSESS – the EURATOM FP7 project on actinide separation from spent nuclear fuels. Nukleonika, 2015, 60, 809-814.	0.8	22
11	Selectivity of bis-triazinyl bipyridine ligands for americium(III) in Am/Eu separation by solvent extraction. Part 1. Quantum mechanical study on the structures of BTBP complexes and on the energy of the separation. Dalton Transactions, 2012, 41, 14416.	3.3	64
12	Neutral bidentate <i>N,N'</i> -heterocyclic ligands – phase transfer reagents improving the kinetics of solvent extraction of Am(III) and Eu(III) ions with tetradentate 6,6'-bis-(diethyl-1,2,4-triazin-3-yl)-2,2'-bipyridine. Radiochimica Acta, 2008, 96, 219-223.	1.2	17
13	Crystal structure of lead(II) acetylacetonate and the structure of the acetylacetonate solvated lead(II) ion in solution studied by large-angle X-ray scattering. Dalton Transactions, 2006, , 3972.	3.3	14
14	Outer-Sphere Hydration and Liquid-Liquid Partition of Metal(III) Chelates ? Density Functional Calculations. European Journal of Inorganic Chemistry, 2005, 2005, 555-562.	2.0	3
15	Seven-Coordinate d ⁰ and d ¹⁰ Ions – Computational and Experimental Studies on Tris(tropolonato)metal(III)-TOPO Adducts. European Journal of Inorganic Chemistry, 2001, 2001, 3187-3197.	2.0	10
16	High coordination numbers of metal ions in chelate complexes: molecular adducts of scandium tris- β -diketonates in solution. Inorganica Chimica Acta, 1999, 286, 175-180.	2.4	20
17	HYDRATION AND SOLVATION OF LEAD(II) ACETYLACETONATE AND THE COORDINATION NUMBER OF LEAD(II). Solvent Extraction and Ion Exchange, 1999, 17, 1271-1280.	2.0	9
18	Proton nuclear magnetic resonance and infra-red studies of the outer-sphere hydration of pentane-2,4-dionato metal complexes in benzene solution. Journal of Solution Chemistry, 1991, 20, 1227-1235.	1.2	6

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19	Liquid-liquid partition and hydration of cobalt(III) acetylacetonate and cobalt(III) monothioacetylacetonate. <i>The Journal of Physical Chemistry</i> , 1991, 95, 3432-3435.	2.9	17