M Yu Alyapyshev

List of Publications by Year
in descending order

24	859	471509 17	610901 24
papers	citations	h-index	g-index

24	24	24	470
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Recovery of minor actinides from high-level wastes: modern trends. Russian Chemical Reviews, 2016, 85, 943-961.	6.5	79
2	Dependence of Extraction Properties of 2,6-Dicarboxypyridine Diamides on Extractant Structure. Solvent Extraction and Ion Exchange, 2011, 29, 619-636.	2.0	73
3	New Diamides of 2,2â€²-dipyridyl-6,6â€²-dicarboxylic Acid for Actinide-Lanthanide Separation. Solvent Extraction and Ion Exchange, 2014, 32, 138-152.	2.0	70
4	1,10-Phenanthroline-2,9-dicarboxamides as ligands for separation and sensing of hazardous metals. RSC Advances, 2016, 6, 68642-68652.	3.6	68
5	Metal extraction by N,Nâ€²-dialkyl-N,Nâ€²-diaryl-dipicolinamides from nitric acid solutions. Radiochimica Acta, 2007, 95, 217-223.	1.2	66
6	2,2â€²-Dipyridyl-6,6â€²-dicarboxylic acid diamides: Synthesis, complexation and extraction properties. Polyhedron, 2010, 29, 1998-2005.	2.2	60
7	N,Nâ€²-Dialkyl-N,Nâ€²-diaryl-1,10-phenanthroline-2,9-dicarboxamides as donor ligands for separation of rare earth elements with a high and unusual selectivity. DFT computational and experimental studies. Chemical Communications, 2015, 51, 7466-7469.	4.1	50
8	Quantum chemical modelling of extraction separation of minor actinides and lanthanides: the state of the art. Russian Chemical Reviews, 2016, 85, 917-942.	6.5	47
9	Novel diamides of 2,2â€²-dipyridyl-6,6â€²-dicarboxylic acid: synthesis, coordination properties, and possibilities of use in electrochemical sensors and liquid extraction. Russian Chemical Bulletin, 2012, 61, 881-890.	1.5	43
10	A novel highly selective ligand for separation of actinides and lanthanides in the nuclear fuel cycle. Experimental verification of the theoretical prediction. Dalton Transactions, 2017, 46, 10926-10934.	3.3	40
11	New systems based on 2,2â€™-dipyridyl-6,6â€™-dicarboxylic acid diamides for Amâ€“Eu separation. Mendeleev Communications, 2008, 18, 336-337.	1.6	38
12	Pyridinedicarboxylic Acid Diamides as Selective Ligands for Extraction and Separation of Trivalent Lanthanides and Actinides: DFT Study. Solvent Extraction and Ion Exchange, 2014, 32, 508-528.	2.0	35
13	Extraction of actinides with heterocyclic dicarboxamides. Journal of Radioanalytical and Nuclear Chemistry, 2018, 316, 419-428.	1.5	31
14	Extraction of Lanthanoids with Diamides of Dipcolinic Acid from Nitric Acid Solutions. II. Synergistic Effect of Ethyl-Tolyl Derivates and Dicarbollide Cobalt. Solvent Extraction and Ion Exchange, 2013, 31, 184-197.	2.0	29
15	Amides of heterocyclic carboxylic acids as novel extractants for high-level waste treatment. Radiochemistry, 2014, 56, 565-574.	0.7	27
16	New polar fluorinated diluents for diamide extractants. Journal of Radioanalytical and Nuclear Chemistry, 2016, 310, 785-792.	1.5	23
17	New polymeric chemical sensors for determination of lead ions. Russian Journal of Applied Chemistry, 2009, 82, 247-254.	0.5	17
18	Complexes of Uranyl Nitrate with 2,6-Pyridinedicarboxamides: Synthesis, Crystal Structure, and DFT Study. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2017, 643, 585-592.	1.2	13

#	Article	IF	Citations
19	Fluorinated Carbonates as New Diluents for Extraction and Separation of f-Block Elements. Solvent Extraction and Ion Exchange, 2020, 38, 180-193.	2.0	13
20	Various flowsheets of actinides recovery with diamides of heterocyclic dicarboxylic acids. Journal of Radioanalytical and Nuclear Chemistry, 2017, 312, 47-58.	1.5	10
21	Coordination of uranium(VI) withN,N'-diethyl-N,N'-ditolyldipicolinamide. IOP Conference Series: Materials Science and Engineering, 2010, 9, 012029.	0.6	9
22	Extraction of Actinides with Tributyl Phosphate in Carbonates of Fluorinated Alcohols. Solvent Extraction and Ion Exchange, 2021, 39, 255-270.	2.0	7
23	Potentiometric Sensors and Multisensor Systems for the Determination of Lanthanides. Journal of Analytical Chemistry, 2019, 74, 1003-1018.	0.9	6
24	Polymeric sensors for determination of rare-earth metal ions, based on diamides of dipicolinic acid. Russian Journal of Applied Chemistry, 2011, 84, 1354-1361.	0.5	5