Elena A Chernikova

List of Publications by Year
in descending order

21 papers	477 citations	1040056 9 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	494 citing authors

#	Article	IF	Citations
1	Measuring and predicting Î”vapH298 values of ionic liquids. Physical Chemistry Chemical Physics, 2009, 11, 8544.	2.8	155
2	Ionic liquids as heat transfer fluids: comparison with known systems, possible applications, advantages and disadvantages. Russian Chemical Reviews, 2015, 84, 875-890.	6.5	90
3	The enthalpies of vaporisation of ionic liquids: new measurements and predictions. Physical Chemistry Chemical Physics, 2012, 14, 3181.	2.8	66
4	Ionic liquids based on the imidazolium cation in platinum and titanium electropolishing. Green Chemistry, 2011, 13, 1004.	9.0	23
5	Water as an Inhibitor of Metal Corrosion in Hydrophobic Ionic Liquids. Journal of Physical Chemistry C, 2012, 116, 22526-22531.	3.1	21
6	Mass spectrometric studies of 1â€ethylâ€3â€methylimidazolium and 1â€propylâ€2,3â€dimethylimidazolium bis(trifluoromethyl)â€sulfonylimides. Rapid Communications in Mass Spectrometry, 2015, 29, 1227-1232.	1.5	16
7	A correlation of caesiumâ€“18-crown-6 complex formation constants with the extraction capability for hydrophobic ionic liquids. Mendeleev Communications, 2010, 20, 122-124.	1.6	15
8	Thermodynamics of cesium complexes formation with 18-crown-6 in ionic liquids. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2010, 66, 223-230.	1.6	11
9	Synthesis and properties of ionic liquids with siloxane-functionalized cations. Russian Chemical Bulletin, 2014, 63, 2702-2706.	1.5	10
10	Synthesis and properties of dicationic ionic liquids containing a siloxane structural moiety. Russian Journal of Physical Chemistry A, 2015, 89, 2204-2209.	0.6	10
11	Hydroxyl-containing ionic liquids as heat-transfer agents. Mendeleev Communications, 2017, 27, 605-607.	1.6	10
12	Stability constants of cesium complexes with 18-crown-6 in ionic liquids. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2008, 34, 635-640.	1.0	8
13	The evaporation study of silicon-containing ionic liquid. Chemical Physics Letters, 2016, 657, 8-10.	2.6	8
14	Evaporation Study of an Ionic Liquid with a Double-Charged Cation. Journal of Physical Chemistry A, 2018, 122, 4622-4627.	2.5	7
15	Properties of Dicationic Disiloxane Ionic Liquids. Molecules, 2020, 25, 2949.	3.8	7
16	Thermodynamics of complex formation in ionic liquids: cesium complexes with 18-crown-6. Mendeleev Communications, 2009, 19, 196-197.	1.6	5
17	Dicationic disiloxane ionic liquids. Mendeleev Communications, 2020, 30, 114-116.	1.6	5
18	Synthesis of Polydimethylsiloxane Polymacromonomers. Doklady Physical Chemistry, 2003, 388, 48-52.	0.9	4

#	Article	IF	Citations
19	Meso- and macroporous materials modified with amines for CO2 storage. Russian Journal of Organic Chemistry, 2014, 50, 1556-1557.	0.8	3
20	Adsorbents of Đ¡Đž2 based on amine-modified porous materials. Russian Chemical Bulletin, 2015, 64, 2958-2962.	1.5	2
21	Effect of chelating agents on the selectivity of a hydrophobic ionic liquid membrane. Russian Journal of Inorganic Chemistry, 2012, 57, 751-753.	1.3	1