Irina V Beregovaya

List of Publications by Year
in descending order

23	235	1163117 8	996975 15
papers	citations	h-index	g-index

23	23	23	198
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fragmentation of Radical Anions of Polyfluorinated Benzoates. Journal of Physical Chemistry A, 2000, 104, 352-361.	2.5	40
2	Substitution of a Fluorine Atom in Perfluorobenzonitrile by a Lithiated Nitronyl Nitroxide. Journal of Organic Chemistry, 2017, 82, 4179-4185.	3.2	27
3	Intramolecular Dynamics of 1,2,3-Trifluorobenzene Radical Anions As Studied by OD ESR and Quantum-Chemical Methods. Journal of Physical Chemistry A, 2005, 109, 4404-4409.	2.5	26
4	N-Acetylation as a Means to Activate Polyfluoroarylamines for Selectiveortho-Hydrodefluorination by Zinc in Aqueous Ammonia: A Concise Route to Polyfluorobenzo Azaheterocycles. European Journal of Organic Chemistry, 2007, 2007, 306-316.	2.4	25
5	Potential energy surfaces of fluorobenzene radical anions. International Journal of Quantum Chemistry, 2002, 88, 481-488.	2.0	24
6	Structure and Stability of Pentafluoroaniline and 4-Aminononafluorobiphenyl Radical Anions: Optically Detected Electron Paramagnetic Resonance, Time-Resolved Fluorescence, Time-Resolved Magnetic Field Effect, and Quantum Chemical Study. Journal of Physical Chemistry A, 2015, 119, 8443-8451.	2.5	15
7	Hydrodefluorination of polyfluoro-2-naphthylamines by Zn in aqueous NH3: A correlation of the product distribution and the computationally predicted regioselectivity of the substrate radical anion fragmentation. Journal of Fluorine Chemistry, 2012, 137, 64-72.	1.7	14
8	Potential energy surface as a key to understanding the structure and properties of shortâ€living radical ions of cyclic organic molecules. International Journal of Quantum Chemistry, 2016, 116, 161-173.	2.0	10
9	Pseudorotation as a mechanism for intramolecular electron density transfer. Fragmentation of the octafluoronaphthalene radical anion. Journal of Fluorine Chemistry, 2014, 163, 1-6.	1.7	9
10	Pseudorotation in Radical Cations of Low-Symmetric Decalin Molecules. Journal of Physical Chemistry A, 2009, 113, 1555-1558.	2.5	7
11	Optically detected ESR spectrum of decafluorobiphenyl radical anions. Mendeleev Communications, 2006, 16, 151-152.	1.6	6
12	Position-dependent fragmentation mechanism for radical anions of fluorinated benzoates. Journal of Fluorine Chemistry, 2016, 188, 171-176.	1.7	6
13	Interaction of spin-correlated radical pair with a third radical: Combined effect of spin-exchange interaction and spin-selective reaction. Journal of Chemical Physics, 2019, 151, 224308.	3.0	5
14	Dimer Radical Anions of Polyfluoroarenes. Two More to a Small Family. Journal of Physical Chemistry A, 2019, 123, 10968-10975.	2.5	4
15	Unexpected hydrodefluorination of 3-Cl-tetrafluoropyridine. Interpretation through analysis of the potential energy surface for its radical anion. Journal of Fluorine Chemistry, 2020, 234, 109513.	1.7	4
16	Radical Cationic Pathway for the Decay of Ionized Glyme Molecules in Liquid Solution. Journal of Physical Chemistry B, 2015, 119, 14472-14478.	2.6	3
17	Synthesis of 1-(tetrafluorophenyl)perfluoro-1-phenylethanes and their cyclization into polyfluoro-9-methylfluorenes under the action of antimony pentafluoride. Journal of Fluorine Chemistry, 2020, 237, 109615.	1.7	3
18	Potential energy surfaces of fluorobenzene radical anions. International Journal of Quantum Chemistry, 2002, 88, 481-488.	2.0	2

#	Article	IF	Citations
19	An Updated View of Primary Ionization Processes in Polar Liquids. Journal of Physical Chemistry Letters, 2021, 12, 11573-11577.	4.6	2
20	Multispin Systems with a Rigid Ferroceneâ€1,1â€²â€diylâ€Substituted 1,3â€Diazetidineâ€2,4â€diimine Coupler: A General Approach. European Journal of Organic Chemistry, 2022, 2022, .	2.4	2
21	Cover Feature: Multispin Systems with a Rigid Ferroceneâ€1,1â€²â€diylâ€Substituted 1,3â€Diazetidineâ€2,4â€diimine Coupler: A General Approach (Eur. J. Org. Chem. 7/2022). European Journal of Organic Chemistry, 2022, 2022, .	2.4	1
22	Primary Radical Cations in Irradiated Poly(isobutylene). Journal of Physical Chemistry B, 2020, 124, 7059-7066.	2.6	0
23	Potential energy surfaces of a stacked dimer of benzene and its radical cation: what remains and what appears. Physical Chemistry Chemical Physics, 0, , .	2.8	0