

Sofja Tshepelevitsh

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

25
papers

483
citations

9
h-index

21
g-index

26
ext. papers

700
ext. citations

4.9
avg, IF

3.69
L-index

#	Paper	IF	Citations
25	Inducing a pH-dependent conformational response by competitive binding to Zn of a series of chiral ligands of disparate basicity.. <i>Chemical Science</i> , 2022 , 13, 2258-2269	9.4	0
24	Sodium adduct formation with graph-based machine learning can aid structural elucidation in non-targeted LC/ESI/HRMS.. <i>Analytica Chimica Acta</i> , 2022 , 1204, 339402	6.6	1
23	Experimental and Computational Study of Aminoacridines as MALDI(-)-MS Matrix Materials for the Analysis of Complex Samples. <i>Journal of the American Society for Mass Spectrometry</i> , 2021 , 32, 1080-1093	3.5	0
22	Aiding a Better Understanding of Molybdopterin: Syntheses, Structures, and pKa Value Determinations of Varied Pterin-Derived Organic Scaffolds Including Oxygen, Sulfur and Phosphorus Bearing Substituents. <i>Journal of Molecular Structure</i> , 2021 , 1230, 129867	3.4	0
21	Quantitative analysis of the relationship of derivatization reagents and detection sensitivity of electrospray ionization-triple quadrupole tandem mass spectrometry: Hydrazines as prototypes. <i>Analytica Chimica Acta</i> , 2021 , 1158, 338402	6.6	
20	Strengths of Acids in Acetonitrile. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 1407-1419	3.2	16
19	Acid-Base and Anion Binding Properties of Tetrafluorinated 1,3-Benzodiazole, 1,2,3-Benzotriazole and 2,1,3-Benzoselenadiazole. <i>ChemPhysChem</i> , 2021 , 22, 2329-2335	3.2	
18	Quantitative electrospray ionization efficiency scale: 10 years after. <i>Rapid Communications in Mass Spectrometry</i> , 2021 , 35, e9178	2.2	2
17	LogP determination for highly lipophilic hydrogen-bonding anion receptor molecules. <i>Analytica Chimica Acta</i> , 2020 , 1132, 123-133	6.6	5
16	On the Basicity of Organic Bases in Different Media. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6735-6748	3.2	110
15	Synthesis and photophysics of a series of lipophilic phosphazene-based fluorescent indicators. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3950	2.1	8
14	Comment on "Example of transesterification: a name reaction that has misled us for 90 years" by B. Ren, M. Wang, J. Liu, J. Ge, X. Zhang and H. Dong, <i>Green Chemistry</i> , 2015, 17, 1390-1394. <i>Green Chemistry</i> , 2018 , 20, 2392-2394	10	1
13	pKa values in organic chemistry [Making maximum use of the available data. <i>Tetrahedron Letters</i> , 2018 , 59, 3738-3748	2	72
12	Prediction of partition and distribution coefficients in various solvent pairs with COSMO-RS. <i>Journal of Computer-Aided Molecular Design</i> , 2018 , 32, 711-722	4.2	5
11	Synthesis and properties of highly lipophilic phosphazene bases. <i>Tetrahedron Letters</i> , 2017 , 58, 2098-2102		6
10	Method development for the analysis of resinous materials with MALDI-FT-ICR-MS: novel internal standards and a new matrix material for negative ion mode. <i>Journal of Mass Spectrometry</i> , 2017 , 52, 603-617	2.2	9
9	On the Basicity of Conjugated Nitrogen Heterocycles in Different Media. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4475-4489	3.2	77

8	Hydrogen-Bond Donicity in DMSO and Gas Phase and Its Dependence on Brønsted Acidity. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 357-369	2.8	10
7	Systematic Optimization of Liquid-Liquid Extraction for Isolation of Unidentified Components. <i>ACS Omega</i> , 2017 , 2, 7772-7776	3.9	9
6	Experimental Basicities of Superbasic Phosphonium Ylides and Phosphazenes. <i>Journal of Organic Chemistry</i> , 2016 , 81, 7349-61	4.2	32
5	Conformational Switching of a Foldamer in a Multicomponent System by pH-Filtered Selection between Competing Noncovalent Interactions. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6680-91	16.4	44
4	Basicity Limits of Neutral Organic Superbases. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9262-5.4	5.4	54
3	Basicity Limits of Neutral Organic Superbases. <i>Angewandte Chemie</i> , 2015 , 127, 9394-9397	3.6	11
2	Evaluating the COSMO-RS method for modeling hydrogen bonding in solution. <i>ChemPhysChem</i> , 2013 , 14, 1909-19	3.2	7
1	Synthesis and Physicochemical Properties of 2-SF ₅ -(Aza)Indoles, a New Family of SF ₅ Heterocycles. <i>ACS Organic & Inorganic Au</i> ,		3