

# Sofja Tshepelevitsh

## List of Publications by Citations

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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	On the Basicity of Organic Bases in Different Media. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 6735-6748	3.2	110
24	On the Basicity of Conjugated Nitrogen Heterocycles in Different Media. <i>European Journal of Organic Chemistry</i> , <b>2017</b> , 2017, 4475-4489	3.2	77
23	pKa values in organic chemistry [Making maximum use of the available data. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 3738-3748	2	72
22	Basicity Limits of Neutral Organic Superbases. <i>Angewandte Chemie - International Edition</i> , <b>2015</b> , 54, 9262-9265	15.4	54
21	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> , <b>2015</b> , 137, 6680-6684	16.4	44
20	Experimental Basicities of Superbasic Phosphonium Ylides and Phosphazenes. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 7349-61	4.2	32
19	Strengths of Acids in Acetonitrile. <i>European Journal of Organic Chemistry</i> , <b>2021</b> , 2021, 1407-1419	3.2	16
18	Basicity Limits of Neutral Organic Superbases. <i>Angewandte Chemie</i> , <b>2015</b> , 127, 9394-9397	3.6	11
17	Hydrogen-Bond Donicity in DMSO and Gas Phase and Its Dependence on Brønsted Acidity. <i>Journal of Physical Chemistry A</i> , <b>2017</b> , 121, 357-369	2.8	10
16	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> , <b>2017</b> , 52, 603-617	2.2	9
15	Systematic Optimization of Liquid-Liquid Extraction for Isolation of Unidentified Components. <i>ACS Omega</i> , <b>2017</b> , 2, 7772-7776	3.9	9
14	Synthesis and photophysics of a series of lipophilic phosphazene-based fluorescent indicators. <i>Journal of Physical Organic Chemistry</i> , <b>2019</b> , 32, e3950	2.1	8
13	Evaluating the COSMO-RS method for modeling hydrogen bonding in solution. <i>ChemPhysChem</i> , <b>2013</b> , 14, 1909-19	3.2	7
12	Synthesis and properties of highly lipophilic phosphazene bases. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 2098-2102	2	6
11	LogP determination for highly lipophilic hydrogen-bonding anion receptor molecules. <i>Analytica Chimica Acta</i> , <b>2020</b> , 1132, 123-133	6.6	5
10	Prediction of partition and distribution coefficients in various solvent pairs with COSMO-RS. <i>Journal of Computer-Aided Molecular Design</i> , <b>2018</b> , 32, 711-722	4.2	5
9	Synthesis and Physicochemical Properties of 2-SF5-(Aza)Indoles, a New Family of SF5 Heterocycles. <i>ACS Organic &amp; Inorganic Au</i> ,		3

8	Quantitative electrospray ionization efficiency scale: 10 years after. <i>Rapid Communications in Mass Spectrometry</i> , <b>2021</b> , 35, e9178	2.2	2
7	Comment on $\alpha$ -amylase 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> , <b>2018</b> , 20, 2392-2394	10	1
6	Sodium adduct formation with graph-based machine learning can aid structural elucidation in non-targeted LC/ESI/HRMS. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1204, 339402	6.6	1
5	Inducing a pH-dependent conformational response by competitive binding to Zn of a series of chiral ligands of disparate basicity. <i>Chemical Science</i> , <b>2022</b> , 13, 2258-2269	9.4	0
4	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> , <b>2021</b> , 32, 1080-1093	3.5	0
3	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> , <b>2021</b> , 1230, 129867	3.4	0
2	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> , <b>2021</b> , 1158, 338402	6.6	
1	Acid-Base and Anion Binding Properties of Tetrafluorinated 1,3-Benzodiazole, 1,2,3-Benzotriazole and 2,1,3-Benzoselenadiazole. <i>ChemPhysChem</i> , <b>2021</b> , 22, 2329-2335	3.2	