

Sofja Tshepelevitsh

List of Publications by Year in descending order

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papers

926
citations

840585

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26
g-index

26
all docs

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docs citations

26
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	On the Basicity of Organic Bases in Different Media. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6735-6748.	1.2	272
2	On the Basicity of Conjugated Nitrogen Heterocycles in Different Media. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4475-4489.	1.2	121
3	pKa values in organic chemistry – Making maximum use of the available data. <i>Tetrahedron Letters</i> , 2018, 59, 3738-3748.	0.7	117
4	Strengths of Acids in Acetonitrile. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1407-1419.	1.2	80
5	Basicity Limits of Neutral Organic Superbases. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9262-9265.	7.2	72
6	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, 6680-6691.	6.6	60
7	Experimental Basicities of Superbasic Phosphonium Ylides and Phosphazenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 7349-7361.	1.7	51
8	Synthesis and Physicochemical Properties of 2-SF ₅ -(Aza)Indoles, a New Family of SF ₅ Heterocycles. <i>ACS Organic & Inorganic Au</i> , 2021, 1, 43-50.	1.9	25
9	Systematic Optimization of Liquid–Liquid Extraction for Isolation of Unidentified Components. <i>ACS Omega</i> , 2017, 2, 7772-7776.	1.6	16
10	Synthesis and photophysics of a series of lipophilic phosphazene-based fluorescent indicators. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3950.	0.9	12
11	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.	0.7	11
12	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.	1.1	11
13	Evaluating the COSMO-RS Method for Modeling Hydrogen Bonding in Solution. <i>ChemPhysChem</i> , 2013, 14, 1909-1919.	1.0	10
14	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.	1.3	10
15	Synthesis and properties of highly lipophilic phosphazene bases. <i>Tetrahedron Letters</i> , 2017, 58, 2098-2102.	0.7	9
16	LogP determination for highly lipophilic hydrogen-bonding anion receptor molecules. <i>Analytica Chimica Acta</i> , 2020, 1132, 123-133.	2.6	8
17	Experimental and Computational Study of Aminoacridines as MALDI(FT)-MS Matrix Materials for the Analysis of Complex Samples. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1080-1095.	1.2	4
18	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.	1.8	4

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19	Quantitative electrospray ionization efficiency scale: 10 years after. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9178.	0.7	4
20	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.	2.6	4
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.	2.6	3
22	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.	1.0	3
23	Biphasic pKa Values. <i>Croatica Chemica Acta</i> , 2018, 91, .	0.1	3
24	Inducing a pH-dependent conformational response by competitive binding to Zn ²⁺ of a series of chiral ligands of disparate basicity. <i>Chemical Science</i> , 2022, 13, 2258-2269.	3.7	3
25	Comment on "Zemplén 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.	4.6	1