Victor P Zelenov

List of Publications by Year
in descending order

22	223	1040056 9	996975 15
papers	citations	h-index	g-index

23	23	23	124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Synthesis of 1,2,3,4-tetrazine 1,3-dioxides annulated with 1,2,3-triazoles and 1,2,3-triazole 1-oxides. Tetrahedron, 2014, 70, 3018-3022.	1.9	33
2	Synthesis of 1H-[1,2,3]triazolo[4,5-e][1,2,3,4]tetrazine 4,6-dioxide and its methyl derivatives. Russian Chemical Bulletin, 2015, 64, 699-703.	1.5	20
3	Time for quartet: the stable 3â€‰:â€‰1 cocrystal formulation of FTDO and BTF â€“ a high-energy-density material. CrystEngComm, 2020, 22, 4823-4832.	2.6	20
4	The unusual combination of beauty and power of furoxano-1,2,3,4-tetrazine 1,3-dioxides: a theoretical study of crystal structures. Journal of Molecular Modeling, 2019, 25, 107.	1.8	17
5	Amino(tert-butyl-NNO-azoxy)furoxans: synthesis, isomerization, and rearrangement of N-acetyl derivatives. Russian Chemical Bulletin, 2013, 62, 117-122.	1.5	16
6	Alkylation of 1-hydroxy-1H-[1,2,3]triazolo[4,5-e][1,2,3,4]tetrazine 5,7-dioxide. Russian Chemical Bulletin, 2014, 63, 475-479.	1.5	14
7	2-Alkyl-4-amino-5-(tert-butyl-NNO-azoxy)-2H-1,2,3-triazole 1-oxides: synthesis and reduction. Russian Chemical Bulletin, 2014, 63, 123-129.	1.5	13
8	Trifluoroacetyl nitrate. Mendeleev Communications, 2017, 27, 31-34.	1.6	13
9	Generation of oxodiazonium ions 3. Synthesis of [1,2,5]oxadiazolo[3,4-c]cinnoline-1,5-dioxides. Russian Chemical Bulletin, 2011, 60, 2046-2050.	1.5	12
10	Oxodiazonium ion generation 5. 3-(N-Nitroamino)-4-phenylfuroxan: synthesis and reactivity. Russian Chemical Bulletin, 2012, 61, 351-354.	1.5	8
11	A new type of the dinitrogen pentoxideâ€“acid interaction. Mendeleev Communications, 2017, 27, 355-356.	1.6	7
12	Syntheses of Nitronium Salts: A New Strategy towards Solid Nitronium Monosulfates. ChemistrySelect, 2017, 2, 11886-11890.	1.5	7
13	Efficient methods for the synthesis of 1,2,3,4-tetrazine 1,3-dioxides annulated with five-membered polynitrogen heterocycles. Russian Chemical Bulletin, 2021, 70, 369-377.	1.5	7
14	Diâ€•and trioxides of triazolotetrazine: Computational prediction of crystal structures and estimation of physicochemical characteristics. Journal of Computational Chemistry, 2022, 43, 778-784.	3.3	7
15	X-ray study and computational model of the solid solvate of [1,2,5]oxadiazolo[3,4-Đµ][1,2,3,4]tetrazine 4,6-dioxide (FTDO) with benzene and ab initio crystal structure prediction of pure FTDO. Journal of Molecular Structure, 2019, 1190, 135-143.	3.6	6
16	Transformations of 3(4)-amino-4(3)-(tert-butyl-NNO-azoxy)furoxans in the annulation reactions into 1,2,3,4-tetrazine 1,3-dioxides. Russian Chemical Bulletin, 2017, 66, 1240-1249.	1.5	5
17	Quest: structure and properties of BTFâ€“nitrobenzene cocrystals with different ratios of components. CrystEngComm, 2022, 24, 235-250.	2.6	5
18	Reactions of nitronium sulfates: Hunting for dinitro sulfate. Journal of Raman Spectroscopy, 2019, 50, 1753-1762.	2.5	4

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19	Synthesis of first representatives of 5-diazo-1,2,3-triazol-4-ones. Russian Chemical Bulletin, 2015, 64, 2970-2972.	1.5	3
20	Electron-withdrawing effect of Î±-substituents in acyl nitrates on the polarization of the Oâ€“NO2 bond. Mendeleev Communications, 2018, 28, 641-643.	1.6	2
21	Synthesis and mutual transformations of nitronium tetrakis(nitrooxy)- and tetrakis(2,2,2-trifluoroacetoxy)borates. New Journal of Chemistry, 2020, 44, 13944-13951.	2.8	2
22	A comparative estimate of the electron-withdrawing effect of polyfluorinated substituents on the polarization of the O-NO2 bond in nitro esters of perfluorocarboxylic acids. Fluorine Notes, 2017, 115, 4-4.	0.1	2