

Aleksei B Sheremetev

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.

152 papers	2,437 citations	28 h-index	40 g-index
184 ext. papers	2,877 ext. citations	2.4 avg, IF	5.13 L-index

#	Paper	IF	Citations
152	Combined gas-phase electron diffraction and coupled cluster determination of the molecular structure of 3,4-dinitrofurazan - A propellant ingredient. <i>Journal of Molecular Structure</i> , 2022 , 1250, 131669	2.4	3
151	Bis(furazano)pyridinone N,N'-dioxide: a new high-density insensitive explosive. <i>Mendeleev Communications</i> , 2022 , 32, 114-116	1.9	3
150	Novel energetic CNO oxidizer: Pernitro-substituted pyrazolyl-furazan framework. <i>FirePhysChem</i> , 2021 , 1, 83-89		7
149	Nitroxy- and azidomethyl azofurazans as advanced energetic materials. <i>Defence Technology</i> , 2021 ,	3	1
148	Sensitivity of energetic materials: Evidence of thermodynamic factor on a large array of CHNOFCl compounds. <i>Chemical Engineering Journal</i> , 2021 , 421, 129804	14.7	16
147	Recent Synthetic Efforts towards High Energy Density Materials: How to Design High-Performance Energetic Structures?. <i>FirePhysChem</i> , 2021 ,		14
146	Novel organic magnet derived from pyrazine-fused furazans. <i>Mendeleev Communications</i> , 2021 , 31, 784-788	1.8	0
145	Energetic Co-Crystal of a Primary Metal-Free Explosive with BTF. Ideal Pair for Co-Crystallization.. <i>Molecules</i> , 2021 , 26,	4.8	1
144	3,4-Dinitrofurazan: Structural Nonequivalence of ortho-Nitro Groups as a Key Feature of the Crystal Structure and Density. <i>ChemistrySelect</i> , 2020 , 5, 14543-14548	1.8	12
143	Synthesis of 4,4'-Bis[3-(Fluorodinitromethyl)-1H-1,2,4-triazol-5-Yl]azofurazan. <i>Chemistry of Heterocyclic Compounds</i> , 2020 , 56, 619-622	1.4	4
142	Thermochemical Properties of [1,2,4]Triazolo[4,3-b]-[1,2,4,5]tetrazine Derivatives. <i>Russian Journal of Physical Chemistry B</i> , 2020 , 14, 69-72	1.2	4
141	Reactivity of Azasydnones: Unusual Diversity in Reactions of Chloro- and Nitrophenyl Derivatives with Nitrogen Nucleophiles. <i>Asian Journal of Organic Chemistry</i> , 2020 , 9, 811-817	3	6
140	Increasing the burning rate through energetic compound tuning: Hybrids of the furazan and [1,2,4]triazolo[4,3-b][1,2,4,5]tetrazine ring systems. <i>Combustion and Flame</i> , 2020 , 213, 343-356	5.3	6
139	3-Amino-4-(1-amino-2-cyanovinyl)furazans: synthesis and cyclization. <i>Chemistry of Heterocyclic Compounds</i> , 2020 , 56, 1103-1107	1.4	4
138	Furazan-Fused Azacyclic Nitramines: Influence of Structural Features on the Combustion and the Thermolysis. <i>ChemistrySelect</i> , 2020 , 5, 13868-13877	1.8	1
137	Improved Synthesis and Thermochemical Properties of Amino- and Hydrazino-1,2,4,5-Tetrazines. <i>Chemistry of Heterocyclic Compounds</i> , 2020 , 56, 1449-1453	1.4	0
136	Perchlorylamino furazans and their salts: new high-energy-density materials with high sensitivity. <i>Mendeleev Communications</i> , 2020 , 30, 490-493	1.9	3

135	Oxidative ability of organic iodine(III) reagents: a theoretical assessment. <i>New Journal of Chemistry</i> , 2020 , 44, 7051-7057	3.6	5
134	An unusual Fluorodinitroethylation Reaction of 3-Azidopyrazole. <i>Chemistry of Heterocyclic Compounds</i> , 2019 , 55, 779-782	1.4	7
133	N-(2-Fluoro-2,2-dinitroethyl)azoles: a novel assembly of diverse explosophoric building blocks for energetic compound design. <i>Organic Chemistry Frontiers</i> , 2019 , 6, 249-255	5.2	27
132	Nitration of Azasydnones and Azasydnonimines: A Method for the Functionalization of Aryl Derivatives. <i>ChemPlusChem</i> , 2019 , 84, 802-809	2.8	14
131	Synthesis and Characterization of 3-(5-(Fluorodinitromethyl)-1H-1,2,4-triazol-3-yl)-4-nitrofurazan: A Novel Promising Energetic Component of Boron-based Fuels for Rocket Ramjet Engines. <i>Chemistry - an Asian Journal</i> , 2019 , 14, 4255-4261	4.5	9
130	Experimental determination of the standard enthalpy of formation of 4H,8H-bis(furazano)[3,4-b:3',4'-e]pyrazine and evaluation of its performance as a dispersant of solid fuels. <i>Russian Chemical Bulletin</i> , 2019 , 68, 1856-1859	1.7	4
129	Effects of Aluminum Additions on the Specific Impulse of Propellants Based on High-Enthalpy Oxidizers Containing NO ₂ and NF ₂ Groups. <i>Russian Journal of Physical Chemistry B</i> , 2019 , 13, 755-762	1.2	6
128	Pyrazole-Tetrazole Hybrid with Trinitromethyl, Fluorodinitromethyl, or (Difluoroamino)dinitromethyl Groups: High-Performance Energetic Materials. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 1165-1172	4.5	56
127	1-Amino-1-hydroxyamino-2,2-dinitroethene: novel insights in chemistry of FOX-7. <i>Mendeleev Communications</i> , 2018 , 28, 135-137	1.9	13
126	Step by step and one-pot syntheses of 5-hydroxy-5-(polyfluoroalkyl)isoxazol-4(5H)-one oximes. <i>Mendeleev Communications</i> , 2018 , 28, 126-127	1.9	5
125	Pyrazolyltetrazoles—High-Enthalpy Backbone for Designing High-Energy Compounds: An Experimental Study of the Enthalpy of Formation. <i>Doklady Physical Chemistry</i> , 2018 , 478, 15-18	0.8	13
124	Energetic abilities of nitro derivatives of isomeric (pyrazol-3-yl)tetrazoles as components of solid composite propellants. <i>Russian Chemical Bulletin</i> , 2018 , 67, 1580-1588	1.7	11
123	Synthesis and some transformations of 2-[(4-aminofurazan-3-yl)-1H-1,2,4-triazol-5-yl]acetic acid derivatives. <i>Russian Chemical Bulletin</i> , 2018 , 67, 2035-2043	1.7	3
122	Synthesis and structural features of 2-halo-2,2-dinitroacetamidoximes. <i>Russian Chemical Bulletin</i> , 2018 , 67, 2058-2064	1.7	0
121	Polynitromethyl derivatives of furazano[3,4-e]di([1,2,4]triazolo)-[4,3-a:3',4'-c]pyrazine as components of solid composite propellants. <i>Russian Chemical Bulletin</i> , 2018 , 67, 2065-2072	1.7	6
120	Azasydnone [novel green]building block for designing high energetic compounds. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 18669-18676	13	38
119	Bipyrazole bearing ten nitro groups [a novel highly dense oxidizer for forward-looking rocket propulsions. <i>Journal of Materials Chemistry A</i> , 2018 , 6, 14780-14786	13	59
118	Organic and hybrid systems: from science to practice. <i>Mendeleev Communications</i> , 2017 , 27, 425-438	1.9	79

117	A simple and efficient synthesis of 3-(polyfluoroalkyl)propane-1,2,3-trione 2-oximes. <i>Mendeleev Communications</i> , 2017 , 27, 464-465	1.9	4
116	3-Alkyl-4-nitrofurazans [plasticizers for polymers. <i>Chemistry of Heterocyclic Compounds</i> , 2017 , 53, 740-745.	4.4	3
115	High-density insensitive energetic materials: 2,4,6-tris(2-fluoro-2,2-dinitroethoxy)-1,3,5-triazine. <i>RSC Advances</i> , 2016 , 6, 104325-104329	3.7	23
114	A Novel Mild Method for the Synthesis of 3-Amino-4-(5-aryl-1H-1,2,4-Triazol-3-yl)Furazans. <i>Chemistry of Heterocyclic Compounds</i> , 2016 , 52, 346-349	1.4	3
113	A simple and convenient method for the synthesis of 1,3,5-triazine-nitrolic acids. The first X-ray investigation of Z-isomeric nitrolic acid. <i>Heterocyclic Communications</i> , 2016 , 22, 7-10	1.7	
112	Enthalpies of formation of 3,4- and 3,5-dinitro-1-trimethyl-1H-pyrazoles. <i>Russian Chemical Bulletin</i> , 2016 , 65, 2783-2788	1.7	11
111	Synthesis of 1- and 5-(pyrazolyl)tetrazole amino and nitro derivatives. <i>Chemistry of Heterocyclic Compounds</i> , 2016 , 52, 1025-1034	1.4	16
110	The energetic potential of azo- and azoxyfurazan nitro derivatives as components of composite rocket propellants. <i>Chemistry of Heterocyclic Compounds</i> , 2016 , 52, 1070-1077	1.4	17
109	Novel trinitroethanol derivatives: high energetic 2-(2,2,2-trinitroethoxy)-1,3,5-triazines. <i>RSC Advances</i> , 2016 , 6, 34921-34934	3.7	38
108	Oxygen-Rich 1,2,4-Triazolo[3,4-d]-1,2,4-triazolo[3,4-f]furazano[3,4-b]pyrazines as Energetic Materials. <i>Asian Journal of Organic Chemistry</i> , 2016 , 5, 1388-1397	3	41
107	Novel Melt-Castable Energetic Pyrazole: A Pyrazolyl-Furazan Framework Bearing Five Nitro Groups. <i>Propellants, Explosives, Pyrotechnics</i> , 2016 , 41, 789-792	1.7	30
106	A practical anodic oxidation of aminofurazans to azofurazans: an environmentally friendly route. <i>RSC Advances</i> , 2015 , 5, 37617-37625	3.7	36
105	Synthesis and investigation of isomeric mono- and dinitro derivatives of 3-methyl-4-(pyrazol-3-yl)furazan. <i>Chemistry of Heterocyclic Compounds</i> , 2015 , 51, 545-552	1.4	15
104	N-Alkylation and N-amination of isomeric nitro derivatives of 3-methyl-4-(1H-pyrazol-3(5)-yl)furazan. <i>Chemistry of Heterocyclic Compounds</i> , 2015 , 51, 819-828	1.4	11
103	Novel Highly Energetic Pyrazoles: N-Trinitromethyl-Substituted Nitropyrazoles. <i>Chemistry - an Asian Journal</i> , 2015 , 10, 1987-96	4.5	62
102	Unexpected formation of (trinitromethyl)pyrazines. <i>Mendeleev Communications</i> , 2015 , 25, 193-195	1.9	4
101	A facile synthesis and microtubule-destabilizing properties of 4-(1H-benzo[d]imidazol-2-yl)-furazan-3-amines. <i>European Journal of Medicinal Chemistry</i> , 2015 , 94, 237-516.	6.8	21
100	Novel highly energetic pyrazoles: N-fluorodinitromethyl and N-[(difluoroamino)dinitromethyl] derivatives. <i>Mendeleev Communications</i> , 2015 , 25, 429-431	1.9	45

99	Unusual behavior of benzofuroxans under ESI MS conditions in negative ion mode. <i>Mendeleev Communications</i> , 2014 , 24, 165-166	1.9	6
98	A direct approach to a 6-hetarylamino[1,2,4]triazolo[4,3-b][1,2,4,5]tetrazine library. <i>Organic Letters</i> , 2014 , 16, 406-9	6.2	41
97	Synthesis of 4-Acyl-3-Aminofurazans from 3,4-Diacylfuroxans. <i>Chemistry of Heterocyclic Compounds</i> , 2014 , 50, 1154-1165	1.4	10
96	Role of Weak Intermolecular Interactions in the Crystal Structure of Tetrakis-furazano[3,4-c:3',4'-g:4',4'-k:3',4'-o][1,2,5,6,9,10,13,14]octaazacyclohexadecine and Its Solvates. <i>Crystal Growth and Design</i> , 2014 , 14, 4439-4449	3.5	35
95	Experimental X-ray Diffraction Study of Stacking Interaction in Crystals of Two Furazan[3,4-b]pyrazines. <i>Crystal Growth and Design</i> , 2014 , 14, 5418-5427	3.5	12
94	Ionic liquids as unique solvents in one-pot synthesis of 4-(n,2,2,2-tetranitroethylamino)-3-R-furazans. <i>Chemistry - A European Journal</i> , 2013 , 19, 12446-57	4.8	49
93	NMR spectroscopic study of 3-nitrofurazans. <i>Russian Chemical Bulletin</i> , 2013 , 62, 504-515	1.7	14
92	3-(1-Adamantyl)Furazans. <i>Chemistry of Heterocyclic Compounds</i> , 2013 , 49, 1358-1369	1.4	7
91	3-Methyl-4-(2-phenyl-1,2,4-triazolo[1,5-a]pyrimidin-7-yl)furazan. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1648-9		2
90	Combustion of furazanotetrazine dioxide. <i>Combustion, Explosion and Shock Waves</i> , 2013 , 49, 117-120	1	6
89	6-(3,5-Dimethyl-1H-pyrazol-1-yl)-1,2,4,5-tetra-zin-3(2H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013 , 69, o1630-1		1
88	Straightforward one-pot synthesis of benzofuroxans from o-halonitrobenzenes in ionic liquids. <i>Mendeleev Communications</i> , 2012 , 22, 95-97	1.9	16
87	Reaction of Ethyl cyano(dinitro)acetate with 3-amino-1,2,5-oxadiazole-4-carbonitrile oxide. <i>Russian Journal of Organic Chemistry</i> , 2012 , 48, 475-475	0.7	
86	Synthesis of 4-amino-6-chloro-1,3,5-triazin-2(1H)-ones. <i>Russian Chemical Bulletin</i> , 2012 , 61, 99-112	1.7	7
85	Synthesis of [1,2,4]triazolo[4,3-b]-s-tetrazines with incorporated furazan ring. <i>Russian Chemical Bulletin</i> , 2012 , 61, 121-130	1.7	7
84	A Mild and Efficient Synthesis of 3-Hetarylamino-s-Tetrazines. <i>Mendeleev Communications</i> , 2012 , 22, 302-304	1.9	19
83	Copper-Catalyzed C-N Coupling Reactions of Nitrogen-Rich Compounds [Reaction of Iodofurazans with s-Tetrazinylamines. <i>European Journal of Organic Chemistry</i> , 2012 , 2012, 2266-2272	3.2	35
82	Synthesis of 3-(3,5-dinitropyrazol-4-yl)-4-nitrofurazan and its salts. <i>Journal of Heterocyclic Chemistry</i> , 2012 , 49, 394-401	1.9	26

81	2,2-Bis(methoxy-NNO-azoxy)ethyl Derivatives of 4,8-Dihydro-bis-furazano[3,4-b:3'4'-e]pyrazine: The Synthesis and X-ray Investigation. <i>Journal of Heterocyclic Chemistry</i> , 2012 , 49, 561-565	1.9	20
80	Thermal and Combustion Properties of 3,4-Bis(3-nitrofurazan-4-yl)furoxan (DNTF). <i>Propellants, Explosives, Pyrotechnics</i> , 2012 , 37, 575-580	1.7	39
79	Ionic Liquids as Advanced Reaction Media for Organic Synthesis. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2011 , 186, 1205-1216	1	9
78	Furazan-containing bromoarenes in the Suzuki-Miyaura reaction. <i>Russian Chemical Bulletin</i> , 2011 , 60, 2306-2314	1.7	5
77	Bicentral oxidation of nitrosolic acids: synthesis of 1,1-dinitroalkanes. <i>Mendeleev Communications</i> , 2010 , 20, 215-217	1.9	1
76	The first synthesis of 3-nitro-4-[(s-tetrazin-3-yl)amino]furazans. <i>Mendeleev Communications</i> , 2010 , 20, 350-352	1.9	19
75	Nitraminofurazans in aza-Michael reactions. <i>Mendeleev Communications</i> , 2010 , 20, 348-349	1.9	7
74	New functionalized aminofurazans as potential antimitotic agents in the sea urchin embryo assay. <i>Mendeleev Communications</i> , 2010 , 20, 132-134	1.9	11
73	One-pot synthesis of 4,6,8-trinitro-4,5,7,8-tetrahydro-6H-furazano[3,4-f]-1,3,5-triazepine in ionic liquids. <i>Mendeleev Communications</i> , 2010 , 20, 249-252	1.9	31
72	1,3,5-Triazinenitrolic acids. Synthesis and NO-releasing properties. <i>Russian Chemical Bulletin</i> , 2009 , 58, 1962-1972	1.7	5
71	4,4'-Bis(nitramino)azofurazan and its salts. Study of molecular and crystal structure based on X-ray and quantum chemical data. <i>Russian Chemical Bulletin</i> , 2009 , 58, 2129-2136	1.7	36
70	Reaction of nitrosolic acid salts with dinitrogen tetroxide. <i>Russian Chemical Bulletin</i> , 2009 , 58, 487-488	1.7	2
69	New ring-transformation reaction: the conversion of a tetrazole ring into a 1-oxa-3,4-diazine ring. <i>Mendeleev Communications</i> , 2009 , 19, 89-91	1.9	10
68	Differentiation of the molecular structure of nitro compounds as the basis for simulation of their thermal destruction processes. <i>Russian Chemical Reviews</i> , 2009 , 78, 945-969	6.8	19
67	Unusual reaction of 4-nitrobenzofurazan with amines. <i>Mendeleev Communications</i> , 2008 , 18, 329-331	1.9	3
66	Study on thermal decomposition and combustion of insensitive explosive 3,3'-diamino-4,4'-azofurazan (DAAzF). <i>Thermochimica Acta</i> , 2008 , 473, 25-31	2.9	29
65	The first synthesis of furazano[3,4-b][1,6]naphthyridines. <i>Journal of Heterocyclic Chemistry</i> , 2007 , 44, 843-847	1.9	5
64	Reactions of (pyrrol-1-yl)furazans with electrophilic reagents. <i>Russian Chemical Bulletin</i> , 2007 , 56, 1575-1579	1.7	1

63	Synthesis of fluorofurazans. <i>Mendeleev Communications</i> , 2006 , 16, 163-165	1.9	13
62	Ionic liquid-assisted synthesis of trinitroethyl esters. <i>Mendeleev Communications</i> , 2006 , 16, 264-266	1.9	30
61	Thermal decomposition mechanisms of nitro-1,2,4-triazoles: A theoretical study. <i>Russian Chemical Bulletin</i> , 2006 , 55, 1388-1410	1.7	17
60	Computer Simulation of Crystal Structure for Three Furazan Derivatives. <i>Crystal Growth and Design</i> , 2005 , 5, 631-641	3.5	4
59	Synthesis of 2-R-2,2-dinitroethanol orthoesters in ionic liquids. <i>Mendeleev Communications</i> , 2005 , 15, 204-205	1.9	15
58	Synthesis and x-ray study of novel azofurazan-annulated macrocyclic lactams. <i>Journal of Heterocyclic Chemistry</i> , 2005 , 42, 519-525	1.9	16
57	Furoxano[3,4-b]pyrazines: The first synthesis and x-ray structure. <i>Journal of Heterocyclic Chemistry</i> , 2005 , 42, 691-694	1.9	5
56	Synthesis of macrocycles incorporating azo-bis(azofurazan) framework. <i>Journal of Heterocyclic Chemistry</i> , 2005 , 42, 803-810	1.9	14
55	Desilylative nitration of C,N-disilylated 3-amino-4-methylfurazan. <i>Journal of Heterocyclic Chemistry</i> , 2005 , 42, 1237-1242	1.9	50
54	Nature of weak inter- and intramolecular interactions in crystals 4. Bifurcated N \cdots N bond in a crystal of 3-amino-6-(3,5-dimethylpyrazol-1-yl)-1,2,4,5-tetrazine. <i>Russian Chemical Bulletin</i> , 2005 , 54, 924-932	1.7	2
53	Synthesis of 3-alkyl-4-aminofurazans. <i>Russian Chemical Bulletin</i> , 2005 , 54, 1032-1037	1.7	13
52	One-pot synthesis of 3-amino-4-aryl- and 3-amino-4-hetarylfurazans. <i>Russian Chemical Bulletin</i> , 2005 , 54, 1057-1059	1.7	8
51	Reactions of 3-amino-4-methylfurazan with nitrating agents. <i>Russian Chemical Bulletin</i> , 2005 , 54, 1715-1719	1.7	13
50	Synthesis of secondary and tertiary aminofurazans. <i>Russian Chemical Bulletin</i> , 2004 , 53, 596-614	1.7	19
49	Organometallic synthesis in the furazan series. 4. Reactions of azofurazans with organolithium compounds. <i>Russian Chemical Bulletin</i> , 2004 , 53, 615-621	1.7	3
48	Destructive nitration of bis(3-nitrofurazan-4-yl) disulfide. <i>Russian Chemical Bulletin</i> , 2004 , 53, 722-723	1.7	6
47	Unusual reaction of iodofurazans with nucleophilic reagents. <i>Russian Chemical Bulletin</i> , 2004 , 53, 1124-1125	1.7	1
46	3-(Difluoro-B-iodanyl)-4-methylfurazan: the first representative of (difluoro-B-iodanyl)azoles. <i>Russian Chemical Bulletin</i> , 2004 , 53, 1130-1132	1.7	11

45	Chromophoric macrocycles from the oxidation of bis(aminofurazanylic) ethers of 1,2-diols. <i>Heteroatom Chemistry</i> , 2004 , 15, 131-145	1.2	21
44	The first general synthesis of 3-iodo-4-R-furazans. <i>Heteroatom Chemistry</i> , 2004 , 15, 199-207	1.2	14
43	Organometallic synthesis in the furazan series. 2. Furazanylethanes. <i>Russian Chemical Bulletin</i> , 2003 , 52, 679-688	1.7	3
42	Polyazoxyfurazans in reactions with ammonia. <i>Russian Chemical Bulletin</i> , 2003 , 52, 1447-1448	1.7	1
41	(Pyrrol-1-yl)furazans. <i>Russian Chemical Bulletin</i> , 2003 , 52, 1413-1418	1.7	6
40	Organometallic synthesis in the furazan series. 3. Silyl derivatives of methylfurazans. <i>Russian Chemical Bulletin</i> , 2003 , 52, 2017-2021	1.7	3
39	Novel reaction of [bis(acyloxy)iodo]arenes. <i>Mendeleev Communications</i> , 2003 , 13, 277-278	1.9	6
38	A new strategy for the functionalization of aminofurazans: the synthesis of (3-R-furazan-4-yl)dichloroimines. <i>Mendeleev Communications</i> , 2003 , 13, 31-32	1.9	5
37	Advances in the chemistry of furazano[3,4-b]pyrazines and their analogues. <i>Russian Chemical Reviews</i> , 2003 , 72, 87-100	6.8	38
36	X-ray structural study of three derivatives of dinitropyrazine. <i>Journal of Molecular Structure</i> , 2002 , 606, 139-146	3.4	30
35	¹ H, ¹³ C, and ¹⁴ N NMR study of 3-methylfurazans with nitrogen-containing substituents at position 4. <i>Russian Chemical Bulletin</i> , 2002 , 51, 290-296	1.7	14
34	Transesterification of difurazanyl ethers as a route to unsymmetrical derivatives of difurazanyl ether. <i>Russian Chemical Bulletin</i> , 2002 , 51, 659-662	1.7	12
33	Nucleophilic substitution in the furazan series. Reactions of nitrofurazans with ammonia. <i>Russian Chemical Bulletin</i> , 2002 , 51, 1533-1539	1.7	21
32	Unusual oxidation of 4-amino-4H,8H-bisfurazano[3,4-b:3'4'E]pyrazines. <i>Mendeleev Communications</i> , 2002 , 12, 66-67	1.9	15
31	Novel alkynyl(phenyl)iodonium salts: nitrofurazanylate as a counterion. <i>Tetrahedron Letters</i> , 2001 , 42, 5759-5761	2	13
30	Reactions of cyanofurazans with α -dicarbonyl compounds. <i>Russian Chemical Bulletin</i> , 2001 , 50, 1280-1286	1.7	6
29	Promotion effect of hypervalent iodine compounds on the reactions of 3-hydroxy-4-nitrofurazan with cycloalkenes. <i>Russian Chemical Bulletin</i> , 2001 , 50, 2479-2480	1.7	2
28	Facile and general synthesis of pyrrolo[2,3-b]pyrazines via 2-(dicyanoylidene)-3-halopyrazines. <i>Mendeleev Communications</i> , 2001 , 11, 152-153	1.9	2

27	Novel synthesis of 3,4-dicyanofuroxan. <i>Mendeleev Communications</i> , 2001 , 11, 30-31	1.9	15
26	Synthesis of trisfurazanylamine derivatives. <i>Mendeleev Communications</i> , 2001 , 11, 112-114	1.9	18
25	Monocyclic furazans and furoxans. <i>Advances in Heterocyclic Chemistry</i> , 2001 , 78, 65-188	2.4	85
24	Synthesis of difurazanyl ethers from 4,4'-dinitroazoxyfuran. <i>Heteroatom Chemistry</i> , 2000 , 11, 48-56	1.2	21
23	Synthesis of chlorofurazans from nitrofurazans. <i>Mendeleev Communications</i> , 2000 , 10, 67-68	1.9	17
22	The chemistry of furazans fused to six- and seven-membered heterocycles with one heteroatom. <i>Russian Chemical Reviews</i> , 1999 , 68, 137-148	6.8	28
21	Synthesis of (indol-2-yl)furazans. <i>Russian Chemical Bulletin</i> , 1999 , 48, 398-399	1.7	3
20	Synthesis of 2-(furazanyl)indolizines. <i>Russian Chemical Bulletin</i> , 1999 , 48, 2349-2350	1.7	3
19	Novel synthesis of 4-aminofurazan-3-acetic acid. <i>Mendeleev Communications</i> , 1998 , 8, 135-136	1.9	7
18	An efficient synthesis of hydroxyfurazans. <i>Mendeleev Communications</i> , 1998 , 8, 238-239	1.9	17
17	Synthesis and X-Ray Crystal Structure of Bis-3,3'-(nitro- NNO-azoxy)-difurazanyl Ether. <i>Chemistry - A European Journal</i> , 1998 , 4, 1023-1026	4.8	36
16	Dinitro Trifurazans with Oxy, Azo, and Azoxy Bridges. <i>Propellants, Explosives, Pyrotechnics</i> , 1998 , 23, 142-149	1.9	68
15	Dinitro Trifurazans with Oxy, Azo, and Azoxy Bridges 1998 , 23, 142		3
14	Synthesis of 3-amino-4-(thienyl-2)furazan. <i>Heteroatom Chemistry</i> , 1997 , 8, 7-12	1.2	11
13	Zero-Hydrogen Furazan Macrocycles with Oxy and Azo Bridges. <i>Journal of Organic Chemistry</i> , 1996 , 61, 1510-1511	4.2	29
12	Synthesis of symmetrical difurazanyl ethers. <i>Mendeleev Communications</i> , 1996 , 6, 141-143	1.9	23
11	One-pot synthesis of 4,4'-diamino-3,3'-bifurazan. <i>Mendeleev Communications</i> , 1996 , 6, 246-247	1.9	17
10	Synthesis of unsubstituted 4H,8H-bisfurazano[3,4-b:3',4'-e]pyrazine. <i>Mendeleev Communications</i> , 1996 , 6, 247-248	1.9	17

9	Chemistry of furazans fused to five-membered rings. <i>Journal of Heterocyclic Chemistry</i> , 1995 , 32, 371-385.	9	44
8	Reaction of Nitrofurazans with Sulfur Nucleophiles. <i>Mendeleev Communications</i> , 1995 , 5, 25-27	1.9	17
7	Facile Synthesis of Polyhalo- and Nitro-pyrazines. <i>Mendeleev Communications</i> , 1995 , 5, 196-197	1.9	5
6	Effective Synthesis of Functionalized Furazano[4,5-b]pyridines by Condensation of 3-Amino-4-cyanofurazan with α -Dicarbonyl Compounds. <i>Mendeleev Communications</i> , 1994 , 4, 57-58	1.9	5
5	An Effective Method for the Oxidation of Aminofurazans to Nitrofurazans. <i>Mendeleev Communications</i> , 1994 , 4, 138-140	1.9	77
4	1,2,5-oxadiazoles substituted at ring nitrogen. part 1. synthesis and study of 2-ethyl-1,2,5-oxadiazol-3(2H)-ones.. <i>Tetrahedron</i> , 1993 , 49, 5905-5914	2.4	11
3	α -Bromoacetyl derivatives of furazan and furoxan. <i>Russian Chemical Bulletin</i> , 1993 , 42, 708-711	1.7	9
2	A Novel Synthesis of Pyrazolo[3,4-c]furazan Derivatives. <i>Mendeleev Communications</i> , 1993 , 3, 120	1.9	7
1	Construction of Crown Ethers possessing an Azofurazan Subunit. <i>Mendeleev Communications</i> , 1992 , 2, 157-158	1.9	27