Yury Morzherin

List of Publications by Year
in descending order

122	1,393	430442	414034
papers	citations	18 h-index	32 g-index

151	151	151	1398
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Zebrafish models in neuropsychopharmacology and CNS drug discovery. British Journal of Pharmacology, 2017, 174, 1925-1944.	2.7	137
2	Chlorosulfonylated calix[4]arenes: precursors for neutral anion receptors with a selectivity for hydrogen sulfate. Journal of Organic Chemistry, 1993, 58, 7602-7605.	1.7	135
3	Synthesis of 1,2,3-Thiadiazole and Thiazole-Based Strobilurins as Potent Fungicide Candidates. Journal of Agricultural and Food Chemistry, 2017, 65, 745-751.	2.4	59
4	Identification and analytical characteristics of synthetic cannabinoids with an indazole-3-carboxamide structure bearing a N-1-methoxycarbonylalkyl group. Analytical and Bioanalytical Chemistry, 2015, 407, 6301-6315.	1.9	58
5	tert-Amino effect: the Meth-Cohn and Reinhoudt reactions (Review). Chemistry of Heterocyclic Compounds, 2013, 49, 357-385.	0.6	50
6	Synthesis of novel thiazolidin-4-ones by reaction of malonthioamide derivatives with dimethyl acetylenedicarboxylate. Journal of the Chemical Society Perkin Transactions 1, 1998, , 2133-2136.	0.9	47
7	2-Hydroxypropyl derivatives of 1,2,3-thiadiazole and 1,2,3-triazole: Synthesis and antifungal activity. Pure and Applied Chemistry, 2011, 83, 715-722.	0.9	42
8	Reaction of heterocyclic thioamides with dimethyl acetylenedicarboxylate. Synthesis of novel 2-azolyl-5-methoxycarbonylmethylene thiazolin-4-ones. Tetrahedron, 2001, 57, 2179-2184.	1.0	36
9	Identification and analytical properties of new synthetic cannabimimetics bearing 2,2,3,3-tetramethylcyclopropanecarbonyl moiety. Forensic Science International, 2013, 226, 62-73.	1.3	36
10	Synthesis and study of the rearrangements of 5-(1,2,3-triazol-4-yl)-1,2,3-thiadiazoles. Tetrahedron, 1998, 54, 8501-8514.	1.0	35
11	Rearrangements and Transformations of 1,2,3-Thiadiazoles in Organic Synthesis. (Review). Chemistry of Heterocyclic Compounds, 2003, 39, 679-706.	0.6	31
12	Discovery of Methyl (5Z)-[2-(2,4,5-Trioxopyrrolidin-3-ylidene)-4-oxo-1,3-thiazolidin-5-ylidene]acetates as Antifungal Agents against Potato Diseases. Journal of Agricultural and Food Chemistry, 2018, 66, 6239-6245.	2.4	29
13	Synthesis and biological activities of novel 2-amino-1,3-thiazole-4-carboxylic acid derivatives. Chinese Chemical Letters, 2015, 26, 1315-1318.	4.8	27
14	Reactions of 5-mercaptoazoles and pyridine-2-thiones with acetylenic esters. Selectivity of the formation of novel fused thiazin-4-ones and thiazolidin-4-ones. Organic and Biomolecular Chemistry, 2003, 1, 134-139.	1.5	26
15	Synthesis and fungicidal activity of 3,4-dichloroisothiazole based strobilurins as potent fungicide candidates. RSC Advances, 2017, 7, 3145-3151.	1.7	24
16	Synthesis of tetrazole containing 1,2,3-thiadiazole derivatives via U-4CR and their anti-TMV activity. Chinese Chemical Letters, 2013, 24, 889-892.	4.8	23
17	One-Step Heterylation at the Upper Rim of Calix[4]arene with 1,2,4-Triazin-5(2H)-ones. Journal of Organic Chemistry, 2006, 71, 8272-8275.	1.7	20
18	Flash Photolytic Generation and Study of the Enol of 2-Hydroxy-2-cyano-N-methylacetamide in Aqueous Solution, Leading to an Empirically-Based Estimate of the Ketoâ˜'Enol Equilibrium Constant for the Parent Unsubstituted Acetamide in That Medium. Journal of the American Chemical Society, 2001, 123, 2681-2682.	6.6	19

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19	The tert-Amino Effect in Heterocyclic Chemistry. Synthesis of Spiro Heterocycles. Molecules, 2005, 10, 1101-1108.	1.7	18
20	3-Naphthoylindazoles and 2-naphthoylbenzoimidazoles as novel chemical groups of synthetic cannabinoids: Chemical structure elucidation, analytical characteristics and identification of the first representatives in smoke mixtures. Forensic Science International, 2014, 242, 72-80.	1.3	18
21	Cannabinoids: structures, effects, and classification. Russian Chemical Bulletin, 2015, 64, 1249-1266.	0.4	18
22	Study of Polyfunctional Diazo Compounds Reactivity in Heterocyclization by the Method of Intramolecular Competitive Reactions. Bulletin Des SociÃ©tÃ©s Chimiques Belges, 1993, 102, 493-502.	0.0	17
23	tert-Amino effect in heterocyclic chemistry. Synthesis of hydrogenated spiro derivatives of quinolines. Russian Chemical Bulletin, 2004, 53, 1240-1247.	0.4	16
24	Synthesis of mesoionic[1,2,3]triazolo[5,1-d][1,2,5]triazepines. Tetrahedron, 2004, 60, 5367-5372.	1.0	16
25	Reactions of N,N-(dialkyl)arylthioacetamides with dialkyl acetylenedicarboxylates. Russian Chemical Bulletin, 2002, 51, 653-658.	0.4	14
26	Criteria for aromaticity of mesoionic heterocycles. Russian Chemical Bulletin, 2012, 61, 1111-1116.	0.4	13
27	Synthesis and bioactivity of N-tert-butyl-Nâ€²-acyl-5-methyl-1,2,3-thiadiazole-4-carbohydrazides. Chinese Chemical Letters, 2012, 23, 1233-1236.	4.8	12
28	Influence of solvent and substituents on the reaction of N-alkylthioacetamides with dimethyl acetylenedicarboxylate: synthesis of functionalized thiophenes containing an exocyclic double bond. Tetrahedron Letters, 2013, 54, 4876-4879.	0.7	12
29	A new ring transformation in the series of 1,2,3-thiadiazoles. Synthesis of 5H-[1,2,3]triazolo[5,1-b][1,3,4]thiadiazines. Mendeleev Communications, 2000, 10, 19-20.	0.6	11
30	Synthesis of Spiro Derivatives of Pyrrolo[1,2-a]quinoline. Chemistry of Heterocyclic Compounds, 2002, 38, 1426-1427.	0.6	11
31	Phosphorus pentachloride-induced transformation of (1,2,3-thiadiazol-5-yl)hydrazones of acetophenone. Russian Chemical Bulletin, 2011, 60, 981-984.	0.4	11
32	Synthesis of spiro derivatives of 1,2,3-triazolo[5,1-b][1,3,4]thiadiazines and biological activity thereof. Chemistry of Heterocyclic Compounds, 2015, 51, 589-592.	0.6	11
33	One-step synthesis of a novel heterocyclic system: Spiro[[1,4]thiazino-[4,3-a]quinoline-5,5â€²-pyrimidine]. Chemistry of Heterocyclic Compounds, 2006, 42, 127-128.	0.6	10
34	Transformation of 1,2,3â€Thiadiazolyl Hydrazones as Method for Preparation of 1,2,3â€Triazolo[5,1â€b][1,3,4]thiadiazines. Journal of Heterocyclic Chemistry, 2017, 54, 137-146.	1.4	10
35	Synthesis of Spiro[pyrimidine-5,4'-pyrrolo[1,2-a]quinoline]-2,4,6-triones. Chemistry of Heterocyclic Compounds, 2003, 39, 1532-1533.	0.6	9
36	Synthesis and Complexing Properties of Alkyl (3-Oxo-2,3-dihydrothiophen-2-ylidene)- and (4-Oxothiazolidin-5-ylidene)acetate Derivatives. Russian Journal of Organic Chemistry, 2004, 40, 866-869.	0.3	9

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37	Stereoselective synthesis of spirofused 3-substituted 2,3,4,4a,5,6-hexahydro- 6H-benzo[c]quinolizine using the tert-amino effect. Mendeleev Communications, 2006, 16, 82-83.	0.6	9
38	Receptors for anions. Russian Chemical Reviews, 2008, 77, 751-764.	2.5	9
39	Synthesis of condensed [1,2,3]triazolo-[5,1-b][1,3,4]thiadiazepine systems. Chemistry of Heterocyclic Compounds, 2013, 49, 350-352.	0.6	9
40	Synthesis of 4-oxothiazolidine-2,5-diylidenes containing thioamide group based on dithiomalonamides. Russian Chemical Bulletin, 2014, 63, 1330-1336.	0.4	9
41	Design, Synthesis, and Biological Screening of Novel Anthranilic Diamides. Journal of Heterocyclic Chemistry, 2016, 53, 865-875.	1.4	9
42	Anion Receptors. Heterocycles, 2005, 66, 689.	0.4	9
43	â€˜Tert-amino effectâ€™ induced by electron ionization and comparison with thermal reaction in solution. Rapid Communications in Mass Spectrometry, 2004, 18, 724-728.	0.7	8
44	A new ring transformation of 1,2,3-thiadiazoles into furan-2-carbothioamides. Mendeleev Communications, 2006, 16, 76-77.	0.6	8
45	Diastereoselective synthesis of spiro derivatives of 3-substituted 2,3,4,4a,5,6-hexahydro-1H-benzo[c]quinolizines. Russian Journal of Organic Chemistry, 2009, 45, 743-754.	0.3	8
46	Reactions of malonodithioamides with acetylenedicarboxylic esters. Russian Chemical Bulletin, 2011, 60, 1016-1018.	0.4	8
47	Nucleophilic substitution in 1,2,3-thiadiazoles. Chemistry of Heterocyclic Compounds, 1994, 30, 489-494.	0.6	7
48	C-Nucleophilic Substitution of 5-Halo-1,2,3-thiadiazoles as an Approach to Fused Pyridones and Pyranones. Journal of Chemical Research Synopses, 1997, , 396.	0.3	7
49	Reaction of 1-(o-Aminophenyl)-1,2,3-triazole-5-thiols with Cyclizing Reagents. Russian Journal of Organic Chemistry, 2004, 40, 870-873.	0.3	7
50	Synthesis of 1-Substituted 3-Alkyl-1,2,3-triazol-3-ium-5-olates. Russian Journal of Organic Chemistry, 2004, 40, 879-883.	0.3	7
51	Heteroditopic Receptors. Heterocycles, 2007, 72, 53.	0.4	7
52	Synthesis and Cytotoxic Activity of 1,2,3-Triazole Derivatives in Glioma Cell Cultures. Pharmaceutical Chemistry Journal, 2015, 49, 296-300.	0.3	7
53	Title is missing!. Chemistry of Heterocyclic Compounds, 2001, 37, 294-304.	0.6	6
54	Synthesis and Properties of 1-Arylsulfonyl-1,2,3-triazol-5-olates. Chemistry of Heterocyclic Compounds, 2001, 37, 560-566.	0.6	6

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55	Synthesis of [1,2,3]Triazolo[1,5-a]pyrazinium-3-olate. Chemistry of Heterocyclic Compounds, 2002, 38, 1144-1145.	0.6	6
56	Reactions of 5-dialkylamino-1,2,3-thiadiazole-4-carbaldehydes with amines as a method for the synthesis of 1,2,3-triazole-4-carbothioamides. Russian Chemical Bulletin, 2004, 53, 1311-1317.	0.4	6
57	Stereoselective synthesis of new spiro-fused heterocyclic systems, 2,3,4,4a,5.6-hexahydro-6H-spiro[benzo[c]quinolizine-5,4â€²-pyrazol]-5â€²-ones. Chemistry of Heterocyclic Compounds, 2007, 43, 76-81.	0.6	6
58	Synthesis of 4-thioacetyl-1,2,3-thiadiazoles. Reversible rearrangement of N-Substituted 5-methyl-1,2,3-thiadiazole-4-carbothioamides. Russian Journal of Organic Chemistry, 2012, 48, 1333-1336.	0.3	6
59	1,2,3-Thiadiazolyl Isocyanates in the Synthesis of Biologically Active Compounds. Study of the Cytotoxic Activity of N-(4-methyl-1,2,3-thiadi-azolyl-5-yl)-N'-(4-methylphenyl)Urea*. Chemistry of Heterocyclic Compounds, 2014, 50, 1039-1046.	0.6	6
60	New Synthetic Cannabinoid â€“ Methyl 2-{[1-(5-Fluoro-Pentyl)-3-Methyl-1H-Indol-3-Ylcarbonyl]-Amino}Butyrate â€“ as a Designer Drug. Chemistry of Heterocyclic Compounds, 2014, 50, 583-586.	0.6	6
61	Eâ€”Z-Izomerization of 2-methylenethiazolidin-4-ones. Russian Chemical Bulletin, 2002, 51, 1292-1297.	0.4	5
62	Synthesis of spirocyclic 4,5,5a,6,7,8-hexahydro-1H-pyrazolo[3,4-e]indolizine derivatives. Mendeleev Communications, 2005, 15, 119-120.	0.6	5
63	Novel ditopic receptor based on tetrakis-aminosulfonyl-calix[4]arene. Journal of Structural Chemistry, 2005, 46, S28-S32.	0.3	5
64	Reversible Rearrangement of 1,2,3-Triazole-4-carbothioamide to 1,2,3-Thiadiazole-4-carbimines. Chemistry of Heterocyclic Compounds, 2005, 41, 542-543.	0.6	5
65	Stereoselective synthesis of spiro derivatives of 2,4-dimethyl-2,3,4,4a,5,6-hexahydro-6H-benzo[c]quinolizine. Russian Chemical Bulletin, 2005, 54, 1537-1538.	0.4	5
66	Synthesis of condensed mesoionic heterocycles. Intramolecular cyclization of 3-acetonyl(phenacyl)-1,2,3-triazolium-5-olates. Chemistry of Heterocyclic Compounds, 2006, 42, 412-413.	0.6	5
67	1-Hetaryltriazenes in the synthesis of condensed mesoionic 1,2,3-triazolio-5-olates. Chemistry of Heterocyclic Compounds, 2006, 42, 1472-1477.	0.6	5
68	Interaction of 2-piperazinobenzaldehyde with cyanoacet(thio)amide: Stereoselective cyclization by the â€œtert-amino effectâ€•mechanism. Chemistry of Heterocyclic Compounds, 2008, 44, 759-761.	0.6	5
69	3-(4-Thiocarbamoyl-1,2,3-triazol-1-yl)benzo-15-crown-5: synthesis and properties. Russian Chemical Bulletin, 2010, 59, 867-869.	0.4	5
70	Regioselective reaction of ortho-piperidinobenzaldehydes with pyrazolone. Russian Chemical Bulletin, 2011, 60, 961-964.	0.4	5
71	Synthesis of [1,2,3]Triazolo[1,5-a]Pyrazinium-3-Olates*. Chemistry of Heterocyclic Compounds, 2014, 50, 1021-1026.	0.6	5
72	Synthesis of 1,2,3-Triazolo[1,5-Đ°]Pyridin-8-Ium-3-Olates. Chemistry of Heterocyclic Compounds, 2015, 51, 199-202.	0.6	5

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73	Synthesis and fungicidal activity of monocyclic and fused 1,2,3-triazolium-5-olates. Chemistry of Heterocyclic Compounds, 2018, 54, 956-963.	0.6	5
74	Reaction of 5-Hydrazono-1,2,3-thiadiazoles with Toluene and Xylene in the Presence of PCl5. Chemistry of Heterocyclic Compounds, 2003, 39, 126-127.	0.6	4
75	Synthesis and heteroelectrocyclization of unsymmetrically substituted diazomalonamides. Russian Chemical Bulletin, 2004, 53, 1305-1310.	0.4	4
76	Synthesis of 2,4,5,6-Tetrahydropyrrolo[1,2-c][1,2,3]triazolio-5-olate. Chemistry of Heterocyclic Compounds, 2005, 41, 940-941.	0.6	4
77	Dimroth rearrangement in synthesis of a heteroditopic receptor. Chemistry of Heterocyclic Compounds, 2006, 42, 121-122.	0.6	4
78	Synthesis of 5,6-dihydro[1,2,3]thiadiazolo[5,4-e]-[1,4]oxazepin-8(4)-one. Chemistry of Heterocyclic Compounds, 2008, 44, 233-234.	0.6	4
79	Reaction of (p-alkoxyphenyl)-acetothioamides with acetylene-dicarboxylic esters. Chemistry of Heterocyclic Compounds, 2009, 45, 422-425.	0.6	4
80	Synthesis of 2,3-dihydro-I H,4 H, 6 H-furo[3,4-b]pyrrolo[1,2-a]quinoline-6a(7H)-carbonitrile; a novel type of intramolecular tetrahydrofuran formation. Recueil Des Travaux Chimiques Des Pays-Bas, 2010, 112, 549-551.	0.0	4
81	Microwave-Assisted Synthesis of Fused 3-Thiocarbamoylquinolines by Reinhoudt Reaction and their Modification by Hantzsch Reaction. Chemistry of Heterocyclic Compounds, 2015, 50, 1450-1456.	0.6	4
82	Synthesis of 4-(4-oxo-1,3-thiazolidin-2-ylidene)-pyrrolidine-2,3,5-triones. Chemistry of Heterocyclic Compounds, 2017, 53, 622-625.	0.6	4
83	Study of direction of cyclization of malonodithioamides as a method of investigation of reactivity of ?-diazothioacetamides. Chemistry of Heterocyclic Compounds, 1992, 28, 931-936.	0.6	3
84	2-Diazoacethydrazide derivatives and their ring-chain transformations. Mendeleev Communications, 1998, 8, 240-241.	0.6	3
85	Reductive elimination of the amino group in 5-dialkylamino-4-nitroimidazole. Chemistry of Heterocyclic Compounds, 2000, 36, 107-108.	0.6	3
86	Selective reduction of 2,5-dimethylenethiazolidinone. Chemistry of Heterocyclic Compounds, 2000, 36, 113-114.	0.6	3
87	A tandem of the Cornforth rearrangements of 4-(1,2,3-triazol-1-yl)iminomethyl-1,2,3-thiadiazole. Russian Chemical Bulletin, 2001, 50, 268-271.	0.4	3
88	Title is missing!. Chemistry of Heterocyclic Compounds, 2003, 39, 168-173.	0.6	3
89	Synthesis of fused 3-cyano- and 3-carbamoyl-1,2,3,4-tetrahydroquinolines. Russian Chemical Bulletin, 2014, 63, 1580-1583.	0.4	3
90	Synthesis and use of polymer-immobilized calix[4]arene derivatives as molecular containers for nitrous gases. Russian Chemical Bulletin, 2014, 63, 1395-1398.	0.4	3

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91	Synthesis of (1,2,3-thiadiazolyl)imidazolidine-2,4-diones by microwave irradiation and characterization of their biological activity. Chemistry of Heterocyclic Compounds, 2016, 52, 910-917.	0.6	3
92	Synthesis and evaluation of the influence of 5-sulfanyl-1,2,3-triazol-1-ylaminocarboxylic acid derivatives on kinetics of ascorbic acid oxidation. Russian Chemical Bulletin, 2016, 65, 203-208.	0.4	3
93	Synthesis of 5-(pyrazol-1-yl)-1,2,3-thiadiazoles. Chemistry of Heterocyclic Compounds, 2017, 53, 236-238.	0.6	3
94	Synthesis, Crystal Structure and Biological Activity of		

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109	Reaction of 1-(o-Aminophenyl)-1,2,3-triazole-5-thiols with Cyclizing Reagents.. ChemInform, 2005, 36, no.	0.1	0
110	tert-Amino Effect in Heterocyclic Chemistry. Synthesis of Hydrogenated Spiro Derivatives of Quinolines.. ChemInform, 2005, 36, no.	0.1	0
111	Synthesis and Heteroelectrocyclization of Unsymmetrically Substituted Diazomalonamides.. ChemInform, 2005, 36, no.	0.1	0
112	Reactions of 5-Dialkylamino-1,2,3-thiadiazole-4-carbaldehydes with Amines as a Method for the Synthesis of 1,2,3-Triazole-4-carbothioamides.. ChemInform, 2005, 36, no.	0.1	0
113	Synthesis of Spirocyclic 4,5,5a,6,7,8-Hexahydro-1H-pyrazolo[3,4-e]indolizine Derivatives.. ChemInform, 2005, 36, no.	0.1	0
114	Studies of complexation properties of receptors based on functionalized calix[4]arenes with various complexation centers. Russian Chemical Bulletin, 2014, 63, 1606-1609.	0.4	0
115	Calix[4]arenes with carboxamide and sulfonamide groups and their complexation with transition metal salts. Russian Journal of Organic Chemistry, 2014, 50, 567-570.	0.3	0
116	Crystal structure of (2Z)-2-{(5Z)-5-[3-fluoro-2-(4-phenylpiperidin-1-yl)benzylidene]-4-oxo-3-(p-tolyl)-1,3-thiazolidin-2-ylidene}-N-(p-tolyl)ethanethioamide dimethyl sulfoxide monosolvate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o745-o746.	0.2	0
117	Crystal structure of bis{(Z)-(benzylamino)[(5Z)-2-(benzylimino-ÎºN)-5-(2-methoxy-2-oxoethylidene)-4-oxothiolan-3-ylidene]methanethiolato-ÎºS}copper(II). Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, m93-m94.	0.2	0
118	Assessment of the Wound-Healing Action of Spiroconjugated 1,2,3-Triazolo[5,1-b]-1,3,4-Thiadiazine in a Linear Skin Wound Model. Pharmaceutical Chemistry Journal, 2019, 53, 642-645.	0.3	0
119	NEW APPROACH IN SYNTHESIS OF HETEROCYCLES â€“ REARRANGEMENTS OF 1,2,3-THIADIAZOLES AND 1,2,3-TRIAZOLES. , 2003, , 248.		0
120	The Synthesis of Diamidediallylcalix[4]arene Derivatives as Ligand for Bromide Anion. Macroheterocycles, 2015, 8, 299-302.	0.9	0
121	Crystal structure of 1-methoxy-5-methyl-N-phenyl-1,2,3-triazole-4-carboxamide. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o798-o798.	0.2	0
122	Synthesis Methods for Halogenated Calix[4]Arenes. Mini-Reviews in Organic Chemistry, 2016, 13, 245-254.	0.6	0