Sergey Filimonov

List of Publications by Year
in descending order

58	289	1163117 8	996975 15
papers	citations	h-index	g-index

66	66	66	254
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reverse Sandwich Structures from Interplay between Lone Pairâ˜Ï€-Hole Atom-Directed CÂ·Â·Â·d_{z²} [M] and Halogen Bond Interactions. Crystal Growth and Design, 2020, 20, 995-1008.	3.0	35
2	Inhibition of monoamine oxidase by indole-5,6-dicarbonitrile derivatives. Bioorganic and Medicinal Chemistry Letters, 2015, 25, 1206-1211.	2.2	24
3	Base-induced transformations of ortho-nitrobenzylketones: intramolecular displacement of nitro group versus nitro-nitrite rearrangement. Tetrahedron, 2012, 68, 5991-5997.	1.9	22
4	An evaluation of synthetic indole derivatives as inhibitors of monoamine oxidase. Bioorganic and Medicinal Chemistry Letters, 2016, 26, 2214-2219.	2.2	15
5	Synthesis of 5,6-dicyanobenzofurans based on 4-bromo-5-nitrophthalonitrile. Mendeleev Communications, 2009, 19, 332-333.	1.6	14
6	Synthesis of 3-acyl-1-hydroxy-1H-indole-5,6-dicarbonitriles. Mendeleev Communications, 2015, 25, 315-317.	1.6	14
7	Reactions of resorcinols with ketones. Mendeleev Communications, 2003, 13, 194-197.	1.6	12
8	Nucleophilic substitution in 4-bromo-5-nitrophthalodinitrile: X. Synthesis of 4-(1-benzotriazolyl)-5-(1(2)-naphthyloxy)-phthalodinitriles and related phthalocyanines. Russian Journal of General Chemistry, 2009, 79, 1735-1740.	0.8	11
9	Synthesis of 3-substituted 2-amino-1-hydroxy-1H-indole-5,6-dicarbonitriles. Chemistry of Heterocyclic Compounds, 2012, 48, 427-435.	1.2	9
10	Condensation of 5-amino-4-arylpyrazoles with itaconic acid and maleic anhydride. Chemistry of Heterocyclic Compounds, 2013, 49, 993-999.	1.2	8
11	The C-3 acylation of 1-hydroxyindoles. Tetrahedron Letters, 2017, 58, 755-757.	1.4	8
12	Synthesis of indole-5,6- and carbazole-2,3-dicarboxylic acid functional derivatives. Russian Chemical Bulletin, 2017, 66, 379-394.	1.5	8
13	An investigation of the monoamine oxidase inhibition properties of pyrrolo[3,4â€f]indoleâ€5,7â€dione and indoleâ€5,6â€dicarbonitrile derivatives. Drug Development Research, 2018, 79, 81-93.	2.9	8
14	Investigation of pyrazolo[1,5-a]quinoxalin-4-ones as novel monoamine oxidase inhibitors. Bioorganic Chemistry, 2021, 108, 104563.	4.1	7
15	Synthesis of expanded alkylphenoxythiadiazole macroheterocycles. Mendeleev Communications, 2008, 18, 289-290.	1.6	6
16	Synthesis of 2-oxo- and 2-thioxo-5-(benzofuran-2-yl)tetrahydropyrimidines. Mendeleev Communications, 2011, 21, 46-47.	1.6	6
17	A Condensation of Biginelli Products with 1,3â€Benzenediols: a Facile Access to Diastereomerically Pure Hexahydroâ€5Hâ€chromeno[4,3â€d]pyrimidinâ€5â€ones. ChemistrySelect, 2019, 4, 9550-9555.	1.5	6
18	Title is missing!. Chemistry of Heterocyclic Compounds, 2003, 39, 233-237.	1.2	5

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19	Synthesis of Novel Substituted 4-Hydroxy-3-oxo-3,4-dihydro-2H-1,4-benzoxazine-6,7-dicarbonitriles. Heterocycles, 2011, 83, 755.	0.7	5
20	Synthesis of substituted octahydrochromeno[3,2-i]quinazoline-2(1H)-thiones. Russian Chemical Bulletin, 2005, 54, 1500-1504.	1.5	4
21	Formation of 4-hydroxy-5-[aryl(alkyl)-1H-pyrazol-4-yl]benzene-1,2-dicarbonitriles in reactions of benzofurans with hydrazines. Russian Journal of Organic Chemistry, 2015, 51, 644-649.	0.8	4
22	The C-3 chlorination of 2-aryl-1-hydroxyindoles. Mendeleev Communications, 2017, 27, 498-499.	1.6	4
23	Synthesis of substituted 5-hydroxypyrazolo[1,5-a]quinoxalin-4-ones. Mendeleev Communications, 2019, 29, 114-115.	1.6	4
24	Synthesis of substituted hexahydro-2H-chromeno[4,3-d]pyrimidine-2,5-diones and their modification at the hydroxy group. Russian Chemical Bulletin, 2022, 71, 1034-1042.	1.5	4
25	Synthesis of new 2,3-dihydro-1H-pyrido[3,2,1-kl]phenoxazines. Russian Journal of Organic Chemistry, 2007, 43, 315-317.	0.8	3
26	Synthesis of substituted 3-acyl-1-hydroxyindoles and azoles on their basis. Russian Chemical Bulletin, 2017, 66, 1018-1023.	1.5	3
27	Synthesis of substituted [1,2,4]oxadiazino[2,3- a]indole-7,8-dicarbonitriles. Mendeleev Communications, 2018, 28, 86-87.	1.6	3
28	Optimization of pyrrolo[3,4â€f]indoleâ€5,7â€dione and indoleâ€5,6â€dicarbonitrile derivatives as inhibitors of monoamine oxidase. Drug Development Research, 2019, 80, 970-980.	2.9	3
29	Synthesis and properties of substituted 2-thioxohexahydropyrimidine-5-carbohydrazides. Russian Chemical Bulletin, 2021, 70, 1377-1382.	1.5	3
30	A Convenient Synthesis of Novel 3-(Heterocyclylsulfonyl)propanoic Acids and their Amide Derivatives. Synthesis, 2004, 2004, 2999-3004.	2.3	2
31	Reduction of 3-carbonyl-substituted 5,6-dicyanobenzofurans with sodium borohydride. Russian Chemical Bulletin, 2011, 60, 1719-1722.	1.5	2
32	Synthesis of 7,8-dicyanopyrimido[2,1-b][1,3]benzothiazoles. Mendeleev Communications, 2013, 23, 215-216.	1.6	2
33	2-Halobenzenesulfonyl chlorides in the synthesis of pyrido[2,1-c][1,2,4]benzothiadiazine 5,5-dioxide derivatives. Russian Chemical Bulletin, 2016, 65, 1839-1845.	1.5	2
34	Synthesis of new sulfonamide derivatives of thiazolo[3,2-a]quinazolin-5-one. Russian Journal of Organic Chemistry, 2016, 52, 69-75.	0.8	2
35	Synthesis of dibenzo[1,4]dioxine, phenoxazine, and phenothiazine derivatives containing carboxamide and sulfonamide groups. Russian Journal of Organic Chemistry, 2016, 52, 448-452.	0.8	2
36	Synthesis of N-substituted 1-hydroxypyrrolo[3,4-f]indol-5,7-diones. Russian Journal of Organic Chemistry, 2017, 53, 192-198.	0.8	2

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37	Synthesis of chalcones from 2-substituted 1-hydroxyindole-5,6-dicarbonitriles. Russian Journal of Organic Chemistry, 2017, 53, 879-885.	0.8	2
38	Formylation of indol-1-yl acetates. Russian Journal of Organic Chemistry, 2017, 53, 1655-1659.	0.8	2
39	Chlorination of 2-substituted 1-hydroxyindoles. Russian Chemical Bulletin, 2018, 67, 1083-1087.	1.5	2
40	General synthetic method for NH-indoles starting from N-hydroxyindoles. Russian Chemical Bulletin, 2019, 68, 1196-1199.	1.5	2
41	New Nitrogen-Containing Five-Membered Heterocyclic ortho-Dicarbonitriles for Preparation of Macroheterocycles. Macroheterocycles, 2014, 7, 296-301.	0.5	2
42	Convenient synthesis of novel 5-substituted 3-methylisoxazole-4-sulfonamides. Journal of Heterocyclic Chemistry, 2006, 43, 663-671.	2.6	1
43	Synthesis of substituted indazole-5,6-dicarbonitriles. Russian Journal of Organic Chemistry, 2012, 48, 1557-1560.	0.8	1
44	Structure of reaction products of substituted [1,3]thiazolo[3,2-b][1,2,4]triazol-6(5H)-ones with amines and hydrazines. Russian Journal of Organic Chemistry, 2013, 49, 1680-1685.	0.8	1
45	Synthesis of new seven-membered benzo-fused heterocyclic ortho-dicarbonitriles. Russian Journal of Organic Chemistry, 2015, 51, 686-690.	0.8	1
46	Synthesis of sulfonamide derivatives of pyrido-[2,1-b]quinazolin-11-one and pyrido[1,2-a]quinazolin-6-one. Russian Journal of Organic Chemistry, 2016, 52, 240-243.	0.8	1
47	Synthesis of substituted pyrazolo[1,5-a]quinoxalines using the reductive cyclization. Russian Chemical Bulletin, 2020, 69, 1965-1970.	1.5	1
48	Synthesis of substituted isoindole-1,3-diones with an amide fragment using the Schmidt rearrangement. Russian Chemical Bulletin, 2020, 69, 2378-2382.	1.5	1
49	Synthesis of Substituted Hydroxyspiro([1]benzopyran-2,4â€²(1â€²H)pyrimidine)-2â€²(3â€²H)thiones and Hydroxyspiro([1]benzopyran-2,4â€²(1â€²H)pyrimidin)-2â€²(3â€²H)ones.. ChemInform, 2003, 34, no.	0.0	0
50	Synthesis of formyl and carboxy derivatives of heterocycles by modification of 2-(2-aminovinyl)-benzofuran-5,6-dicarbonitriles. Russian Journal of Organic Chemistry, 2016, 52, 1297-1303.	0.8	0
51	Synthesis of chalcones from 3-formyl-substituted pyrrolo[3,4-f]indole-5,7-diones. Russian Chemical Bulletin, 2017, 66, 882-885.	1.5	0
52	2-Halobenzoyl chlorides in the synthesis of [1,3,4]thiadiazolo[3,2-a]quinazolin-5-one derivatives. Russian Journal of Organic Chemistry, 2017, 53, 1870-1877.	0.8	0
53	Synthesis of Functional Derivatives of Benzofuran-5,6-dicarboxylic Acids. Russian Journal of General Chemistry, 2019, 89, 1307-1309.	0.8	0
54	C-3 Bromination of 1-Hydroxypyrrolo[3,4-f]indole-5,7-diones. Russian Journal of General Chemistry, 2019, 89, 1347-1352.	0.8	0

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55	Synthesis of Substituted 2-Oxo-2,3-dihydro-1H-imidazo-[1,2-a]indole-6,7-dicarbonitriles. Russian Journal of Organic Chemistry, 2019, 55, 287-290.	0.8	0
56	Synthesis of Functional Derivatives of 3-Acyl-1-hydroxyindole-5,6-dicarboxylic Acids. Russian Journal of General Chemistry, 2019, 89, 626-630.	0.8	0
57	Synthesis and Photoluminescent Properties of 2-(3-Carboxymethylindazol-1-yl)anilines. Russian Journal of General Chemistry, 2021, 91, 985-990.	0.8	0
58	SYNTHESIS OF BENZOFURAN-5,6-DICARBONITRILES ANNELATED WITH PYRAZOLE CYCLE. ChemChemTech, 2017, 60, 45.	0.3	0