Sergey Fedoseev

List of Publications by Year
in descending order

50	342	933264 10	940416 16
papers	citations	h-index	g-index

60	60	60	136
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Domino synthesis of 3-amino-8-hydroxy-1,6-dioxo-2,7-diazaspiro[4.4]non-3-ene-4-carbonitriles. Tetrahedron Letters, 2013, 54, 2143-2145.	0.7	35
2	Domino-synthesis and fluorescence properties of 4-cyano-2-oxo-1,2-dihydropyridine-3-carboxamides and 2-oxo-1,2-dihydropyridine-3,4-dicarbonitriles. RSC Advances, 2015, 5, 34191-34198.	1.7	35
3	2-Pyridone-based fluorophores: Synthesis and fluorescent properties of pyrrolo[3,4- c]pyridine derivatives. Dyes and Pigments, 2016, 134, 459-464.	2.0	24
4	Tuning the photochromic properties of chromophores containing a nitrile-rich acceptor: a novel branch in the investigation of negative photochromes. New Journal of Chemistry, 2019, 43, 8414-8417.	1.4	20
5	Interaction of 4-oxoalkane-1,1,2,2-tetracarbonitriles with Lawesson's reagent â€“ a new approach to the synthesis of 2,2â€²-disulfanediylbis(1H-pyrroles). The synthesis of photochromic diarylethene with a disulfide bridge. RSC Advances, 2015, 5, 65316-65320.	1.7	18
6	Rearrangement of 4-oxobutane-1,1,2,2-tetracarbonitriles to the penta-1,3-diene-1,1,3-tricarbonitrile moiety as an approach to novel acceptors for donorâ€“acceptor chromophores. Tetrahedron Letters, 2016, 57, 4101-4104.	0.7	16
7	Tuning solid-state fluorescence of a novel group D-Ï€-A chromophores with a reactive hydroxytricyanopyrrole (HTCP) acceptor. Dyes and Pigments, 2019, 165, 451-457.	2.0	16
8	Spiro heterocyclization of 4-aryl-4-oxobutane-1,1,2,2-tetracarbonitriles to 3H-pyrrole derivatives, 2-oxa-7-azaspiro[4.4]nona-3,6,8-trienes. Russian Journal of Organic Chemistry, 2013, 49, 864-866.	0.3	15
9	Synthesis of 2-(3-cyano-5-hydroxy-5-methyl-4-vinylene-1H-pyrrol-2(5H)-ylidene)malononitriles â€“ novel functionalized analogs of tricyanofuran-containing (TCF) pushâ€“pull chromophores. Synthetic Communications, 2018, 48, 2850-2858.	1.1	12
10	Directed synthesis of alkyl-substitued pyrrolo[3,4-c]pyrrole-1,3,4,6-tetraones. Russian Journal of Organic Chemistry, 2013, 49, 1661-1665.	0.3	10
11	The rare transformation of 2,7-diazaspiro[4.4]nonanes in furo[3,4-c]pyridines. RSC Advances, 2016, 6, 10597-10600.	1.7	10
12	Novel group of negative photochromes containing a nitrile-rich acceptor: synthesis and photochromic properties. Research on Chemical Intermediates, 2019, 45, 4625-4636.	1.3	10
13	Hydrolysis and acylation of imino group in E/Z-isomers of 3,4-dialkyl-8-amino-1-imino-6-morpholin-4-yl-2-oxa-7-azaspiro[4.4]nona-3,6,8-triene-9-carbonitriles. Russian Journal of Organic Chemistry, 2013, 49, 1195-1198.	0.3	9
14	Three-component synthesis of alkylammonium 4-cyano-5-(dicyanomethylene)-2-hydroxy-2,5-dihydropyrrol-1-ides. Research on Chemical Intermediates, 2018, 44, 3565-3579.	1.3	9
15	New pushâ€“pull chromophores. Synthesis of 2-[4-Aryl-3-cyano-5-hydroxy-5-methyl-1H-pyrrol-2(5H)-ylidene]malononitriles. Russian Journal of Organic Chemistry, 2016, 52, 1440-1443.	0.3	8
16	Regiospecific Reduction of the C=N Bond in 5,6-Dialkyl-2-Chloropyridine-3,4-Dicarbonitriles. Chemistry of Heterocyclic Compounds, 2014, 50, 1057-1059.	0.6	7
17	Rearrangement of 4-oxoalkane-1,1,2,2-tetracarbonitriles in the directed synthesis of aryl-substituted 2-(3-cyano-5-hydroxy-1,5-dihydro-2H-pyrrol-2-ylidene)malononitriles. Chemistry of Heterocyclic Compounds, 2017, 53, 1057-1060.	0.6	7
18	Synthesis of new derivatives of 2-halocinchomeronic acid. Russian Journal of Organic Chemistry, 2016, 52, 1217-1219.	0.3	6

#	Article	IF	Citations
19	Synthesis of some 2-ylidene-1,3-dithiolanes. Russian Journal of Organic Chemistry, 2017, 53, 147-149.	0.3	6
20	Synthesis and spectroscopic studies of 3-carbamoylisonicotinic acid derivatives. Tetrahedron Letters, 2018, 59, 2189-2192.	0.7	6
21	One-pot synthesis of 2-Oxo-1,2-dihydropyridine-3,4-dicarbonitriles. Russian Journal of Organic Chemistry, 2015, 51, 1191-1193.	0.3	5
22	Synthesis of 5-hydroxyfuran-2(5H)-one derivatives (microreview). Chemistry of Heterocyclic Compounds, 2018, 54, 759-761.	0.6	5
23	The first example of â€œturn-offâ€•red fluorescence photoswitching for the representatives of nitrile-rich negative photochromes. New Journal of Chemistry, 2020, 44, 6121-6124.	1.4	5
24	Synthesis and optical properties of the first representatives of N,N-disubstituted aminostyryl Dâ€“Ï€â€“A chromophores with tunable hydroxytricyanopyrrole (HTCP) acceptor. Dyes and Pigments, 2022, 204, 110455.	2.0	5
25	First representatives of functionalized Dâ€“Ï€â€“A chromophores containing a tunable hydroxytricyanopyrrole (HTCP) acceptor and N,N-disubstituted aminophenyl donor. New Journal of Chemistry, 2019, 43, 17923-17926.	1.4	4
26	Direct synthesis of variously substituted negative photochromes of hydroxytricyanopyrrole (HTCP) series. Synthetic Communications, 2020, 50, 2413-2421.	1.1	4
27	Synthesis and fine-tuning of thermal stability of the negative nitrile-rich photochromes of hydroxytricyanopyrrole (HTCP) series. Research on Chemical Intermediates, 2020, 46, 3477-3490.	1.3	4
28	Reductive alkylation of disulfides. Synthesis of 2-(alkylsulfanyl)-1H-pyrrole-3-carbonitriles. Russian Journal of Organic Chemistry, 2016, 52, 1784-1787.	0.3	3
29	Synthesis and Solid State Fluorescence of Tricyanofuran Derivatives Containing a 2-Vinylphenol Fragment. Russian Journal of Organic Chemistry, 2019, 55, 1623-1625.	0.3	3
30	Synthesis of 3-(Dialkylamino)-4-halofuro[3,4-c]pyridin-1(3H)-ones. Russian Journal of Organic Chemistry, 2020, 56, 49-52.	0.3	3
31	Reaction of 2-Chloropyridine-3,4-dicarbonitrile with Anilines. Synthesis of 2-(Arylamino)pyridine-3,4-dicarbonitriles. Russian Journal of Organic Chemistry, 2021, 57, 1361-1364.	0.3	3
32	Synthesis of 3-amino-8-hydroxy-2-methyl-1,6-dioxo-2,7-diazaspiro[4.4]non-3-ene-4-carbonitriles. Russian Journal of Organic Chemistry, 2015, 51, 1189-1190.	0.3	2
33	Synthesis of 9-alkyl-8-methoxy-8-methyl-1,3,6-trioxo-2,7-diazaspiro[4.4]nonane-4-carbonitriles. Russian Journal of Organic Chemistry, 2016, 52, 1606-1609.	0.3	2
34	Synthesis of photochromic maleimides containing dithienylethene and azobenzene fragments. Russian Journal of Organic Chemistry, 2017, 53, 141-143.	0.3	2
35	Selective quasi-hydrolysis of cyano group in 6-hydroxypiperidine-3,4,4-tricarbonitriles. Russian Journal of Organic Chemistry, 2017, 53, 1828-1832.	0.3	2
36	Synthesis of 3-R-Sulfanyl-5-amino-1-phenyl-1H-pyrazole-4-Carbonitriles. Russian Journal of Organic Chemistry, 2020, 56, 177-180.	0.3	2

#	Article	IF	Citations
37	Synthesis of 3,7,9-triazatricyclo[6.2.1.01,5]undeca-2,4-dienes by reaction of 2-oxa-7-azaspiro[4.4]nona-3,6,8-trienes with sodium hydroxide. Russian Journal of Organic Chemistry, 2016, 52, 1854-1856.	0.3	1
38	Synthesis of geminal dinitro derivatives of cycloalka[b]pyridin-2-one. Russian Journal of Organic Chemistry, 2016, 52, 827-829.	0.3	1
39	Synthesis of new 3H-pyrrole derivatives from 3-aryl-2-oxa-7-azaspiro[4.4]nona-3,6,8-trienes. Russian Journal of Organic Chemistry, 2016, 52, 1312-1315.	0.3	1
40	Iminothiolactone-thiolactam rearrangement in the synthesis of 4-amino-6-thioxo-3,7,9-triazatricyclo-[6.2.1.01,5]undec-4-ene-2,10-diones. Chemistry of Heterocyclic Compounds, 2017, 53, 1045-1049.	0.6	1
41	Synthesis of 4-Halo-3-isopropoxyfuro[3,4-Ñ]-pyridin-1(3H)-ones. Russian Journal of Organic Chemistry, 2019, 55, 1669-1673.	0.3	1
42	Synthesis of 4-Halofuro[3,4-c]pyridin-3(1H)-ones from 2-Halopyridine-3,4-dicarbonitriles. Russian Journal of Organic Chemistry, 2020, 56, 1540-1544.	0.3	1
43	Reaction of 4-Halo-3-hydroxyfuro[3,4-c]pyridin-1(3H)-ones with Morpholine and Thiomorpholine. Russian Journal of Organic Chemistry, 2021, 57, 483-485.	0.3	1
44	Synthesis and Antiproliferative Activity of 2-oxo-1,2-dihydropyridine-3,4-dicarbonitriles. Pharmaceutical Chemistry Journal, 2022, 56, 325-328.	0.3	1
45	Synthesis of 5-oxoalkane-2,2,3,3-tetracarbonitriles. Russian Journal of Organic Chemistry, 2015, 51, 936-939.	0.3	0
46	Synthesis of 3-amino-8-hydroxy-1,6-dioxo-4-cyano-2,7-diazaspiro[4.4]non-3-en-2-ides ammonium salts. Russian Journal of Organic Chemistry, 2016, 52, 1143-1147.	0.3	0
47	Synthesis of 4-halo-3-(phenylamino)furo[3,4-c]pyridin-1(3H)-ones. Russian Journal of Organic Chemistry, 2017, 53, 1660-1663.	0.3	0
48	N-acylimino-substituted 2-oxa-7-azaspiro[4.4]nona-3,6,8-trienes in the synthesis of 3-(1H-1,2,4-triazol-3-yl)-3H-pyrrole-4-carbonitriles. Russian Journal of Organic Chemistry, 2017, 53, 1696-1700.	0.3	0
49	New approach to the synthesis of 2,3-dihydrofuro[2,3-b]pyridine derivatives: double reduction and double heterocyclization of 2-(3-cyano-5-hydroxy-1,5-dihydro-2H-pyrrol-2-ylidene)malononitriles in the presence of sodium borohydride. Chemistry of Heterocyclic Compounds, 2018, 54, 447-450.	0.6	0
50	Ð¡Ð¸Ð½Ñ‚ÐµÐ· Ð¸ Ð°Ð½Ñ‚Ð¸Ð¿Ñ€Ð¾Ð»Ð¸Ñ„ÐµÑ€Ð°Ñ‚Ð¸Ð²Ð½Ð°Ñ• Ð°ÐºÑ‚Ð¸Ð²Ð½Ð¾ÑŒ 2-Ð¾ÐºÑÐ¾-1,2-Ð´Ð¸Ð³Ð¸Ð´Ñ€Ð¾		