

# Sergy Makarenko

## List of Publications by Year in descending order

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58  
papers

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citations

1162889

8  
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1125617

13  
g-index

64  
all docs

64  
docs citations

64  
times ranked

173  
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic chemistry. History and mutual relations of universities of Russia. Russian Journal of Organic Chemistry, 2017, 53, 1275-1437.	0.3	48
2	Synthesis of 3-Bromo-3-nitroacrylates. Russian Journal of Organic Chemistry, 2004, 40, 908-909.	0.3	18
3	3-(Nitromethyl)-3,4-dihydroquinoxalin-2(1H)-ones: synthesis and structure. Chemistry of Heterocyclic Compounds, 2016, 52, 574-577.	0.6	10
4	3-Nitroacrylates as promising substrates for the construction of carbo- and heterocyclic structures. Russian Chemical Bulletin, 2019, 68, 1821-1837.	0.4	10
5	Alkyl 3-nitroacrylates: Synthesis and reactions with cyclohexane-1,3-diones and Meldrum's acid. Russian Journal of Organic Chemistry, 2017, 53, 1799-1808.	0.3	9
6	3-Nitro- and 3-bromo-3-nitroacrylates in reactions with 2-phenyl-1,3-indanedione. Russian Journal of Organic Chemistry, 2006, 42, 1242-1243.	0.3	8
7	1-Aryl-2-nitro-3-trichloromethylaziridines: synthesis and structure. Russian Chemical Bulletin, 2009, 58, 1023-1033.	0.4	8
8	One-pot synthesis of tetrahydrobenzofuran-3-carboxylates. Russian Journal of General Chemistry, 2010, 80, 1048-1049.	0.3	8
9	Alkyl 3-bromo-3-nitroacrylates – convenient building blocks for the construction of benzo-fused six-membered N,N-, N,O- and five-membered O,O-heterocycles. Chemistry of Heterocyclic Compounds, 2018, 54, 502-507.	0.6	8
10	Ethyl 3-halo-3-nitroacrylates: synthesis and reactions with primary aromatic amines. Russian Chemical Bulletin, 2021, 70, 1605-1612.	0.4	8
11	Synthesis and Structure of 1-Bromo-1-nitro-2-piperidino(cyclohexylamino)-2-phenylethenes. Russian Journal of General Chemistry, 2001, 71, 429-436.	0.3	7
12	Synthesis and structure of 2-(nitromethylene)-2H-1,4-benzothiazin-3(4H)-one. Russian Journal of General Chemistry, 2006, 76, 135-140.	0.3	7
13	Conformational analysis of 2-substituted 1-nitro- and 1-bromo-1-nitroethenes. Russian Journal of General Chemistry, 2007, 77, 894-898.	0.3	7
14	Reactions of 1-bromo-1-nitro-3,3,3-trichloropropene with O- and N-nucleophiles. Russian Journal of General Chemistry, 2010, 80, 2460-2465.	0.3	6
15	Furan-containing gem-bromonitroethenes: Synthesis and reaction with morpholine. Russian Journal of General Chemistry, 2015, 85, 1424-1430.	0.3	6
16	Synthesis of nitromethyl-, N-methylindolyl-, or N-methylindolyl-nitromethyl-substituted 1,4-benzothiazin(diazin)ones and 3-methyl-1,4-benzoxazinones from alkyl 3-nitroacrylates. Chemistry of Heterocyclic Compounds, 2018, 54, 729-735.	0.6	6
17	Optimization of the Synthesis of Benzo[b]furan-3-carboxylates Based on Alkyl 3-Bromo-3-nitroacrylates. Russian Journal of General Chemistry, 2021, 91, 167-172.	0.3	6
18	Synthesis of 2-morpholino(piperidino)-3-nitroacrylates. Russian Journal of Organic Chemistry, 2004, 40, 1544-1545.	0.3	5

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19	2-Nitromethyl-2-trichloromethyl-1,3-benzodioxoles and 2-nitromethyl-2-trichloromethyl-1,3-benzoxazolines: Synthesis and structure. Russian Chemical Bulletin, 2013, 62, 1377-1381.	0.4	5
20	Synthesis and Structure of Geminally Activated 1-Nitro-4-phenylbuta-1,3-dienes. Russian Journal of General Chemistry, 2018, 88, 36-40.	0.3	5
21	Alkyl 3-Bromo-3-nitroacrylates in Reactions with Aliphatic Alcohols. Russian Journal of General Chemistry, 2019, 89, 532-535.	0.3	5
22	Synthesis and structure of alkyl 2,3-dibromo-3-nitroacrylates. Russian Chemical Bulletin, 2009, 58, 2039-2042.	0.4	4
23	Alkyl 2,3-dibromo-3-nitroacrylates in the reaction with o-phenylenediamine. Russian Journal of General Chemistry, 2010, 80, 158-159.	0.3	4
24	Synthesis approach to functionalized Chromens. Russian Journal of General Chemistry, 2011, 81, 155-157.	0.3	4
25	Synthesis and structure of alkyl- $\beta$ -arylamino- $\beta$ -bromo- $\beta$ -nitroacrylates, new functionalized $\beta$ -nitroenamines. Russian Journal of General Chemistry, 2011, 81, 376-384.	0.3	4
26	Reaction of 2-(2-bromo-2-nitroethenyl)furan derivatives with dimedone and cyclohexane-1,3-dione. Russian Journal of Organic Chemistry, 2015, 51, 1286-1292.	0.3	4
27	Synthesis and structure of alkyl 2-arylsulfanyl-3-nitroacrylates. Russian Chemical Bulletin, 2018, 67, 815-821.	0.4	4
28	Synthesis and structure of new $\beta$ -functionalized gem-bromonitroethenes " 2-arylsulfanyl- and 2-aryloxy-3-bromo-3-nitroacrylates. Russian Chemical Bulletin, 2020, 69, 2191-2197.	0.4	4
29	Synthesis of Indolylnitroethylphosphonates and Indolylnitronitropropanoates. Russian Journal of General Chemistry, 2003, 73, 1328-1330.	0.3	3
30	Indole-containing 2-Nitroethenylphosphonates: Synthesis and Structure. Russian Journal of General Chemistry, 2004, 74, 110-119.	0.3	3
31	$\beta$ -Indolyl- $\beta$ -nitroacrylates. Synthesis and structure. Russian Journal of General Chemistry, 2008, 78, 963-970.	0.3	3
32	Alkyl-2,3-dibromo-3-nitroacrylates in the reactions with substituted hydrazines. Russian Journal of General Chemistry, 2013, 83, 1744-1750.	0.3	3
33	Effect of the donor-acceptor properties of ligands on the spectroscopic and electrochemical properties of mixed-ligand complexes of Pt(II) and Ir(III) with cyclometalated 2-phenylbenzothiazole. Optics and Spectroscopy (English Translation of Optika i Spektroskopiya), 2017, 122, 426-434.	0.2	3
34	Synthesis and Structure of Geminally Activated Nitroethenes of the Indole Series. Russian Journal of General Chemistry, 2019, 89, 870-880.	0.3	3
35	2-[4-(Het)aryl-2-oxopyrrolidin-1-yl]acetohydrazides: synthesis, structures, and reactions with carbonyl compounds. Russian Chemical Bulletin, 2020, 69, 996-1008.	0.4	3
36	Alkyl 3-Nitroacrylates in Reactions with Semicarbazide. Russian Journal of General Chemistry, 2020, 90, 493-494.	0.3	3

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37	Reaction of alkyl 3-bromo-3-nitroacrylates with substituted hydrazines. Synthesis of N <sup>ε</sup> -substituted alkyl 3-nitropyruvate hydrazones. Russian Chemical Bulletin, 2022, 71, 740-749.	0.4	3
38	Reactions of 1,2-Dibromo-1-nitrostyrenes with Acetylacetone and Ethyl Acetoacetate. Russian Journal of General Chemistry, 2003, 73, 603-606.	0.3	2
39	Preparation of 2-Benzoyl-1-bromo-1-nitroethene. Russian Journal of Organic Chemistry, 2004, 40, 1219-1220.	0.3	2
40	Synthesis of 1-pyrrolyl-2-nitroacrylates. Russian Journal of General Chemistry, 2007, 77, 153-154.	0.3	2
41	One-pot synthesis of substituted 1,3-benzothiazole and 1,4-benzothiazinone from dibromonitroacrylates. Russian Journal of Organic Chemistry, 2014, 50, 83-86.	0.3	2
42	Reactions of 1-bromo-1-nitro-3,3,3-trichloropropene with acetylacetone and cyclohexane-1,3-dione. Russian Journal of General Chemistry, 2015, 85, 2291-2294.	0.3	2
43	Synthesis and Structure of 2-(4-Hetaryl-2-pyrrolidon-1-yl)acetamides. Russian Journal of General Chemistry, 2018, 88, 1374-1380.	0.3	2
44	4-Het(aryl)-2-pyrrolidone-3(5)-carboxylic acid alkyl(hetaryl)idenecarbohydrazides: synthesis and structure. Russian Chemical Bulletin, 2020, 69, 470-486.	0.4	2
45	Alkyl 3-Nitroacrylates in Reactions with Substituted Hydrazines. Russian Journal of General Chemistry, 2022, 92, 141-146.	0.3	2
46	2-Pyrrolidones containing pyridine and benzimidazole: Synthesis and structure. Russian Journal of General Chemistry, 2017, 87, 2486-2488.	0.3	1
47	Synthesis of Geminally Activated 4-(Furan-2-yl)- and 4-(Thiophen-2-yl)-1-nitrobuta-1,3-dienes. Russian Journal of General Chemistry, 2019, 89, 865-869.	0.3	1
48	Synthesis and Structure of 4-Het(aryl)-3,5,5-trimethoxycarbonyl-2-pyrrolidones. Russian Journal of General Chemistry, 2019, 89, 1541-1544.	0.3	1
49	Alkyl 3-Nitroacrylates in the Reactions with Heterocyclic CH Acids. Russian Journal of General Chemistry, 2020, 90, 1398-1402.	0.3	1
50	Synthesis of Phosphorylated Nitrovinylindoles. Russian Journal of General Chemistry, 2003, 73, 823-824.	0.3	0
51	Synthesis of 3-Bromo-3-nitroacrylates.. ChemInform, 2005, 36, no.	0.1	0
52	Preparation of 2-Benzoyl-1-bromo-1-nitroethene. ChemInform, 2005, 36, no.	0.1	0
53	Synthesis of 2-Morpholino(piperidino)-3-nitroacrylates.. ChemInform, 2005, 36, no.	0.1	0
54	Structure of alkyl 2,3-dibromo-3-nitroacrylates in solution. Russian Journal of General Chemistry, 2010, 80, 1996-2000.	0.3	0

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55	Dipole moments and quantum chemical study of the structure of furan-containing gem-bromonitroethenes. Russian Journal of Organic Chemistry, 2015, 51, 1282-1285.	0.3	0
56	Structures and optical and electrochemical properties of the Pt(II) and Pd(II) complexes with cyclometallated 2-phenylbenzothiazole and 1,4,7-trithiocyclononane. Russian Journal of Coordination Chemistry/Koordinatsionnaya Khimiya, 2017, 43, 297-303.	0.3	0
57	Some Features of the Reactions of 3-Nitro-6-phenylhexa-3,5-dien-2-one with Thiophenols. Russian Journal of General Chemistry, 2020, 90, 769-772.	0.3	0
58	Synthesis and Structure of 4-Aryl(hetaryl)-2-pyrrolidone-3,5,5-tricarboxylic Acids Amides. Russian Journal of General Chemistry, 2021, 91, 1466-1470.	0.3	0