

# Dmitry A Gruzdev

## List of Publications by Year in descending order

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40  
papers

605  
citations

687363

13  
h-index

677142

22  
g-index

42  
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42  
docs citations

42  
times ranked

405  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonenzymatic Acylative Kinetic Resolution of Racemic Amines and Related Compounds. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1471-1493.	2.4	95
2	Chirality-Dependent Growth of Self-Assembled Diphenylalanine Microtubes. <i>Crystal Growth and Design</i> , 2019, 19, 6414-6421.	3.0	38
3	Acylative kinetic resolution of racemic amines using N-phthaloyl-(S)-amino acyl chlorides. <i>Tetrahedron: Asymmetry</i> , 2010, 21, 936-942.	1.8	31
4	Acylative kinetic resolution of racemic heterocyclic amines using N-phthaloyl-(S)-amino acyl chlorides with alkyl side chains. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 1640-1646.	1.8	24
5	Carborane-containing amino acids and peptides: Synthesis, properties and applications. <i>Coordination Chemistry Reviews</i> , 2021, 433, 213753.	18.8	24
6	Substituent effect on the stereoselectivity of acylation of racemic heterocyclic amines with N-phthaloyl-3-aryl-(S)-alanyl chlorides. <i>Tetrahedron: Asymmetry</i> , 2011, 22, 185-189.	1.8	23
7	Purine derivatives with antituberculosis activity. <i>Russian Chemical Reviews</i> , 2018, 87, 604-618.	6.5	23
8	A comparative study on the acylative kinetic resolution of racemic fluorinated and non-fluorinated 2-methyl-1,2,3,4-tetrahydroquinolines and 3,4-dihydro-3-methyl-2H-[1,4]benzoxazines. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 1240-1246.	1.8	22
9	Synthesis and antimycobacterial activity of N-(2-aminopurin-6-yl) and N-(purin-6-yl) amino acids and dipeptides. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2016, 26, 2645-2648.	2.2	22
10	N-Tosyl-(S)-Prolyl Chloride in Kinetic Resolution of Racemic Heterocyclic Amines. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 49, 1795-1807.	1.2	19
11	Novel synthetic routes to N-(2-amino-9H-purin-6-yl)-substituted amino acids. <i>Mendeleev Communications</i> , 2014, 24, 35-36.	1.6	16
12	Synthesis and antimycobacterial activity of novel purin-6-yl and 2-aminopurin-6-yl conjugates with (S)-Tj ETQqO O 0,rgBT /Overlock 10 T	1.6	15
13	<i>N</i>-Aminoacyl-3-amino-<i>nido</i>-carboranes as a Group of Boron-Containing Derivatives of Natural Amino Acids. <i>Journal of Organic Chemistry</i> , 2022, 87, 5437-5441.	3.2	15
14	Acylative kinetic resolution of racemic heterocyclic amines with (R)-2-phenoxypropionyl chloride. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 1231-1237.	1.8	14
15	Piezoelectric and ferroelectric properties of organic single crystals and films derived from chiral 2-methoxy and 2-amino acids. <i>Ferroelectrics</i> , 2016, 496, 1-9.	0.6	13
16	Synthesis of ortho-carboranyl derivatives of (S)-asparagine and (S)-glutamine. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 769-776.	0.8	13
17	<i>N</i>-[(Purin-6-yl)aminoalkanoyl] Derivatives of Chiral Heterocyclic Amines as Promising Anti-Herpesvirus Agents. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4811-4821.	2.4	13
18	Enzymatic synthesis of novel purine nucleosides bearing a chiral benzoxazine fragment. <i>Chemical Biology and Drug Design</i> , 2019, 93, 605-616.	3.2	13

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19	Diastereoselective Acylation of Racemic Heterocyclic Amines with N-Tosyl-(S)-Prolyl Chloride and its Structural Analogs. <i>Chemistry of Heterocyclic Compounds</i> , 2014, 50, 838-855.	1.2	11
20	Diastereoselective acylation of 3,4-dihydro-3-methyl-2H-[1,4]benzoxazines with 2-phenoxy carbonyl chlorides. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 312-319.	1.8	11
21	Chemoenzymatic arabinosylation of 2-aminopurines bearing the chiral fragment of 7,8-difluoro-3-methyl-3,4-dihydro-2H-[1,4]benzoxazines. <i>Mendeleev Communications</i> , 2016, 26, 6-8.	1.6	11
22	Mutual Kinetic Resolution of Racemic 3,4-dihydro-3-methyl-2H-[1,4]benzoxazines with Acyl Chlorides of Racemic Phenylactic Acids and DFT Modelling of Transition States. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 4577-4585.	2.4	11
23	Synthesis and antimycobacterial activity of purine conjugates with (S)-lysine and (S)-ornithine. <i>Mendeleev Communications</i> , 2019, 29, 11-13.	1.6	11
24	Fragment-based approach to novel bioactive purine derivatives. <i>Pure and Applied Chemistry</i> , 2020, 92, 1277-1295.	1.9	11
25	Synthesis of novel purin-6-yl conjugates with heterocyclic amines linked via 6-aminohexanoyl fragment. <i>Mendeleev Communications</i> , 2015, 25, 412-414.	1.6	10
26	Synthesis of purine and 2-aminopurine conjugates bearing the fragments of heterocyclic amines at position 6. <i>Chemistry of Heterocyclic Compounds</i> , 2015, 51, 738-744.	1.2	10
27	Morphology and piezoelectric characterization of thin films and microcrystals of ortho-carboranyl derivatives of (S)-glutamine and (S)-asparagine. <i>Ferroelectrics</i> , 2017, 509, 113-123.	0.6	10
28	Piezoactive amino acid derivatives containing fragments of planar-chiral ortho-carboranes. <i>Journal of Materials Chemistry C</i> , 2018, 6, 8638-8645.	5.5	9
29	New chiral proline-based catalysts for silicon and zirconium oxides-promoted asymmetric Biginelli reaction. <i>Chemistry of Heterocyclic Compounds</i> , 2018, 54, 417-427.	1.2	9
30	Kinetic Resolution Using Diastereoselective Acylating Agents as a Synthetic Approach to Enantiopure Amines. <i>Advances in Organic Synthesis</i> , 2018, , 151-199.	0.5	9
31	Synthesis of enantiomers of 3-methyl- and 3-phenyl-3,4-dihydro-2H-[1,4]benzothiazines and their 1,1-dioxides via an acylative kinetic resolution protocol. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 186-194.	1.8	7
32	Preparation of enantiomerically pure derivatives of (3-amino-1,2-dicarba-closo-dodecaboran-1-yl)acetic acid. <i>Journal of Organometallic Chemistry</i> , 2018, 876, 50-56.	1.8	7
33	Synthesis of a novel planar-chiral nido-carborane amino acid. <i>Russian Chemical Bulletin</i> , 2021, 70, 539-544.	1.5	7
34	Liposomes loaded with lipophilic derivative of closo-carborane as a potential boron delivery system for boron neutron capture therapy of tumors. <i>Mendeleev Communications</i> , 2021, 31, 659-661.	1.6	7
35	Synthesis of Pyrimidine Conjugates with 4-(6-Amino-hexanoyl)-7,8-difluoro-3,4-dihydro-3-methyl-2H-[1,4]benzoxazine and Evaluation of Their Antiviral Activity. <i>Molecules</i> , 2022, 27, 4236.	3.8	5
36	Enantiomers of all-cis-5-(4-bromophenyl)-4-tert-butoxycarbonyl-2-methoxycarbonylpyrrolidine: preparative HPLC separation and acylative kinetic resolution of the racemate. <i>Tetrahedron: Asymmetry</i> , 2012, 23, 1683-1688.	1.8	4

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37	Synthesis of meta-Carboranyl-(S)-homocysteine Sulfoxide. Russian Journal of Organic Chemistry, 2018, 54, 1579-1582.	0.8	4
38	Synthesis of enantiomerically pure 2-aryloxy carboxylic acids and their derivatives. Russian Chemical Reviews, 2019, 88, 1063-1080.	6.5	4
39	Acylation kinetic resolution of racemic methyl-substituted cyclic alkylamines with 2,5-dioxopyrrolidin-1-yl (<i>R</i>)-2-phenoxypropanoate. Organic and Biomolecular Chemistry, 2022, 20, 862-869.	2.8	3
40	Synthesis and piezoelectric properties of N-phthaloylglutamic acid derivatives. Russian Chemical Bulletin, 2017, 66, 1439-1445.	1.5	1