

# Oleg V Larionov

## List of Publications by Year in descending order

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76  
papers

3,699  
citations

101543

36  
h-index

133252

59  
g-index

92  
all docs

92  
docs citations

92  
times ranked

3459  
citing authors

#	ARTICLE	IF	CITATIONS
1	Scalable, Metal- and Additive-Free, Photoinduced Borylation of Haloarenes and Quaternary Arylammonium Salts. <i>Journal of the American Chemical Society</i> , 2016, 138, 2985-2988.	13.7	239
2	Versatile Direct Synthesis of Oligosubstituted Pyrroles by Cycloaddition of $\beta$ -Metalated Isocyanides to Acetylenes. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 5664-5667.	13.8	220
3	Recent advances in the C-H-functionalization of the distal positions in pyridines and quinolines. <i>Tetrahedron</i> , 2015, 71, 8683-8716.	1.9	135
4	Palladium-Catalyzed C8-Selective C-H Arylation of Quinoline N-Oxides: Insights into the Electronic, Steric, and Solvation Effects on the Site Selectivity by Mechanistic and DFT Computational Studies. <i>ACS Catalysis</i> , 2015, 5, 167-175.	11.2	127
5	Direct, Catalytic, and Regioselective Synthesis of 2-Alkyl-, Aryl-, and Alkenyl-Substituted N-Heterocycles from N-Oxides. <i>Organic Letters</i> , 2014, 16, 864-867.	4.6	121
6	Heterocyclic N-Oxides - An Emerging Class of Therapeutic Agents. <i>Current Medicinal Chemistry</i> , 2015, 22, 2819-2857.	2.4	116
7	Additive- and Metal-Free, Predictably 1,2- and 1,3-Regioselective, Photoinduced Dual C-H/C-X Borylation of Haloarenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 8408-8411.	13.7	113
8	Visible Light-Induced Borylation of C=O, C=N, and C=X Bonds. <i>Journal of the American Chemical Society</i> , 2020, 142, 1603-1613.	13.7	111
9	Oligosubstituted Pyrroles Directly from Substituted Methyl Isocyanides and Acetylenes. <i>Chemistry - A European Journal</i> , 2009, 15, 227-236.	3.3	102
10	Synthesis of $\beta$ -Amino Acids via Asymmetric Phase Transfer-Catalyzed Alkylation of Achiral Nickel(II) Complexes of Glycine-Derived Schiff Bases. <i>Journal of the American Chemical Society</i> , 2003, 125, 12860-12871.	13.7	101
11	Asymmetric PTC C-alkylation mediated by TADDOL - novel route to enantiomerically enriched $\beta$ -alkyl- $\beta$ -amino acids. <i>Tetrahedron: Asymmetry</i> , 1998, 9, 851-857.	1.8	96
12	GaCl <sub>3</sub> -Catalyzed Insertion of Diazene Derivatives into the Cyclopropane Ring <sup>1</sup> . <i>Journal of Organic Chemistry</i> , 2007, 72, 7504-7510.	3.2	96
13	What is Amphidinolide V? Report on a Likely Conquest. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 5545-5548.	13.8	91
14	Total Synthesis and Biological Evaluation of Amphidinolide V and Analogues. <i>Chemistry - A European Journal</i> , 2009, 15, 4011-4029.	3.3	91
15	Highly Efficient Catalytic Synthesis of $\beta$ -Amino Acids under Phase-Transfer Conditions with a Novel Catalyst/Substrate Pair. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 1948-1951.	13.8	78
16	Inhibitor-binding mode of homobelactosin C to proteasomes: New insights into class I MHC ligand generation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 4576-4579.	7.1	74
17	Alkene Synthesis by Photocatalytic Chemoenzymatically Compatible Dehydrodecarboxylation of Carboxylic Acids and Biomass. <i>ACS Catalysis</i> , 2019, 9, 9485-9498.	11.2	74
18	Asymmetric PTC C-Alkylation Catalyzed by Chiral Derivatives of Tartaric Acid and Aminophenols. Synthesis of (R)- and (S)- $\beta$ -Methyl Amino Acids. <i>Journal of Organic Chemistry</i> , 2000, 65, 7041-7048.	3.2	72

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19	An Unconventional Approach to the Enantioselective Synthesis of Caryophylloids. <i>Journal of the American Chemical Society</i> , 2008, 130, 2954-2955.	13.7	72
20	Visible-Light-Enabled Direct Decarboxylative N-Alkylation. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7921-7927.	13.8	72
21	Antiviral Activity of Novel Quinoline Derivatives against Dengue Virus Serotype 2. <i>Molecules</i> , 2018, 23, 672.	3.8	71
22	Synthetic and mechanistic aspects of the regioselective base-mediated reaction of perfluoroalkyl- and perfluoroarylsilanes with heterocyclic N-oxides. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6190-6199.	2.8	68
23	Highly Regio- and Stereoselective Catalytic Synthesis of Conjugated Dienes and Polyenes. <i>Journal of the American Chemical Society</i> , 2018, 140, 8434-8438.	13.7	68
24	Three-component reaction of small-ring cyclic amines with arynes and acetonitrile. <i>Chemical Communications</i> , 2013, 49, 6558.	4.1	62
25	Experimental and mechanistic analysis of the palladium-catalyzed oxidative C8-selective C-H homocoupling of quinoline N-oxides. <i>Chemical Communications</i> , 2015, 51, 9507-9510.	4.1	62
26	Ni(II)-Catalyzed Enantioselective Conjugate Addition of Acetylenes to $\alpha,\beta$ -Enones. <i>Organic Letters</i> , 2010, 12, 300-302.	4.6	57
27	Enantioselective Total Syntheses of Belactosin A, Belactosin C, and Its Homoanalogue. <i>Organic Letters</i> , 2004, 6, 2153-2156.	4.6	54
28	Catalytic Diastereo- and Enantioselective Annulations between Transient Nitrosoalkenes and Indoles. <i>Chemistry - A European Journal</i> , 2012, 18, 16612-16615.	3.3	52
29	Functional group divergence and the structural basis of acridine photocatalysis revealed by direct decarboxysulfonylation. <i>Chemical Science</i> , 2022, 13, 4170-4179.	7.4	46
30	Organoboron chemistry comes to light: Recent advances in photoinduced synthetic approaches to organoboron compounds. <i>Tetrahedron</i> , 2019, 75, 584-602.	1.9	41
31	Acridine Photocatalysis: Insights into the Mechanism and Development of a Dual-Catalytic Direct Decarboxylative Conjugate Addition. <i>ACS Catalysis</i> , 2020, 10, 11448-11457.	11.2	41
32	<b>N-Heterocyclic Carbene-Photocatalyzed Tricomponent Regioselective 1,2-Diacylation of Alkenes Illuminates the Mechanistic Details of the Electron Donor-Acceptor Complex-Mediated Radical Relay Processes</b> . <i>ACS Catalysis</i> , 2022, 12, 285-294.	11.2	41
33	Photocatalytic decarboxylative amidosulfonation enables direct transformation of carboxylic acids to sulfonamides. <i>Chemical Science</i> , 2021, 12, 6429-6436.	7.4	39
34	Decarboxylative Phosphine Synthesis: Insights into the Catalytic, Autocatalytic, and Inhibitory Roles of Additives and Intermediates. <i>ACS Catalysis</i> , 2019, 9, 9764-9774.	11.2	38
35	Insights into the mechanistic and synthetic aspects of the Mo/P-catalyzed oxidation of N-heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3026-3036.	2.8	37
36	Mechanistic insights into the potassium tert-butoxide-mediated synthesis of N-heterobiaryls. <i>Chemical Communications</i> , 2016, 52, 9945-9948.	4.1	37

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37	Cytotoxicity and Mechanism of Action of the Marine-Derived Fungal Metabolite Trichodermamide B and Synthetic Analogues. <i>Journal of Natural Products</i> , 2017, 80, 676-683.	3.0	36
38	Identification of Inhibitors of CD36-Amyloid Beta Binding as Potential Agents for Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2017, 8, 1232-1241.	3.5	35
39	Assessment of Novel Curcumin Derivatives as Potent Inhibitors of Inflammation and Amyloid- $\beta^2$ Aggregation in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017, 60, S59-S68.	2.6	35
40	Productive Asymmetric Synthesis of All Four Diastereomers of 3-(trans-2-Nitrocyclopropyl)alanine from Glycine with (S)- or (R)-2-[(N-Benzylpropyl)amino]benzophenone as a Reusable Chiral Auxiliary. <i>European Journal of Organic Chemistry</i> , 2003, 2003, 869-877.	2.4	34
41	Concise Total Synthesis of Trichodermamides A, B, and C Enabled by an Efficient Construction of the 1,2-Oxazadecaline Core. <i>Journal of the American Chemical Society</i> , 2015, 137, 8050-8053.	13.7	31
42	Photoinduced C(sp <sup>3</sup> )-H sulfination empowers the direct and chemoselective introduction of the sulfonyl group. <i>Chemical Science</i> , 2021, 12, 13914-13921.	7.4	30
43	Metal- and additive-free photoinduced borylation of haloarenes. <i>Nature Protocols</i> , 2017, 12, 604-610.	12.0	29
44	Efficient synthesis of 3-sulfolenes from allylic alcohols and 1,3-dienes enabled by sodium metabisulfite as a sulfur dioxide equivalent. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3605-3609.	2.8	25
45	Photoinduced Carboborative Ring Contraction Enables Regio- and Stereoselective Synthesis of Multiply Substituted Five-Membered Carbocycles and Heterocycles. <i>Journal of the American Chemical Society</i> , 2017, 139, 11365-11368.	13.7	24
46	Synthesis and biological activity of optimized belactosin C congeners. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 7791.	2.8	22
47	Rapid and Chemodivergent Synthesis of N-Heterocyclic Sulfones and Sulfides: Mechanistic and Computational Details of the Persulfate-Initiated Catalysis. <i>ACS Catalysis</i> , 2019, 9, 4015-4024.	11.2	22
48	Straightforward Access to Hexahydropyrrolo[2,3-b]indole Core by a Regioselective C3-Azo Coupling Reaction of Arenediazonium Compounds with Tryptamines. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3662-3670.	2.4	17
49	Synthesis and biological activity of simplified belactosin C analogues. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 6363.	2.8	16
50	Tricomponent Decarboxysulfonylative Cross-coupling Facilitates Direct Construction of Aryl Sulfones and Reveals a Mechanistic Dualism in the Acridine/Copper Photocatalytic System. <i>ACS Catalysis</i> , 2022, 12, 8729-8739.	11.2	16
51	Highly stereoselective and catalytic desulfitative C O and C I dienylation with sulfolenes: The importance of basic additives. <i>Tetrahedron</i> , 2019, 75, 3258-3264.	1.9	15
52	Deoxygenative $\alpha$ -alkylation and $\alpha$ -arylation of 1,2-dicarbonyls. <i>Chemical Science</i> , 2020, 11, 9101-9108.	7.4	14
53	<i>Z</i> -Selective Dienylation Enables Stereodivergent Construction of Dienes and Unravels a Ligand-Driven Mechanistic Dichotomy. <i>ACS Catalysis</i> , 2021, 11, 1042-1052.	11.2	14
54	Transition Metal-Catalyzed C-H Functionalization of Heterocyclic N-Oxides. <i>Topics in Heterocyclic Chemistry</i> , 2017, , 59-84.	0.2	13

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55	Photoelectron Spectra and Electronic Structures of Some Acceptor-Substituted Cyclopropanes: Linear Correlation of Substituent Effects on MO Energies with Molecular Structures. <i>Chemistry - A European Journal</i> , 2003, 9, 2953-2962.	3.3	12
56	Rational synthesis of all the four stereoisomers of 3-(trans-2-aminocyclopropyl)alanine. <i>Mendeleev Communications</i> , 2003, 13, 199-200.	1.6	12
57	The effect of new proteasome inhibitors, belactosin A and C, on protein metabolism in isolated rat skeletal muscle. <i>Journal of Physiology and Biochemistry</i> , 2009, 65, 137-146.	3.0	12
58	Insights into the structural patterns of the antileishmanial activity of bi- and tricyclic N-heterocycles. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 7053-7060.	2.8	12
59	Asymmetric alkylation catalyzed by chiral alkali metal alkoxides of TADDOL. Synthesis of $\hat{\pm}$ -methyl amino acids. <i>Russian Chemical Bulletin</i> , 1999, 48, 917-923.	1.5	10
60	Organocatalytic Synthesis of Methylene-Bridged <i>N</i> -Heterobiaryls. <i>Organic Letters</i> , 2016, 18, 5808-5811.	4.6	10
61	Bond Memory in Dynamically Determined Stereoselectivity. <i>Journal of the American Chemical Society</i> , 2020, 142, 85-88.	13.7	10
62	Visible-Light-Enabled Direct Decarboxylative <i>N</i> -Alkylation. <i>Angewandte Chemie</i> , 2020, 132, 7995-8001.	2.0	10
63	Practical Syntheses of Both Enantiomers of Cyclopropylglycine and of Methyl 2-Cyclopropyl-2-N-Boc-iminoacetate. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 1071-1078.	4.3	9
64	A Radical New Look for Alkene Carboboration. <i>CheM</i> , 2018, 4, 1205-1207.	11.7	9
65	Hexahydropyrrolo[2,3- <i>b</i> ]indole Compounds as Potential Therapeutics for Alzheimer's Disease. <i>ACS Chemical Neuroscience</i> , 2019, 10, 4250-4263.	3.5	9
66	Antileishmanial activity of a new chloroquine analog in an animal model of <i>Leishmania panamensis</i> infection. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2020, 14, 56-61.	3.4	8
67	A Computational Approach to Explore the Interaction of Semisynthetic Nitrogenous Heterocyclic Compounds with the SARS-CoV-2 Main Protease. <i>Biomolecules</i> , 2021, 11, 18.	4.0	7
68	$\text{Ln}(\text{OTf})_3$ -Catalyzed Insertion of Aryl Isocyanides into the Cyclopropane Ring. <i>Synthesis</i> , 2006, 2006, 3542-3546.	2.3	4
69	Zinc(II) complexes of a versatile heptadentate ligand as phosphohydrolase structural and functional mimics. <i>Inorganica Chimica Acta</i> , 2019, 497, 119077.	2.4	3
70	New Protocol for Efficient <i>N</i> -Chlorinations of Amides and Carbamates. <i>Synthesis</i> , 2003, 2003, 1916-1919.	2.3	2
71	Convenient Access to 2-Arylpyrroles from 2-Lithio- <i>N,N</i> -dibenzylcyclopropylamine and Nitriles. <i>Synlett</i> , 2006, 2006, 2339-2341.	1.8	2
72	Coupling of deoxyribonucleic acid to solid supports using 3' terminal ribose incorporation. <i>Journal of Chromatography A</i> , 2014, 1339, 73-79.	3.7	2

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73	(1 $\hat{a}$ €²S,2R,3S,4S)-Ethyl 2-hydroxy-4-methyl-3-(1 $\hat{a}$ €²-phenylethylcarbamoyl)hexanoate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o681-o683.	0.2	1
74	Facile Preparation of tert-Butyl 1-tert-Butoxycarbonylaminocyclopent-3-enecarboxylate from Inexpensive Starting Materials. Synthesis, 2005, 2005, 158-160.	2.3	0
75	Versatile Direct Synthesis of Oligosubstituted Pyrroles by Cycloaddition of $\hat{I}$ ±-Metalated Isocyanides to Acetylenes.. ChemInform, 2006, 37, no.	0.0	0
76	Diastereoselective Synthesis of trans-2-Substituted Cyclopropylamines. Synlett, 2006, 2006, 3164-3166.	1.8	0