

# Luc Neuville

## List of Publications by Year in descending order

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63  
papers

4,430  
citations

81743

39  
h-index

102304

66  
g-index

99  
all docs

99  
docs citations

99  
times ranked

3784  
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed Annulation of Acyloximes with Arynes (or Alkynes): Synthesis of Phenanthridines and Isoquinolines. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 572-577.	7.2	295
2	Palladium-Catalyzed Enantioselective Domino Heck-Cyanation Sequence: Development and Application to the Total Synthesis of Esermethole and Physostigmine. <i>Chemistry - A European Journal</i> , 2007, 13, 961-967.	1.7	259
3	Palladium-Catalyzed Carbo-Heterofunctionalization of Alkenes for the Synthesis of Oxindoles and Spirooxindoles. <i>Organic Letters</i> , 2010, 12, 4498-4501.	2.4	188
4	Activation of a C(sp <sup>3</sup> )-H Bond by a Transient $\sigma$ -Alkylpalladium(II) Complex: Synthesis of Spirooxindoles Through a Palladium-Catalyzed Domino Carbopalladation/C(sp <sup>3</sup> )-H Activation/C(sp <sup>3</sup> ) Bond-Forming Process. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 11561-11565.	7.2	184
5	Palladium-Catalyzed Three-Component Synthesis of 3-(Diarylmethylene)oxindoles through a Domino Sonagashira/Carbopalladation/C-H Activation/C-C Bond-Forming Sequence. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 3291-3295.	7.2	183
6	Anti-bacterial activity of some Brazilian medicinal plants. <i>Journal of Ethnopharmacology</i> , 2006, 105, 137-147.	2.0	176
7	Synthesis of 3-(Diarylmethylenyl)oxindole by a Palladium-Catalyzed Domino Carbopalladation/C-H Activation/C-C Bond-Forming Process. <i>Organic Letters</i> , 2006, 8, 4927-4930.	2.4	175
8	Palladium-Catalyzed Through-Space C(sp <sup>3</sup> )-H and C(sp <sup>2</sup> )-H Bond Activation by 1,4-Palladium Migration: Efficient Synthesis of [3,4]-Fused Oxindoles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 12385-12389.	7.2	168
9	Transition metal-catalyzed iodine (<math>I_2</math>)-mediated nitrene transfer reactions: efficient tools for challenging syntheses. <i>Chemical Communications</i> , 2017, 53, 493-508.	2.2	167
10	Copper-Catalyzed Oxidative Diamination of Terminal Alkynes by Amidines: Synthesis of 1,2,4-Trisubstituted Imidazoles. <i>Organic Letters</i> , 2013, 15, 1752-1755.	2.4	145
11	Mild and General Cross-Coupling of ( $\pm$ -Alkoxyvinyl)silanols and -silyl Hydrides. <i>Organic Letters</i> , 2000, 2, 3221-3224.	2.4	124
12	Spirocyclization by Palladium-Catalyzed Domino Heck-Direct C-H Arylation Reactions: Synthesis of Spirodihydroquinolin-2-ones. <i>Organic Letters</i> , 2012, 14, 3760-3763.	2.4	108
13	Iodo-Carbocyclization of Electron-Deficient Alkenes: Synthesis of Oxindoles and Spirooxindoles. <i>Organic Letters</i> , 2011, 13, 2244-2247.	2.4	103
14	Ugi-Post Functionalization, from a Single Set of Ugi-Adducts to Two Distinct Heterocycles by Microwave-Assisted Palladium-Catalyzed Cyclizations: Tuning the Reaction Pathways by Ligand Switch. <i>Journal of Organic Chemistry</i> , 2009, 74, 3109-3115.	1.7	99
15	Copper Catalyzed N-Arylation of Amidines with Aryl Boronic Acids and One-Pot Synthesis of Benzimidazoles by a Chan-Lam-Evans N-Arylation and C-H Activation/C-N Bond Forming Process. <i>Organic Letters</i> , 2012, 14, 5980-5983.	2.4	99
16	Synthesis and evaluation of new arylbenzo[b]thiophene and diarylthiophene derivatives as inhibitors of the NorA multidrug transporter of <i>Staphylococcus aureus</i> . <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4482-4497.	1.4	86
17	Palladium-Catalyzed Domino Process to Spirooxindoles: Ligand Effect on Aminopalladation versus Carbopalladation. <i>Chemistry - A European Journal</i> , 2010, 16, 5863-5867.	1.7	85
18	Multidrug resistance reversal agent from <i>Jatropha elliptica</i> . <i>Phytochemistry</i> , 2005, 66, 1804-1811.	1.4	73

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19	Highly Diastereo- and Enantioselective Synthesis of Cyclohepta[ <i>b</i> ]indoles by Chiral Phosphoric Acid-Catalyzed (4+3) Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12121-12125.	7.2	71
20	Palladium-Catalyzed Domino Intramolecular N-Arylation/Intermolecular C-C Bond Formation for the Synthesis of Functionalized Benzodiazepinediones. <i>Organic Letters</i> , 2008, 10, 857-860.	2.4	67
21	A Novel Water-Soluble TPPTC Ligand: Steric and Electronic Features -Recent Developments in Pd- and Rh-Catalyzed C-C Bond Formations. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 1733-1741.	2.1	65
22	Trifluoroacetic Acid-Promoted Synthesis of 3-Hydroxy, 3-Amino and Spirooxindoles from $\pm$ -Keto-N-Anilides. <i>Organic Letters</i> , 2011, 13, 5536-5539.	2.4	65
23	Palladium-Catalyzed Intramolecular C-Arylation of Benzylic Carbon: Synthesis of 3-Benzoxazolylisoindolinones by a Sequence of Ugi-4CR/Postfunctionalization. <i>Journal of Organic Chemistry</i> , 2008, 73, 3600-3603.	1.7	64
24	Palladium-catalyzed domino Heck/cyanation: synthesis of 3-cyanomethyloxindoles and their conversion to spirooxindoles. <i>Tetrahedron</i> , 2010, 66, 8911-8921.	1.0	61
25	Synthesis of Modified Carboxyl Binding Pockets of Vancomycin and Teicoplanin. <i>Journal of Organic Chemistry</i> , 1996, 61, 9309-9322.	1.7	59
26	Copper-Mediated N-Cyclopropylation of Azoles, Amides, and Sulfonamides by Cyclopropylboronic Acid. <i>Journal of Organic Chemistry</i> , 2008, 73, 6441-6444.	1.7	57
27	Protecting-Group-Free Total Synthesis of ( <i>E</i> )- and ( <i>Z</i> )-Alstoscholarine. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 3954-3957.	7.2	57
28	Palladium-catalyzed domino N-arylation/carbopalladation/C-H functionalization: three-component synthesis of 3-(diarylmethylene)oxindoles. <i>Tetrahedron Letters</i> , 2009, 50, 3602-3605.	0.7	55
29	Copper-promoted N-cyclopropylation of anilines and amines by cyclopropylboronic acid. <i>Chemical Communications</i> , 2010, 46, 3393.	2.2	49
30	Copper-Catalyzed Oxidative Three-Component Synthesis of <i>N</i> , <i>N</i> <sup>2</sup> , <i>N</i> <sup>3</sup> -Trisubstituted Guanidines. <i>Organic Letters</i> , 2013, 15, 6124-6127.	2.4	48
31	Intramolecular Suzuki-Miyaura Reaction for the Total Synthesis of Signal Peptidase Inhibitors, Arylomycins A <sub>2</sub> and B <sub>2</sub> . <i>Chemistry - A European Journal</i> , 2010, 16, 10523-10534.	1.7	46
32	Chiral Hypervalent Iodine(III) Catalyst Promotes Highly Enantioselective Sulfonyl- and Phosphoryl-oxylactonizations. <i>Organic Letters</i> , 2017, 19, 278-281.	2.4	45
33	Palladium catalyzed reductive deprotection of Alloc: Transprotection and peptide bond formation. <i>Tetrahedron Letters</i> , 1995, 36, 3129-3132.	0.7	44
34	A Qualitative Examination of the Effects of Silicon Substituents on the Efficiency of Cross-Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2006, 71, 8500-8509.	1.7	41
35	Enantioselective Synthesis of Putative Lipiarmycin Aglycon Related to Fidaxomicin/Tiacumicin...B. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1929-1932.	7.2	40
36	Chiral phosphoric acid-catalyzed enantioselective construction of structurally diverse benzothiazolopyrimidines. <i>Chemical Science</i> , 2019, 10, 3765-3769.	3.7	38

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37	4-Nitrophenyltriflate and 4-Nitrophenylnonaflate as New Perfluoroalkanesulfonyl Transfer Agents:Â Experimental and Computational Studies. <i>Journal of Organic Chemistry</i> , 1999, 64, 7638-7642.	1.7	36
38	Solution phase combinatorial synthesis of arylpiperazines. <i>Tetrahedron Letters</i> , 1997, 38, 4091-4094.	0.7	35
39	Unexpected Câ€“C Bond Cleavage: Synthesis of 1,2,4-Oxadiazol-5-ones from Amidoximes with Pentafluorophenyl or Trifluoromethyl Anion Acting as Leaving Group. <i>Organic Letters</i> , 2011, 13, 6172-6175.	2.4	32
40	Asymmetric Synthesis of Actinoidic Acid Derivatives. <i>Organic Letters</i> , 2000, 2, 2459-2462.	2.4	28
41	Pd(II)-catalyzed intramolecular aminopalladation/direct Câ€“H arylation under aerobic conditions: synthesis of pyrrolo[1,2-a]indoles. <i>Tetrahedron</i> , 2013, 69, 4415-4420.	1.0	28
42	Enantioselective Redoxâ€“Divergent Chiral Phosphoric Acid Catalyzed Quinone Dielsâ€“Alder Reactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 8491-8496.	7.2	28
43	Chiral Phosphoric Acid-Catalyzed Enantioselective Construction of 2,3-Disubstituted Indolines. <i>Organic Letters</i> , 2021, 23, 442-448.	2.4	28
44	Enantioselective and Diastereodivergent Synthesis of Spiroindolenines via Chiral Phosphoric Acid-Catalyzed Cycloaddition. <i>Journal of the American Chemical Society</i> , 2021, 143, 11611-11619.	6.6	24
45	Multicomponent Syntheses of Macrocycles. <i>Topics in Heterocyclic Chemistry</i> , 2010, , 1-24.	0.2	23
46	The first synthesis of a model bicyclic D-O-E-F-O-G ring of teicoplanin via sequential intramolecular SNAr reactions. <i>Tetrahedron Letters</i> , 1995, 36, 8787-8790.	0.7	22
47	Copper-Catalyzed Domino Three-Component Approach for the Assembly of 2-Aminated Benzimidazoles and Quinazolines. <i>Journal of Organic Chemistry</i> , 2015, 80, 6102-6108.	1.7	21
48	Synthesis of model tricyclic C-O-D-O-E-F-O-G ring of teicoplanin. <i>Tetrahedron Letters</i> , 1997, 38, 5795-5798.	0.7	19
49	Highly Diastereoâ€“and Enantioselective Synthesis of Cyclohepta[ <i>b</i> ]indoles by Chiralâ€“Phosphoricâ€“Acidâ€“Catalyzed (4+3) Cycloaddition. <i>Angewandte Chemie</i> , 2018, 130, 12297-12301.	1.6	18
50	Identification and Formation Pathway of Laccase-Mediated Oxidation Products Formed from Hydroxyphenylureas. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 5046-5054.	2.4	15
51	Tandem Chiral Cu(II) Phosphateâ€“Catalyzed Deoxygenation of Nitrones/Enantioselective Povarov Reaction with Enecarbamates. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5151-5155.	1.2	15
52	Tritylium assisted iodine catalysis for the synthesis of unsymmetrical triarylmethanes. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 6502-6508.	1.5	14
53	Synthesis of a model 22-membered AB-C-O-D ring of vancomycin containing biaryl and biaryl ether linkages. <i>Tetrahedron Letters</i> , 2000, 41, 1747-1751.	0.7	13
54	Copperâ€“Promoted Tandem Threeâ€“Component Access to Quinazolinâ€“4(H)-â€“imines and Benzimidazo[1,2- <i>c</i> ]quinazolines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 4454-4460.	2.1	11

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55	Syntheses of new chiral chimeric photo-organocatalysts. RSC Advances, 2021, 11, 36663-36669.	1.7	10
56	Chiral Phosphoric Acid-Catalyzed Enantioselective Formal [4+2] Cycloaddition between Dienecarbamates and 2-Benzothioazolimines. Advanced Synthesis and Catalysis, 0, , .	2.1	10
57	Enantioselective Redox-Divergent Chiral Phosphoric Acid Catalyzed Quinone Diels-Alder Reactions. Angewandte Chemie, 2020, 132, 8569-8574.	1.6	8
58	Total Synthesis of Horsfiline: A Palladium-Catalyzed Domino Heck-Cyanation Strategy. Synlett, 2009, 2009, 2997-2999.	1.0	7
59	Design and synthesis of novel tridentate and tetradentate chiral ligands. Tetrahedron Letters, 1999, 40, 7087-7090.	0.7	6
60	Approach to pactamycin analogues using rhodium-catalyzed alkene aziridination and C(sp <sup>3</sup> )-H amination reactions. Organic Chemistry Frontiers, 2018, 5, 948-953.	2.3	6
61	Total Synthesis of Arylomycin A2, a Signal Peptidase I (SPase I) Inhibitor. Synlett, 2008, 2008, 2355-2359.	1.0	5
62	Selective Double C-H Functionalization: A 4-Component Catellani Reaction. Chem, 2020, 6, 1855-1858.	5.8	4
63	Catalytic Asymmetric Hetero-ene Reaction for Direct Customizable Allylic Functionalization. Chem, 2017, 3, 204-206.	5.8	2