

Helene Lebel

List of Publications by Year in descending order

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70
papers

5,524
citations

101384

36
h-index

95083

68
g-index

106
all docs

106
docs citations

106
times ranked

4232
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereoselective Cyclopropanation Reactions. <i>Chemical Reviews</i> , 2003, 103, 977-1050.	23.0	1,638
2	Structure and Reactivity of "Unusual" N-Heterocyclic Carbene (NHC) Palladium Complexes Synthesized from Imidazolium Salts. <i>Journal of the American Chemical Society</i> , 2004, 126, 5046-5047.	6.6	363
3	N-Tosylloxycarbamates as a Source of Metal Nitrenes: Rhodium-Catalyzed C-H Insertion and Aziridination Reactions. <i>Journal of the American Chemical Society</i> , 2005, 127, 14198-14199.	6.6	286
4	Enantioselective Cyclopropanation of Allylic Alcohols with Dioxaborolane Ligands: Scope and Synthetic Applications. <i>Journal of the American Chemical Society</i> , 1998, 120, 11943-11952.	6.6	203
5	N-Tosylloxycarbamates as Reagents in Rhodium-Catalyzed C-H Amination Reactions. <i>Chemistry - A European Journal</i> , 2008, 14, 6222-6230.	1.7	167
6	De Novo Synthesis of Troc-Protected Amines: Intermolecular Rhodium-Catalyzed C-H Amination with N-Tosylloxycarbamates. <i>Organic Letters</i> , 2007, 9, 639-642.	2.4	113
7	Rhodium-Catalyzed Methylenation of Aldehydes. <i>Journal of the American Chemical Society</i> , 2004, 126, 320-328.	6.6	110
8	Curtius Rearrangement of Aromatic Carboxylic Acids to Access Protected Anilines and Aromatic Ureas. <i>Organic Letters</i> , 2006, 8, 5717-5720.	2.4	110
9	Chromium catalyzed kinetic resolution of 2,2-disubstituted epoxides. <i>Tetrahedron Letters</i> , 1999, 40, 7303-7306.	0.7	109
10	Boc-Protected Amines via a Mild and Efficient One-Pot Curtius Rearrangement. <i>Organic Letters</i> , 2005, 7, 4107-4110.	2.4	108
11	One-Pot Multicomponent Synthesis of Indoles from 2-Iodobenzoic Acid. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 350-352.	7.2	103
12	Diastereoselective Cyclopropanation of Chiral Allylic Alcohols: A More Efficient Reagent for the Relative Stereocontrol. <i>Journal of Organic Chemistry</i> , 1995, 60, 2966-2967.	1.7	100
13	Enantioselective Total Synthesis of (+)-U-106305. <i>Journal of the American Chemical Society</i> , 1996, 118, 10327-10328.	6.6	98
14	Methylenation of Aldehydes: Transition Metal Catalyzed Formation of Salt-Free Phosphorus Ylides. <i>Angewandte Chemie - International Edition</i> , 2001, 40, 2887-2890.	7.2	95
15	Copper-Catalyzed Alkene Aziridination with N-Tosylloxycarbamates. <i>Organic Letters</i> , 2007, 9, 4797-4800.	2.4	95
16	Palladium-Catalyzed Cross-Coupling Reactions in One-Pot Multicatalytic Processes. <i>Journal of the American Chemical Society</i> , 2007, 129, 13321-13326.	6.6	95
17	Copper Carbene Complexes as Catalysts in the Synthesis of Functionalized Styrenes and Aliphatic Alkenes. <i>Journal of Organic Chemistry</i> , 2007, 72, 144-149.	1.7	89
18	Stereoselective Rhodium-Catalyzed Amination of Alkenes. <i>Organic Letters</i> , 2011, 13, 5460-5463.	2.4	89

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19	Structural characterization and catalytic activity of the rhodium-carbene complex Rh(PPh ₃) ₂ (IMes)Cl		
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#	ARTICLE	IF	CITATIONS
37	Iridium Complexes in Olefination Reactions. <i>Organometallics</i> , 2008, 27, 2676-2678.	1.1	35
38	Copper-catalyzed enantioselective aziridination of styrenes. <i>Pure and Applied Chemistry</i> , 2010, 82, 1827-1833.	0.9	35
39	Diazo Reagents in Copper(I)-Catalyzed Olefination of Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 2352-2358.	2.1	33
40	Stereoselective Synthesis of Chiral Sulfilimines from N-Mesyloxycarbamates: Metal-Nitrenes versus Metal-Nitrenoids Species. <i>Journal of Organic Chemistry</i> , 2015, 80, 3572-3585.	1.7	30
41	Mild Esterification of Carboxylic Acids via Continuous Flow Diazotization of Amines. <i>Organic Letters</i> , 2017, 19, 4407-4410.	2.4	26
42	Rhodium(<i>sc</i>) ⁺ -catalyzed C-H aminations using <i>N</i> -mesyloxycarbamates: reaction pathway and by-product formation. <i>Chemical Science</i> , 2019, 10, 718-729.	3.7	26
43	Redetermination of the O-O bond length in the dioxygen-adduct of Vaska's complex. <i>Journal of Organometallic Chemistry</i> , 2008, 693, 2645-2648.	0.8	25
44	Synthesis of oxazolidinones: rhodium-catalyzed C-H amination of N-mesyloxycarbamates. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 4144-4158.	1.5	25
45	The stereoselective cyclopropanation of chiral allylic alcohols using a chiral dioxaborolane ligand: A new route to anti-cyclopropylmethanol derivatives. <i>Tetrahedron</i> , 1999, 55, 8845-8856.	1.0	21
46	Batch and Continuous-Flow Iron(II)-Catalyzed Synthesis of Sulfilimines and Sulfoximines using <i>N</i> -mesyloxycarbamates. <i>Chemistry - A European Journal</i> , 2019, 25, 9423-9426.	1.7	19
47	Reductive One-Carbon Homologation of Aldehydes and Ketones. <i>Journal of Organic Chemistry</i> , 2005, 70, 10159-10161.	1.7	18
48	Transition-Metal-Catalyzed Chemoselective Methylenation of Dicarbonyl Substrates. <i>Journal of Organic Chemistry</i> , 2008, 73, 6828-6830.	1.7	16
49	Rhodium-catalyzed cascade reactions: A methylenation-hydroboration homologative process. <i>Journal of Organometallic Chemistry</i> , 2005, 690, 5198-5205.	0.8	13
50	One-pot approach for the synthesis of trans-cyclopropyl compounds from aldehydes. Application to the synthesis of GPR40 receptor agonists. <i>Chemical Communications</i> , 2008, , 4974.	2.2	13
51	A Mechanistic Study of the Stereochemical Outcomes of Rhodium-Catalysed Styrene Aziridinations. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 384-397.	2.1	13
52	Continuous flow palladium-catalyzed trifluoromethylthiolation of C-H bonds. <i>Journal of Flow Chemistry</i> , 2019, 9, 9-12.	1.2	11
53	A Remarkably Simple Conversion of Nitriles to Thioamides. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 1994, 95, 325-326.	0.8	10
54	Batch and Continuous-Flow One-Pot Processes using Amine Diazotization to Produce Silylated Diazo Reagents. <i>Angewandte Chemie</i> , 2017, 129, 6391-6394.	1.6	10

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55	Chemoselective Synthesis of Amines from Ammonium Hydroxide and Hydroxylamine in Continuous Flow. <i>Journal of Organic Chemistry</i> , 2018, 83, 14203-14209.	1.7	9
56	Protecting-group-free synthesis of hydroxyesters from amino alcohols. <i>Chemical Communications</i> , 2020, 56, 10938-10941.	2.2	9
57	Olefinations Reactions Using Tetraarylphosphonium (TAP)-Supported Phosphorus Ylides. <i>Synthesis</i> , 2011, 2011, 2275-2280.	1.2	8
58	Continuous Flow Chlorination of Alkenyl Iodides Promoted by Copper Tubing. <i>Synthesis</i> , 2019, 51, 251-257.	1.2	8
59	Alkylation of 5-Substituted 1 <i>H</i> -Tetrazoles via the Diazotization of Aliphatic Amines. <i>Journal of Organic Chemistry</i> , 2021, 86, 12452-12459.	1.7	8
60	Rhodium-Catalyzed Sulfimidation Reactions: A Computational Study. <i>Organometallics</i> , 2021, 40, 3267-3275.	1.1	8
61	Etherification of phenols by amines via transient diazonium intermediates. <i>Canadian Journal of Chemistry</i> , 2020, 98, 480-484.	0.6	4
62	(R)-Bis[1,3-bis(1-phenylethyl)imidazolin-2-ylidene]dichloropalladium(II) dichloromethane solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, m755-m757.	0.2	3
63	One-Pot Curtius Rearrangement Processes from Carboxylic Acids. <i>Synthesis</i> , 2009, 2009, 1935-1940.	1.2	3
64	Convenient Continuous Flow Synthesis of <i>N</i> -Methyl Secondary Amines from Alkyl Mesylates and Epoxides. <i>Organic Process Research and Development</i> , 2020, 24, 2157-2168.	1.3	3
65	(R)-2,2,2-Trichloro-1-phenylethyl (methylsulfonyl)-oxycarbamate. <i>Organic Syntheses</i> , 0, 95, 310-327.	1.0	2
66	(+)-(RR)-{1/4-m-Phenylenedimethylenebis[tert-butyl(phenyl)phosphine]}bis(borane). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2001, 57, o282-o284.	0.2	1
67	Stereoselective Synthesis of (R)-((R)-1-Phenyl-2,2,2-trichloroethyl)2-(2-bromophenyl)aziridine-1-carboxylate. <i>Organic Syntheses</i> , 0, 96, 351-360.	1.0	1
68	Boc-Protected Amines via a Mild and Efficient One-Pot Curtius Rearrangement.. <i>ChemInform</i> , 2006, 37, no.	0.1	0
69	One-Pot Multicomponent Synthesis of Indoles from 2-Iodobenzoic Acid. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2907-2907.	7.2	0
70	Advances in Stereoselective Iron(II)-Catalyzed Synthesis of Sulfilimines with <i>N</i> -Mesyloxycarbamates. <i>Helvetica Chimica Acta</i> , 0, , .	1.0	0