Delong Liu

List of Publications by Year
in descending order

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		201674	233421
54	2,208	27	45
papers	citations	h-index	g-index

58	58	58	1534
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Câ€“N Bond Cleavage of Allylic Amines via Hydrogen Bond Activation with Alcohol Solvents in Pd-Catalyzed Allylic Alkylation of Carbonyl Compounds. Journal of the American Chemical Society, 2011, 133, 19354-19357.	13.7	251
2	Palladiumâ€Catalyzed Allylic Alkylation of Simple Ketones with Allylic Alcohols and Its Mechanistic Study. Angewandte Chemie - International Edition, 2014, 53, 6776-6780.	13.8	160
3	Asymmetric Transfer and Pressure Hydrogenation with Earthâ€Abundant Transition Metal Catalysts. Chinese Journal of Chemistry, 2018, 36, 443-454.	4.9	148
4	Hydrogen-Bond-Activated Palladium-Catalyzed Allylic Alkylation via Allylic Alkyl Ethers: Challenging Leaving Groups. Organic Letters, 2014, 16, 1570-1573.	4.6	111
5	Efficient palladium-catalyzed asymmetric allylic alkylation of ketones and aldehydes. Organic and Biomolecular Chemistry, 2011, 9, 1871.	2.8	92
6	Palladium-catalyzed asymmetric allylic alkylation with an enamine as the nucleophilic reagent. Tetrahedron Letters, 2007, 48, 7591-7594.	1.4	67
7	The Design and Synthesis of Planar Chiral Ligands and Their Application to Asymmetric Catalysis. Synlett, 2014, 25, 615-630.	1.8	66
8	Hydrogen-Bond Directed Regioselective Pd-Catalyzed Asymmetric Allylic Alkylation: The Construction of Chiral Î±-Amino Acids with Vicinal Tertiary and Quaternary Stereocenters. Organic Letters, 2015, 17, 5768-5771.	4.6	64
9	Enamines: efficient nucleophiles for the palladium-catalyzed asymmetric allylic alkylation. Tetrahedron, 2009, 65, 512-517.	1.9	59
10	Asymmetric Hydrogenation of Î±-Substituted Acrylic Acids Catalyzed by a Ruthenocenyl Phosphino-oxazolineâ€“Ruthenium Complex. Organic Letters, 2016, 18, 2122-2125.	4.6	59
11	NovelC₂-Symmetric Planar Chiral Diphosphine Ligands and Their Application in Pd-Catalyzed Asymmetric Allylic Substitutions. Journal of Organic Chemistry, 2007, 72, 6992-6997.	3.2	52
12	Asymmetric hydrogenation of Î²-amino ketones with the bimetallic complex RuPHOX-Ru as the chiral catalyst. Organic and Biomolecular Chemistry, 2013, 11, 3855.	2.8	48
13	The synthesis of novel C2-symmetric P,N-chelation ruthenocene ligands and their application in palladium-catalyzed asymmetric allylic substitution. Tetrahedron Letters, 2007, 48, 585-588.	1.4	45
14	Asymmetric Hydrogenation of Î²â€Secondary Amino Ketones Catalyzed by a Ruthenocenyl Phosphinoâ€oxazolineâ€ruthenium Complex (RuPHOXâ€Ru): the Synthesis of Î³â€Secondary Amino Alcohols. Advanced Synthesis and Catalysis, 2015, 357, 3262-3272.	4.3	45
15	Iridium-Catalyzed Asymmetric Hydrogenation of Î²,Î³-Unsaturated Î³-Lactams: Scope and Mechanistic Studies. Organic Letters, 2017, 19, 1144-1147.	4.6	44
16	The Construction of 3â€Methylâ€4â€arylpiperidines via a transâ€Perhydroindolic Acidâ€Catalyzed Asymmetric Azaâ€Dielsâ€“Alder Reaction. Advanced Synthesis and Catalysis, 2015, 357, 3627-3638.	4.3	42
17	Enantioselective transfer hydrogenation of ketones with planar chiralÂruthenocene-based phosphinooxazoline ligands. Tetrahedron, 2008, 64, 3561-3566.	1.9	40
18	Palladiumâ€Catalyzed Chemoâ€and Enantioselective Cå¯O Bond Cleavage of Î±â€Acyloxy Ketones by Hydrogenolysis. Angewandte Chemie - International Edition, 2016, 55, 8444-8447.	13.8	39

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19	Efficient Ru(II)-catalyzed asymmetric hydrogenation of simple ketones with C2-symmetric planar chiral metallocenyl phosphinooxazoline ligands. Tetrahedron, 2012, 68, 3295-3299.	1.9	38
20	The synthesis of chiral Î²-aryl-Î±,Î²-unsaturated amino alcohols via a Pd-catalyzed asymmetric allylic amination. Organic and Biomolecular Chemistry, 2013, 11, 7412.	2.8	35
21	Reversal in enantioselectivity for the palladium-catalyzed asymmetric allylic substitution with novel metallocene-based planar chiral diphosphine ligands. Tetrahedron Letters, 2008, 49, 1012-1015.	1.4	34
22	The Construction of Chiral Fused Azabicycles Using a Pd-Catalyzed Allylic Substitution Cascade and Asymmetric Desymmetrization Strategy. Organic Letters, 2017, 19, 238-241.	4.6	34
23	Asymmetric hydrogenation of simple ketones with planar chiral ruthenocenyl phosphinooxazoline ligands. Tetrahedron: Asymmetry, 2009, 20, 2510-2512.	1.8	33
24	Synthesis of Chiral Î±,Î²-Unsaturated Î³-Amino Esters via Pd-Catalyzed Asymmetric Allylic Amination. Organic Letters, 2017, 19, 4251-4254.	4.6	33
25	The Synthesis of transâ€Perhydroindolic Acids and their Application in Asymmetric Domino Reactions of Aldehyde Esters with Î²,Î³â€Unsaturated Î±â€Keto Esters. Advanced Synthesis and Catalysis, 2012, 354, 3311-3325.	4.3	30
26	1,3-Dithianes as Acyl Anion Equivalents in Pd-Catalyzed Asymmetric Allylic Substitution. Organic Letters, 2016, 18, 6296-6299.	4.6	30
27	P-stereogenic PNP pincer-Pd catalyzed intramolecular hydroamination of amino-1,3-dienes. Organic and Biomolecular Chemistry, 2015, 13, 2694-2702.	2.8	26
28	The Synthesis of Chiral Î±â€Aryl Î±â€Hydroxy Carboxylic Acids via RuPHOXâ€Ru Catalyzed Asymmetric Hydrogenation. Advanced Synthesis and Catalysis, 2017, 359, 3665-3673.	4.3	26
29	Synthesis of chiral chromanols via a RuPHOXâ€“Ru catalyzed asymmetric hydrogenation of chromones. Chemical Communications, 2018, 54, 13571-13574.	4.1	26
30	Pd-catalyzed asymmetric allylic substitution cascade using Î±-(pyridin-1-yl)-acetamides formedin situas nucleophiles. Chemical Science, 2019, 10, 1767-1772.	7.4	25
31	Selective Asymmetric Hydrogenation of Four-Membered Exo-Î±,Î²-Unsaturated Cyclobutanones Using RuPHOXâ€“Ru as a Catalyst. Organic Letters, 2019, 21, 4331-4335.	4.6	24
32	Synthesis of Chiral Î³-Amino Alcohols via a RuPHOX-Ru Catalyzed Asymmetric Hydrogenation of Î²-Imide Ketones. Chinese Journal of Organic Chemistry, 2014, 34, 1766.	1.3	24
33	Rhodiumâ€Catalyzed Asymmetric Hydrogenation of 3â€Benzoylaminocoumarins for the Synthesis of Chiral 3â€Amino Dihydrocoumarins. Angewandte Chemie - International Edition, 2021, 60, 23602-23607.	13.8	22
34	A Pd-catalyzed asymmetric allylic substitution cascade via an asymmetric desymmetrization for the synthesis of bicyclic dihydrofurans. Chemical Communications, 2019, 55, 13295-13298.	4.1	21
35	Synthesis of Enantiopure Î³â€Lactones via a RuPHOXâ€Ru Catalyzed Asymmetric Hydrogenation of Î³â€Keto Acids. Advanced Synthesis and Catalysis, 2019, 361, 1146-1153.	4.3	21
36	P-Stereogenic pincer iridium complexes: Synthesis, structural characterization and application in asymmetric hydrogenation. Journal of Organometallic Chemistry, 2015, 791, 41-45.	1.8	20

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37	RuPHOX-Ru-Catalyzed Selective Asymmetric Hydrogenation of Exocyclic Î±,Î²-Unsaturated Pentanones. Organometallics, 2019, 38, 3970-3978.	2.3	20
38	Pd-Catalyzed Asymmetric Allylic Substitution Cascade of But-2-ene-1,4-diyl Dimethyl Dicarbonate for the Synthesis of Chiral 2,3-Dihydrofurans. Organic Letters, 2020, 22, 4680-4685.	4.6	19
39	Pd-catalyzed asymmetric allylic amination using easily accessible metallocenyl P,N-ligands. Organic and Biomolecular Chemistry, 2015, 13, 4248-4254.	2.8	17
40	Palladiumâ€Catalyzed Chemoâ€•and Enantioselective Câˆ’O Bond Cleavage of Î±â€Acyloxy Ketones by Hydrogenolysis. Angewandte Chemie, 2016, 128, 8584-8587.	2.0	17
41	Asymmetric Domino Double Michael Addition of Nitroolefins and Aldehyde Esters with trans-Perhydroindolic Acid as an Organocatalyst. Synthesis, 2013, 45, 1612-1623.	2.3	16
42	Desymmetrization of meso-Dicarbonatecyclohexene with Î²-Hydrazino Carboxylic Esters via a Pd-Catalyzed Allylic Substitution Cascade. Organic Letters, 2020, 22, 8836-8841.	4.6	16
43	Synthesis of chiral Î³-lactones via a RuPHOX-Ru catalyzed asymmetric hydrogenation of aroylacrylic acids. Tetrahedron, 2019, 75, 3643-3649.	1.9	13
44	Pd-Catalyzed Asymmetric Allylic Substitution Cascade of Substituted 4-Hydroxy-2H-pyrones with meso-Allyl Dicarbonates. Organic Letters, 2022, 24, 3440-3444.	4.6	13
45	Synthesis of Chiral Î³-Lactams via in Situ Elimination/Iridium-Catalyzed Asymmetric Hydrogenation of Racemic Î³-Hydroxy Î³-Lactams. Organic Letters, 2017, 19, 1886-1889.	4.6	12
46	Pdâ€Catalyzed Asymmetric Allylic Substitution Annulation Using Enolizable Ketimines as Nucleophiles: An Alternative Approach to Chiral Tetrahydroindoles. Advanced Synthesis and Catalysis, 2020, 362, 2059-2069.	4.3	12
47	Pd-Catalyzed Three-Component Chemospecific Allylic Substitution Cascade for the Synthesis of N-Carbonylmethylene-2-Pyridones. Acta Chimica Sinica, 2019, 77, 993.	1.4	11
48	Temperature-controlled switchable preparation of ferrocene bis(oxazoline-phosphine) ligands with different planar chiralities and their coordination behaviors. Tetrahedron, 2015, 71, 5112-5118.	1.9	10
49	A new and convenient approach for the synthesis of P-stereogenic intermediates bearing a tert-butyl(methyl)phosphino group. Research on Chemical Intermediates, 2017, 43, 4959-4966.	2.7	9
50	Kinetic resolution of azaflavanones via a RuPHOX-Ru catalyzed asymmetric hydrogenation. Organic Chemistry Frontiers, 0, , .	4.5	7
51	RuPHOXâ€“Ru catalyzed asymmetric hydrogenation of Î±-substituted tetralones via a dynamic kinetic resolution. Chemical Communications, 2022, 58, 4905-4908.	4.1	7
52	Construction of Chiral-Fused Tricyclic Î³-Lactams via a trans-Perhydroindolic Acid-Catalyzed Asymmetric Domino Reaction. Organic Letters, 2017, 19, 2925-2928.	4.6	5
53	An Efficient Asymmetric Domino Reaction of Amino Aldehyde to Î²,Î³â€Unsaturated Î±â€Keto Esters Using transâ€Perhydroindolic Acid as a Chiral Organocatalyst. Chinese Journal of Chemistry, 2012, 30, 2681-2687.	4.9	3
54	The design and synthesis of a novel chiral 1,1â€²-disubsitituted ruthenocenyl phosphineâ€“oxazoline ligand. Research on Chemical Intermediates, 2020, 46, 5101-5115.	2.7	0