Chong-Dao Lu

List of Publications by Year
in descending order

48 papers	986 citations	430874 18 h-index	477307 29 g-index
53 all docs	53 docs citations	53 times ranked	873 citing authors

#	Article	IF	Citations
1	Synthesis of Enantioenriched Primary <i>tert</i>-Butanesulfonimidamides via Iminationâ€“Hydrazinolysis of <i>N</i>â€²-<i>tert</i>-Butanesulfinyl Amidines. Journal of Organic Chemistry, 2022, 87, 5005-5016.	3.2	7
2	Î±-Hydroxylation of Î±,Î±-Disubstituted <i>N</i>-<i>tert</i>-Butanesulfinyl Ketimines with Molecular Oxygen: Stereoselective Synthesis of Î±-Tertiary Hydroxyimines. Organic Letters, 2022, 24, 746-751.	4.6	8
3	Construction of Acyclic Quaternary Stereocenters via Mannich-Type Addition of Î±,Î±-Disubstituted <i>N</i>-<i>tert</i>-Butanesulfinyl Ketimines to Isatin-Derived Ketimines. Organic Letters, 2022, 24, 2883-2888.	4.6	7
4	Mannich-Type Reaction of Î±-Sulfanyl <i>N</i>-<i>tert</i>-Butanesulfinylimidates: Diastereoselective Access to Î±-Mercapto-Î²-amino Acid Derivatives. Journal of Organic Chemistry, 2021, 86, 3049-3058.	3.2	6
5	Stereodivergent Construction of Vicinal Acyclic Quaternaryâ€“Tertiary Carbon Stereocenters by Michael-Type Alkylation of Î±,Î±-Disubstituted <i>N</i>-<i>tert</i>-Butanesulfinyl Ketimines. Organic Letters, 2021, 23, 7450-7455.	4.6	13
6	Chiral spiro phosphoric acid-catalysed enantioselective reaction of ketenes with Nâ€“H pyrroles. Chemical Communications, 2021, 57, 11992-11995.	4.1	5
7	Rearrangement of<i>N</i>-<i>tert</i>-Butanesulfinyl Enamines for Synthesis of Enantioenriched Î±-Hydroxy Ketone Derivatives. Organic Letters, 2019, 21, 8383-8388.	4.6	15
8	Additionâ€“Rearrangement of Ketenes with LithiumN-tert-Butanesulfinamides: Enantioselective Synthesis of Î±,Î±-Disubstituted Î±-Hydroxycarboxylic Acid Derivatives. Organic Letters, 2019, 21, 4671-4675.	4.6	15
9	Diastereoselective Î±-Amination of <i>N</i>-<i>tert</i>-Butanesulfinyl Imidates Using <i>N</i>-Aryl-<i>N</i>-diphenylphosphinyldiazenes. Journal of Organic Chemistry, 2019, 84, 7207-7218.	3.2	6
10	Divergent synthesis of polysubstituted cyclopropanes and Î²-silyoxy imidates <i>via</i> switchable additions of <i>N-tert</i>-butanesulfinylimidates to acylsilanes. Chemical Communications, 2019, 55, 3777-3780.	4.1	11
11	Construction of Î±-methoxyimidoyl ketonitrones <i>via</i> phosphite-mediated addition of Î±-keto <i>N-tert</i>-butanesulfinyl imidates to nitrosoarenes. Chemical Communications, 2018, 54, 2882-2885.	4.1	10
12	Diastereoselective Î±-Hydroxylation of N-tert-Butanesulfinyl Imidates and Nâ€²-tert-Butanesulfinyl Amidines with Molecular Oxygen. Organic Letters, 2018, 20, 1236-1239.	4.6	15
13	Robustanoids A and B, two novel pyrrolo[2,3-<i>b</i>]indole alkaloids from <i>Coffea canephora</i>: isolation and total synthesis. Organic Chemistry Frontiers, 2018, 5, 586-589.	4.5	9
14	Diastereoselective Î±-Fluorination of <i>N</i>-<i>tert</i>-Butanesulfinyl Imidates. Journal of Organic Chemistry, 2018, 83, 14777-14785.	3.2	10
15	Diastereoselective Azaâ€Mislowâ€“Evans Rearrangement of N â€Acyl tert â€Butanesulfinamides into Î±â€Sulfenyloxy Carboxamides. Angewandte Chemie, 2018, 130, 15809-15812.	2.0	4
16	Diastereoselective Azaâ€Mislowâ€“Evans Rearrangement of <i>N</i>â€Acyl <i>tert</i>â€Butanesulfinamides into Î±â€Sulfenyloxy Carboxamides. Angewandte Chemie - International Edition, 2018, 57, 15583-15586.	13.8	14
17	Diastereoselective Î±-Sulfenylation of N-tert-Butanesulfinyl Imidates. Journal of Organic Chemistry, 2018, 83, 10580-10588.	3.2	9
18	Diastereoselective Electrophilic Î±-Hydroxyamination of N-tert-Butanesulfinyl Imidates. Organic Letters, 2017, 19, 670-673.	4.6	17

#	ARTICLE	IF	CITATIONS
19	Dialkyl Phosphite-Initiated Cyclopropanation of Î±,Î²-Unsaturated Ketones Using Î±-Ketoesters or Isatin Derivatives. Journal of Organic Chemistry, 2017, 82, 3252-3261.	3.2	27
20	P(NMe₂)₃-Mediated Aziridination of Imines with Î±-Ketoesters for Synthesis of Aziridine-2-carboxylates. Journal of Organic Chemistry, 2017, 82, 811-818.	3.2	37
21	Aldol Reaction of N-tert-Butanesulfinyl Imidates under Basic Conditions for Diastereoselective Synthesis of anti-Aldols. Journal of Organic Chemistry, 2017, 82, 11253-11261.	3.2	13
22	Reaction of Silyllithium, Î±-Keto N-tert-Butanesulfinyl Imidates and Aldehydes for Asymmetric Synthesis of Î±-Substituted Î²-(Silyloxy)-Î±-hydroxy Acid Derivatives. Journal of Organic Chemistry, 2017, 82, 10748-10755.	3.2	8
23	Diastereoselective synthesis of 2-methoxyimidoyloxiranes via dimethyl phosphite-mediated coupling of Î±-keto N-sulfinyl imidates with aldehydes. Chemical Communications, 2016, 52, 13592-13595.	4.1	21
24	Silyllithium-Initiated Coupling of Î±-Ketoamides with tert-Butanesulfinylimines for Stereoselective Synthesis of Enantioenriched Î±-(Silyloxy)-Î²-amino Amides. Organic Letters, 2016, 18, 620-623.	4.6	9
25	Diethyl Phosphite Initiated Coupling of Î±-Ketoesters with Imines for Synthesis of Î±-Phosphonyloxy-Î²-amino Acid Derivatives and Aziridine-2-carboxylates. Organic Letters, 2016, 18, 880-883.	4.6	37
26	Carbamoyl anion-initiated cascade reaction for stereoselective synthesis of substituted Î±-hydroxy-Î²-amino amides. Chemical Communications, 2016, 52, 912-915.	4.1	14
27	Selective oxidation of benzylic, allylic and propargylic alcohols using dirhodium(II) tetraamidinate as catalyst and aqueous <i>tert</i>â€butyl hydroperoxide as oxidant. Applied Organometallic Chemistry, 2015, 29, 254-258.	3.5	17
28	Stereoselective Synthesis of Enantioenriched 2-Chloro-2-aroylaziridines by Cascade Reaction between Aryl Nitriles, Silyldichloromethanes, and <i>tert</i>-Butanesulfinylimines. Organic Letters, 2015, 17, 4042-4045.	4.6	14
29	[1,4]-Aza-Brook Rearrangement for Efficient Formation of Benzynes and Their Cycloaddition. Synlett, 2015, 26, 891-896.	1.8	7
30	Synthesis of Aryl <i>anti</i>-Vicinal Diamines via Aza-Brook Rearrangement-Initiated Nucleophilic Addition of Î±-Silylamines to Imines. Journal of Organic Chemistry, 2015, 80, 3714-3722.	3.2	9
31	MgCl2-Catalyzed Î±-Amination of Î±-Alkyl-Î²-ketoesters via Oxidative N-Acylnitroso Aldol Reaction with Hydroxamic Acids. Synlett, 2014, 25, 991-994.	1.8	4
32	Efficient Synthesis of Î±-Quaternary Î±-Hydroxy-Î²-amino Esters via Silyl Glyoxylate-Mediated Three-Component Reactions. Organic Letters, 2014, 16, 318-321.	4.6	26
33	Synthesis of 3,4-dihydropyrrolo[2,1-a]isoquinolines based on [3+2] cycloaddition initiated by Rh2(cap)4-catalyzed oxidation. Tetrahedron Letters, 2013, 54, 3015-3018.	1.4	32
34	Efficient Synthesis of N-(9-Xanthyl)-4-Toluenesulfonamides Enabled by an Addition-Cyclization Cascade of Arynes. Synlett, 2013, 24, 640-644.	1.8	7
35	Dirhodium Caprolactamate Catalyzed Alkoxyalkylation of Terminal Alkynes. Synlett, 2013, 24, 1693-1696.	1.8	18
36	The Oxidative Acylnitroso Hetero-Diels-Alder Reaction Catalyzed by Dirhodium Caprolactamate. Synlett, 2012, 23, 1801-1804.	1.8	41

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37	Efficient Synthesis of Î±-Tertiary Î±-Silylamines from Aryl Sulfonylimidates via One-Pot, Sequential Câ€“Si/Câ€“C Bond Formations. Organic Letters, 2012, 14, 2906-2909.	4.6	22
38	Dirhodium(II) Complexes of 2â€(Sulfonylimino)pyrrolidine: Synthesis and Application in Catalytic Benzylic Oxidation. European Journal of Organic Chemistry, 2012, 2012, 3088-3092.	2.4	30
39	Three-Component Reactions of Sulfonylimidates, Silyl Glyoxylates and <i>N</i>-<i>tert</i>-Butanesulfinyl Aldimines: An Efficient, Diastereoselective, and Enantioselective Synthesis of Cyclic <i>N</i>-Sulfonylamidines. Organic Letters, 2011, 13, 2782-2785.	4.6	30
40	Asymmetric Synthesis ofcis-2-Aminocyclopropanols by Intramolecular Mannich Addition of Silyloxy Benzyl Carbanions. Journal of Organic Chemistry, 2011, 76, 4205-4209.	3.2	21
41	Total Synthesis of (Â±)â€Trichodermamideâ€…B and of a Putative Biosynthetic Precursor to Aspergillazineâ€…A Using an Oxazaâ€Cope Rearrangement. Angewandte Chemie - International Edition, 2008, 47, 6829-6831.	13.8	46
42	Studies toward the Synthesis of Pinnatoxins:â€‰ The B,C,D-Dispiroketal Fragment. Organic Letters, 2007, 9, 3161-3163.	4.6	33
43	Development of the 1,2-Oxaza-Cope Rearrangement. Journal of the American Chemical Society, 2006, 128, 5356-5357.	13.7	29
44	The rhodium catalyzed three-component reaction of diazoacetates, titanium(iv) alkoxides and aldehydes. Chemical Communications, 2005, , 2624.	4.1	38
45	Three-Component Reaction of Aryl Diazoacetates, Alcohols, and Aldehydes (or Imines):â€‰ Evidence of Alcoholic Oxonium Ylide Intermediates. Organic Letters, 2005, 7, 83-86.	4.6	108
46	A Facile Three-Component One-Pot Synthesis of Structurally Constrained Tetrahydrofurans That Are t-RNA Synthetase Inhibitor Analogues. Journal of Organic Chemistry, 2004, 69, 4856-4859.	3.2	50
47	Highly Chemoselective 2,4,5-Triaryl-1,3-dioxolane Formation from Intermolecular 1,3-Dipolar Addition of Carbonyl Ylide with Aryl Aldehydes. Organic Letters, 2004, 6, 3071-3074.	4.6	57
48	Stereoselective Conjugate Addition-Enamination of Î±-Linear N-tert-Butanesulfinyl Ketimines with Nitroolefins. Synthesis, 0, , .	2.3	0