

Charles C J Loh

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,391
citations

361296

20
h-index

580701

25
g-index

40
all docs

40
docs citations

40
times ranked

1433
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploiting non-covalent interactions in selective carbohydrate synthesis. <i>Nature Reviews Chemistry</i> , 2021, 5, 792-815.	13.8	50
2	A robust and tunable halogen bond organocatalyzed 2-deoxyglycosylation involving quantum tunneling. <i>Nature Communications</i> , 2020, 11, 4911.	5.8	37
3	A Multistage Halogen Bond Catalyzed Strain-Release Glycosylation Unravels New Hedgehog Signaling Inhibitors. <i>Journal of the American Chemical Society</i> , 2019, 141, 5381-5391.	6.6	65
4	An ultra-low thiourea catalyzed strain-release glycosylation and a multicatalytic diversification strategy. <i>Nature Communications</i> , 2018, 9, 4057.	5.8	31
5	Rhodium-Catalyzed Enantioselective Isomerization of <i>meso</i> -Oxabenzonorbornadienes to 1,2-Naphthalene Oxides. <i>Angewandte Chemie</i> , 2017, 129, 6404-6408.	1.6	4
6	Rhodium-Catalyzed Enantioselective Isomerization of <i>meso</i> -Oxabenzonorbornadienes to 1,2-Naphthalene Oxides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6307-6311.	7.2	16
7	Exploiting Distal Reactivity of Coumarins: A Rhodium-Catalyzed Vinylogous Asymmetric Ring-Opening Reaction. <i>Angewandte Chemie</i> , 2016, 128, 4676-4680.	1.6	12
8	Rhodium-Catalyzed Asymmetric Cycloisomerization and Parallel Kinetic Resolution of Racemic Oxabicycles. <i>Angewandte Chemie</i> , 2016, 128, 10228-10232.	1.6	9
9	Rhodium-Catalyzed Asymmetric Cycloisomerization and Parallel Kinetic Resolution of Racemic Oxabicycles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10074-10078.	7.2	29
10	Exploiting Distal Reactivity of Coumarins: A Rhodium-Catalyzed Vinylogous Asymmetric Ring-Opening Reaction. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 4600-4604.	7.2	43
11	Benzylic Functionalization of Anthrones via the Asymmetric Ring Opening of Oxabicycles Utilizing a Fourth-Generation Rhodium Catalytic System. <i>Chemistry - A European Journal</i> , 2015, 21, 13883-13887.	1.7	28
12	Organocatalytic Asymmetric Domino Michael/Henry Reaction of Indolin-3-ones with <i>o</i> -Formyl- <i>l</i> ² -nitrostyrenes. <i>Synthesis</i> , 2015, 47, 1024-1031.	1.2	11
13	Merging Gold and Organocatalysis: A Facile Asymmetric Synthesis of Annulated Pyrroles. <i>Chemistry - A European Journal</i> , 2014, 20, 3917-3921.	1.7	29
14	Streocontrolled Construction of Six Vicinal Stereogenic Centers on Spiropyrazolones via Organocascade Michael/Michael/1,2-Addition Reactions. <i>Organic Letters</i> , 2014, 16, 2954-2957.	2.4	113
15	Rapid Asymmetric Synthesis of Highly Functionalized Indanols <i>via</i> a Michael/Henry Organocascade with Submol% Squaramide Catalyst Loadings. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 3181-3186.	2.1	22
16	Asymmetric domino synthesis of indanes bearing four contiguous stereocentres catalyzed by sub-mol% loadings of a squaramide in minutes. <i>Chemical Communications</i> , 2013, 49, 10230.	2.2	45
17	Asymmetric Synthesis of Pyrroloindolones by <i>N</i> -Heterocyclic Carbene Catalyzed [2+3] Annulation of <i>l</i> -Chloroaldehydes with Nitrovinylindoles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13562-13566.	7.2	118
18	Asymmetric Organocatalytic Michael/Henry Domino Reactions through Hydrogen-Bond Activation: Kinetic Access to Indane Scaffolds Bearing <i>cis</i> -Vicinal Substituents. <i>Chemistry - A European Journal</i> , 2013, 19, 10822-10826.	1.7	45

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19	Enantioselective organocatalytic domino synthesis of tetrahydropyridin-2-ols. <i>Chemical Communications</i> , 2012, 48, 10049.	2.2	35
20	Enantioselective Synthesis of Tetrahydrocarbazoles through a Michael Addition/Ciamicianâ€“Plancher Rearrangement Sequence: Asymmetric Synthesis of a Potent Constrained Analogue of MSâ€“245. <i>Chemistry - A European Journal</i> , 2012, 18, 13250-13254.	1.7	61
21	Merging Organocatalysis and Gold Catalysisâ€“A Critical Evaluation of the Underlying Concepts. <i>Chemistry - A European Journal</i> , 2012, 18, 10212-10225.	1.7	201
22	Organocatalytic, Asymmetric Synthesis of 3â€“Sulfonylated <i>N</i>-Bocâ€“Protected Oxindoles. <i>Chemistry - A European Journal</i> , 2012, 18, 11531-11535.	1.7	70
23	Exploiting the Electrophilic Properties of Indole Intermediates: New Options in Designing Asymmetric Reactions. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 46-48.	7.2	141
24	Merging Organocatalysis and Gold Catalysis: Enantioselective Synthesis of Tetracyclic Indole Derivatives through a Sequential Double Friedelâ€“Crafts Type Reaction. <i>Chemistry - A European Journal</i> , 2011, 17, 13409-13414.	1.7	123