

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 | Merging Organocatalysis and Gold Catalysis—A Critical Evaluation of the Underlying Concepts. <i>Chemistry - A European Journal</i> , 2012, 18, 10212-10225. | 1.7 | 201 |
| 2 | 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 |
| 3 | Merging Organocatalysis and Gold Catalysis: Enantioselective Synthesis of Tetracyclic Indole Derivatives through a Sequential Double Friedel–Crafts Type Reaction. <i>Chemistry - A European Journal</i> , 2011, 17, 13409-13414. | 1.7 | 123 |
| 4 | Asymmetric Synthesis of Pyrroloindolones by N-Heterocyclic Carbene Catalyzed [2+3] Annulation of α -Chloroaldehydes with Nitrovinylindoles. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13562-13566. | 7.2 | 118 |
| 5 | 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 |
| 6 | Organocatalytic, Asymmetric Synthesis of 3-Sulfenylated <i>N</i> -Boc-Protected Oxindoles. <i>Chemistry - A European Journal</i> , 2012, 18, 11531-11535. | 1.7 | 70 |
| 7 | 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 |
| 8 | Enantioselective Synthesis of Tetrahydrocarbazoles through a Michael Addition/Ciamician–Plancher Rearrangement Sequence: Asymmetric Synthesis of a Potent Constrained Analogue of MS-245. <i>Chemistry - A European Journal</i> , 2012, 18, 13250-13254. | 1.7 | 61 |
| 9 | Exploiting non-covalent interactions in selective carbohydrate synthesis. <i>Nature Reviews Chemistry</i> , 2021, 5, 792-815. | 13.8 | 50 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | A robust and tunable halogen bond organocatalyzed 2-deoxyglycosylation involving quantum tunneling. <i>Nature Communications</i> , 2020, 11, 4911. | 5.8 | 37 |
| 14 | Enantioselective organocatalytic domino synthesis of tetrahydropyridin-2-ols. <i>Chemical Communications</i> , 2012, 48, 10049. | 2.2 | 35 |
| 15 | An ultra-low thiourea catalyzed strain-release glycosylation and a multicatalytic diversification strategy. <i>Nature Communications</i> , 2018, 9, 4057. | 5.8 | 31 |
| 16 | Merging Gold and Organocatalysis: A Facile Asymmetric Synthesis of Annulated Pyrroles. <i>Chemistry - A European Journal</i> , 2014, 20, 3917-3921. | 1.7 | 29 |
| 17 | Rhodium-Catalyzed Asymmetric Cycloisomerization and Parallel Kinetic Resolution of Racemic Oxabicycles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10074-10078. | 7.2 | 29 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Exploiting Distal Reactivity of Coumarins: A Rhodium-Catalyzed Vinylogous Asymmetric Ring-Opening Reaction. <i>Angewandte Chemie</i> , 2016, 128, 4676-4680. | 1.6 | 12 |
| 22 | Organocatalytic Asymmetric Domino Michael/Henry Reaction of Indolin-3-ones with <i>o</i> -Formyl- ¹² -nitrostyrenes. <i>Synthesis</i> , 2015, 47, 1024-1031. | 1.2 | 11 |
| 23 | Rhodium-Catalyzed Asymmetric Cycloisomerization and Parallel Kinetic Resolution of Racemic Oxabicycles. <i>Angewandte Chemie</i> , 2016, 128, 10228-10232. | 1.6 | 9 |
| 24 | 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 |