

Xiao- Wei Liang

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3539765/publications.pdf>

Version: 2024-02-01

19
papers

778
citations

758635

12
h-index

839053

18
g-index

27
all docs

27
docs citations

27
times ranked

813
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Dearomatization through Halofunctionalization Reactions. <i>Chemistry - A European Journal</i> , 2016, 22, 11918-11933. | 1.7 | 135 |
| 2 | Ring-Closing Metathesis/Isomerization/Pictetâ€“Spengler Cascade <i>via</i> Ruthenium/Chiral Phosphoric Acid Sequential Catalysis. <i>Organic Letters</i> , 2012, 14, 5022-5025. | 2.4 | 117 |
| 3 | Organocatalytic asymmetric chlorinative dearomatization of naphthols. <i>Chemical Science</i> , 2015, 6, 4179-4183. | 3.7 | 104 |
| 4 | Enantioselective Construction of Pyrroloindolines via Chiral Phosphoric Acid Catalyzed Cascade Michael Additionâ€“Cyclization of Tryptamines. <i>Organic Letters</i> , 2012, 14, 4588-4590. | 2.4 | 89 |
| 5 | An olefin isomerization/asymmetric Pictetâ€“Spengler cascade <i>via</i> sequential catalysis of ruthenium alkylidene and chiral phosphoric acid. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1602. | 1.5 | 52 |
| 6 | Asymmetric fluorinative dearomatization of tryptamine derivatives. <i>Chemical Communications</i> , 2017, 53, 5531-5534. | 2.2 | 49 |
| 7 | Copper(I)-Catalyzed Asymmetric Dearomatization of Indole Acetamides with β -Indolylphenyliodonium Salts. <i>Chemistry - A European Journal</i> , 2016, 22, 10813-10816. | 1.7 | 44 |
| 8 | Enantioselective Synthesis of Arene <i>cis</i> -Dihydrodiols from 2-Pyrones. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 14562-14567. | 7.2 | 35 |
| 9 | Catalytic Asymmetric Chlorinative Dearomatization Reaction of Benzofurans. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2066-2071. | 2.1 | 33 |
| 10 | Asymmetric Fluorinative Dearomatization of Tryptophol Derivatives by Chiral Anion Phase-Transfer Catalysis. <i>Chinese Journal of Chemistry</i> , 2018, 36, 925-928. | 2.6 | 33 |
| 11 | Total synthesis of natural products using photocycloaddition reactions of arenes. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5558-5566. | 1.5 | 29 |
| 12 | Catalytic asymmetric brominative dearomatization reaction of benzofurans. <i>Chinese Chemical Letters</i> , 2018, 29, 1212-1214. | 4.8 | 22 |
| 13 | Manipulation of Spiroindolenine Intermediates for Enantioselective Synthesis of β -(Indol-3-yl)-Pyrrolidines. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1158-1162. | 7.2 | 12 |
| 14 | Enantioselective Synthesis of Arene <i>cis</i> -Dihydrodiols from 2-Pyrones. <i>Angewandte Chemie</i> , 2019, 131, 14704-14709. | 1.6 | 11 |
| 15 | Oxidative Indole Dearomatization for Asymmetric Furoindoline Synthesis by a Flavin-Dependent Monooxygenase Involved in the Biosynthesis of Bicyclic Thiopeptide Thiostrepton. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8401-8405. | 7.2 | 9 |
| 16 | Asymmetric [1,5]-Hydride Transfer Reactions. <i>RSC Catalysis Series</i> , 2015, , 126-140. | 0.1 | 2 |
| 17 | Manipulation of Spiroindolenine Intermediates for Enantioselective Synthesis of β -(Indol-3-yl)-Pyrrolidines. <i>Angewandte Chemie</i> , 2019, 131, 1170-1174. | 1.6 | 1 |
| 18 | Recent applications of solid-phase strategy in total synthesis of antibiotics. <i>RSC Advances</i> , 2021, 11, 37942-37951. | 1.7 | 1 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Oxidative Indole Dearomatization for Asymmetric Furoindoline Synthesis by a Flavin-Dependent Monooxygenase Involved in the Biosynthesis of Bicyclic Thiopeptide Thiostrepton. <i>Angewandte Chemie</i> , 2021, 133, 8482-8486. | 1.6 | 0 |