

Zhang Yu-Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6414953/publications.pdf>

Version: 2024-02-01

29
papers

2,093
citations

331670

21
h-index

477307

29
g-index

29
all docs

29
docs citations

29
times ranked

1063
citing authors

#	ARTICLE	IF	CITATIONS
1	Organocatalytic Asymmetric Synthesis of Indole-Based Chiral Heterocycles: Strategies, Reactions, and Outreach. <i>Accounts of Chemical Research</i> , 2020, 53, 425-446.	15.6	414
2	Organocatalytic Asymmetric Arylative Dearomatization of 2,3-Disubstituted Indoles Enabled by Tandem Reactions. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 13912-13915.	13.8	190
3	Progresses in organocatalytic asymmetric dearomatization reactions of indole derivatives. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3967-3998.	4.5	175
4	A Strategy for Synthesizing Axially Chiral Naphthylindoles: Catalytic Asymmetric Addition Reactions of Racemic Substrates. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15104-15110.	13.8	148
5	Axially Chiral Arylalkeneindole Framework: A Nascent Member of the Atropisomeric Family and Its Catalytic Asymmetric Construction. <i>Chinese Journal of Chemistry</i> , 2020, 38, 543-552.	4.9	121
6	Atroposelective Access to Oxindole-Based Axially Chiral Styrenes via the Strategy of Catalytic Kinetic Resolution. <i>Journal of the American Chemical Society</i> , 2020, 142, 15686-15696.	13.7	115
7	Merging Chiral Brønsted Acid/Base Catalysis: An Enantioselective [4+2] Cycloaddition of <i>o</i> -Hydroxystyrenes with Azlactones. <i>Journal of Organic Chemistry</i> , 2016, 81, 1681-1688.	3.2	101
8	Advances in organocatalytic asymmetric reactions of vinylindoles: powerful access to enantioenriched indole derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2643-2672.	4.5	82
9	Regio- and Enantioselective (3+3) Cycloaddition of Nitrones with 2-Indolylmethanols Enabled by Cooperative Organocatalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 2355-2363.	13.8	81
10	Catalytic Asymmetric Synthesis of Axially Chiral 3,3'-Bisindoles by Direct Coupling of Indole Rings. <i>Chinese Journal of Chemistry</i> , 2022, 40, 2151-2160.	4.9	77
11	Atroposelective Construction of Axially Chiral Alkeneindole Scaffolds via Catalytic Enantioselective Addition Reaction of 3-Alkynyl-2-Indolylmethanols. <i>Chinese Journal of Chemistry</i> , 2021, 39, 2163-2171.	4.9	69
12	Atroposelective Synthesis of 3,3'-Bisindoles Bearing Axial and Central Chirality: Using Isatin-Derived Imines as Electrophiles. <i>Chinese Journal of Chemistry</i> , 2020, 38, 583-589.	4.9	65
13	Enantioselective [3+2] Cycloaddition Reaction of Ethynylethylene Carbonates with Malononitrile Enabled by Organo/Metal Cooperative Catalysis. <i>Organic Letters</i> , 2018, 20, 7907-7911.	4.6	63
14	Rational Design of Axially Chiral Styrene-Based Organocatalysts and Their Application in Catalytic Asymmetric (2+4) Cyclizations. <i>Angewandte Chemie - International Edition</i> , 2022, 61, e202112226.	13.8	49
15	Enantioselective Decarboxylative Propargylation/Hydroamination Enabled by Organo/Metal Cooperative Catalysis. <i>Organic Letters</i> , 2018, 20, 2792-2795.	4.6	43
16	Design and Application of Indole-Based Allylic Donors for Pd-Catalyzed Decarboxylative Allylation Reactions. <i>Chinese Journal of Chemistry</i> , 2020, 38, 1612-1618.	4.9	38
17	A Strategy for Synthesizing Axially Chiral Naphthylindoles: Catalytic Asymmetric Addition Reactions of Racemic Substrates. <i>Angewandte Chemie</i> , 2019, 131, 15248-15254.	2.0	33
18	Organocatalytic Chemo- and Regioselective Oxyarylation of Styrenes via a Cascade Reaction: Remote Activation of Hydroxyl Groups. <i>Journal of Organic Chemistry</i> , 2014, 79, 6143-6152.	3.2	31

#	ARTICLE	IF	CITATIONS
19	Catalytic Asymmetric Synthesis of 3,3-Disubstituted-Indoles Bearing Single Axial Chirality. <i>Journal of Organic Chemistry</i> , 2020, 85, 10152-10166.	3.2	31
20	Regio- and enantioselective ring-opening reaction of vinylcyclopropanes with indoles under cooperative catalysis. <i>Organic Chemistry Frontiers</i> , 2021, 8, 212-223.	4.5	22
21	Metal-Catalyzed Regiospecific (4+3) Cyclization of 2-Indolylmethanols with <i>ortho</i> -Quinone Methides. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 4301-4308.	2.4	21
22	Construction of chiral chroman scaffolds <i>via</i> catalytic asymmetric (4 + 2) cyclizations of <i>para</i> -quinone methide derivatives with 3-vinylindoles. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5388-5399.	2.8	21
23	Catalytic Asymmetric Substitution Reaction of 3-Substituted 2-Indolylmethanols with 2-Naphthols. <i>Synthesis</i> , 2020, 52, 3684-3692.	2.3	20
24	Isothiourea and Brønsted Acid Cooperative Catalysis: Enantioselective Construction of Dihydropyridinones. <i>Organic Letters</i> , 2020, 22, 2261-2265.	4.6	20
25	Application of 3-Alkyl-2-vinylindoles in Catalytic Asymmetric Dearomative (2+3) Cycloadditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 10427-10439.	3.2	16
26	(4 + 2) cyclization of aza- <i>ortho</i> -quinone methides with azlactones: construction of biologically important dihydroquinolinone frameworks. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 1334-1343.	2.8	15
27	Rational Design of Amine Nucleophiles for Dynamic Kinetic Resolution of Azlactones Leading to Highly Enantioselective Synthesis of Bisamides. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 914-919.	2.7	14
28	Lewis acid-catalyzed [4 + 2] cycloaddition of 3-alkyl-2-vinylindoles with α,β -unsaturated α -ketoesters. <i>Green Synthesis and Catalysis</i> , 2022, 3, 84-88.	6.8	12
29	Organocatalytic Asymmetric [2 + 4] Cycloadditions of 3-Vinylindoles with <i>ortho</i> -Quinone Methides. <i>Molecules</i> , 2021, 26, 6751.	3.8	6