

Weiliang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,190
citations

471509

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docs citations

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times ranked

1060
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Asymmetric Bromoamination of Chalcones: Highly Efficient Synthesis of Chiral α -Bromo- β -Amino Ketone Derivatives. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 6160-6164.	13.8	180
2	Catalytic Asymmetric Chloroamination Reaction of α,β -Unsaturated β -Keto Esters and Chalcones. <i>Journal of the American Chemical Society</i> , 2011, 133, 5636-5639.	13.7	152
3	Enantioselective One-Pot Synthesis of 2-Amino-4-(indol-3-yl)-4H-Chromenes. <i>Organic Letters</i> , 2011, 13, 4910-4913.	4.6	97
4	Catalytic Asymmetric Sulfenylation of Unprotected 3-Substituted Oxindoles. <i>Organic Letters</i> , 2012, 14, 2726-2729.	4.6	95
5	Highly Enantioselective Conjugate Addition of Thioglycolate to Chalcones Catalyzed by Lanthanum: Low Catalyst Loading and Remarkable Chiral Amplification. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 4290-4293.	13.8	93
6	Asymmetric Iodoamination of Chalcones and α -Aryloxyobutenones Catalyzed by a Complex Based on Scandium(III) and a N,N' -Dioxide Ligand. <i>Chemistry - A European Journal</i> , 2011, 17, 14916-14921.	3.3	82
7	Highly Enantioselective Fluorination of Unprotected 3-Substituted Oxindoles: One-Step Synthesis of BMS 204352 (MaxiPost). <i>Journal of Organic Chemistry</i> , 2012, 77, 9148-9155.	3.2	73
8	Catalytic Asymmetric Synthesis of Quaternary α -Hydroxy Trifluoromethyl Phosphonate via Chiral Aluminum(III) Catalyzed Hydrophosphonylation of Trifluoromethyl Ketones. <i>Organic Letters</i> , 2010, 12, 4296-4299.	4.6	57
9	An asymmetric [3+2] cycloaddition of alkynes with oxiranes by selective C=C bond cleavage of epoxides: highly efficient synthesis of chiral furan derivatives. <i>Chemical Communications</i> , 2014, 50, 11480-11483.	4.1	47
10	Catalytic asymmetric [3+2] cycloaddition of aromatic aldehydes with oxiranes by C=C bond cleavage of epoxides: highly efficient synthesis of chiral 1,3-dioxolanes. <i>Chemical Communications</i> , 2014, 50, 2161.	4.1	45
11	Chiral N,N' -dioxide-Yb(III) complexes catalyzed enantioselective hydrophosphonylation of aldehydes. <i>Tetrahedron Letters</i> , 2010, 51, 4175-4178.	1.4	39
12	Asymmetric Synthesis of Furo[3,4- <i>b</i>]indoles by Catalytic [3+2] Cycloaddition of Indoles with Epoxides. <i>Chemistry - A European Journal</i> , 2015, 21, 15104-15107.	3.3	37
13	Synthesis of Chiral Tetrahydrofurans via Catalytic Asymmetric [3 + 2] Cycloaddition of Heterosubstituted Alkenes with Oxiranes. <i>Journal of Organic Chemistry</i> , 2016, 81, 1237-1243.	3.2	32
14	Highly Enantioselective Zinc-Catalyzed Friedel-Crafts Alkylation of Indoles with Ethyl Trifluoropyruvate. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3174-3178.	4.3	31
15	Enantioselective aza-Michael reaction of hydrazide to chalcones through the nonactivated amine moiety conjugated addition. <i>Chemical Communications</i> , 2011, 47, 4016.	4.1	29
16	Chiral N,N' -Dioxide-Scandium(III)-Catalyzed Asymmetric Epoxidation of α,β -Unsaturated β -Keto Esters with Hydrogen Peroxide. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2214-2218.	4.3	16
17	One-pot synthesis of spiro[indoline-3,2'-pyrrolidin]-ones catalyzed by mesoporous molecular sieve MCM-41. <i>Tetrahedron</i> , 2021, 93, 132283.	1.9	5
18	Amine-functionalized MCM-41 as an efficient catalyst for the synthesis of sulfur/dinitrogen-fused heterocycles via [3+3] cycloaddition in water. <i>New Journal of Chemistry</i> , 2022, 46, 6804-6810.	2.8	2