

Jiang Weng

List of Publications by Year in descending order

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52
papers

1,638
citations

236925

25
h-index

315739

38
g-index

54
all docs

54
docs citations

54
times ranked

1686
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed Remote C-H Functionalizations of Naphthylamides through a Coordinating Activation Strategy and Single-Electron-Transfer (SET) Mechanism. <i>ACS Catalysis</i> , 2017, 7, 2661-2667.	11.2	122
2	Differentiation and functionalization of remote C-H bonds in adjacent positions. <i>Nature Chemistry</i> , 2020, 12, 399-404.	13.6	98
3	Pd/Cu-Catalyzed Cyanation of Aryl Halides in Aqueous PEG. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 3524-3528.	2.4	90
4	Copper-free Sandmeyer-type Reaction for the Synthesis of Sulfonyl Fluorides. <i>Organic Letters</i> , 2020, 22, 3072-3078.	4.6	78
5	Asymmetric synthesis of trifluoromethyl-substituted 3,3'-pyrrolidinyl-dispirooxindoles through organocatalytic 1,3-dipolar cycloaddition reactions. <i>Organic Chemistry Frontiers</i> , 2017, 4, 472-482.	4.5	68
6	A Practical and Azide-Free Synthetic Approach to Osetamivir from Diethyl Tartrate. <i>Journal of Organic Chemistry</i> , 2010, 75, 3125-3128.	3.2	64
7	Highly Efficient Asymmetric Michael Reaction of Aldehydes to Nitroalkenes with Diphenylperhydroindolinol Silyl Ethers as Organocatalysts. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2449-2459.	4.3	58
8	Organocatalytic Diels-Alder Reaction of 2-Vinylindoles with Methyleneindolinones: An Efficient Approach to Functionalized Carbazolespirooxindoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 993-1003.	4.3	53
9	Manganese(III)-Mediated and Cu-Catalyzed Decarboxylative Hydroxysulfonylation of Arylpropionic Acids with Sodium Sulfinates in Water. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1611-1616.	4.3	52
10	Copper-catalyzed C5-regioselective C-H sulfonylation of 8-aminoquinoline amides with aryl sulfonyl chlorides. <i>Tetrahedron Letters</i> , 2016, 57, 2121-2124.	1.4	47
11	Palladium-catalyzed Suzuki cross-coupling of N-tosyl arylhydrazines. <i>Chemical Communications</i> , 2013, 49, 5268.	4.1	46
12	Photoredox-catalyzed aminofluorosulfonylation of unactivated olefins. <i>Chemical Science</i> , 2021, 12, 9359-9365.	7.4	45
13	Enantioselective Synthesis of Triarylmethanes via Organocatalytic 1,6-Addition of Arylboronic Acids to Quinone Methides. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1241-1246.	4.3	43
14	Recent progress in the synthesis of sulfonyl fluorides for SuFEx click chemistry. <i>Chinese Chemical Letters</i> , 2021, 32, 2736-2750.	9.0	41
15	Enantioselective Dehydrative β -Arylation of β -Indolyl Propargylic Alcohols with Phenols: Access to Chiral Tetrasubstituted Allenes and Naphthopyrans. <i>Organic Letters</i> , 2020, 22, 6873-6878.	4.6	39
16	Catalytic Decarboxylative Fluorosulfonylation Enabled by Energy-Transfer-Mediated Photocatalysis. <i>Organic Letters</i> , 2022, 24, 2474-2478.	4.6	36
17	Design, Synthesis, and Biological Evaluation of Substituted Pyrimidines as Potential Phosphatidylinositol 3-Kinase (PI3K) Inhibitors. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 7268-7274.	6.4	35
18	Copper-catalyzed <i>peri</i> -selective direct sulfonylation of 1-naphthylamines with disulfides. <i>Organic Chemistry Frontiers</i> , 2018, 5, 982-989.	4.5	34

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19	Organocatalytic Michael Reaction of Nitroenamine Derivatives with Aldehydes: Short and Efficient Asymmetric Synthesis of (S)-Oseltamivir. <i>ChemCatChem</i> , 2012, 4, 1007-1012.	3.7	33
20	Organocatalytic Michael/cyclization cascade reactions of 3-isothiocyanato oxindoles with 3-trifluoroethylidene oxindoles: an approach for the synthesis of 3-trifluoromethyl substituted 3,2-pyrrolidinyl-bispirooxindoles. <i>Organic Chemistry Frontiers</i> , 2018, 5, 1375-1380.	4.5	31
21	Natural diarylfluorene derivatives: isolation, total synthesis, and phosphodiesterase-4 inhibition. <i>Organic Chemistry Frontiers</i> , 2017, 4, 170-177.	4.5	30
22	Catalytic Asymmetric Synthesis of Vicinal Tetrasubstituted Diamines via Umpolung Cross-Mannich Reaction of Cyclic Ketimines. <i>Organic Letters</i> , 2020, 22, 5014-5019.	4.6	30
23	Construction of Sulfonyl Phthalides via Copper-Catalyzed Oxysulfonylation of 2-Vinylbenzoic Acids with Sodium Sulfinates. <i>Journal of Organic Chemistry</i> , 2019, 84, 13465-13472.	3.2	29
24	Organocatalytic enantioselective S _N 1-type dehydrative nucleophilic substitution: access to bis(indolyl)methanes bearing quaternary carbon stereocenters. <i>Chemical Science</i> , 2021, 13, 170-177.	7.4	28
25	Copper-catalyzed coupling reaction: an efficient and regioselective approach to N,N-diaryl acylhydrazines. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2055-2063.	2.8	27
26	Nickel-catalyzed direct C-H bond sulfenylation of acylhydrazines. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 6047-6056.	2.8	27
27	Visible-Light-Mediated Decarboxylative Benzoylation of Imines with Arylacetic Acids. <i>Journal of Organic Chemistry</i> , 2018, 83, 12559-12567.	3.2	25
28	Highly efficient construction of chiral dispirocyclic oxindole/thiobutyrolactam/chromanone complexes through Michael/cyclization cascade reactions with a rosin-based squaramide catalyst. <i>Tetrahedron</i> , 2018, 74, 3734-3741.	1.9	25
29	An efficient approach to access 1,1,2-triarylethanes enabled by the organo-photoredox-catalyzed decarboxylative addition reaction. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1955-1960.	4.5	25
30	Palladium-catalyzed reductive homocoupling of N-tosyl arylhydrazines. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8014.	2.8	24
31	Asymmetric amination of 2-substituted indolin-3-ones catalyzed by natural cinchona alkaloids. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1400-1406.	4.5	22
32	CuI/PPH ₃ /PEG-Water: An Efficient Catalytic System for Cross-Coupling Reaction of Aryl Iodides and Alkynes. <i>Synthetic Communications</i> , 2011, 41, 3123-3133.	2.1	21
33	Visible-light-promoted radical cross-coupling of para-quinone methides with N-substituted anilines: an efficient approach to 2,2-diarylethylamines. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 860-864.	2.8	20
34	Stereoselective synthesis of epoxyisoprostanes: an organocatalytic and cost-effective approach. <i>Chemical Communications</i> , 2015, 51, 10170-10173.	4.1	17
35	Asymmetric Synthesis of Vicinally Bis(trifluoromethyl)-Substituted 3,3-Pyrrolidinyl Spirooxindoles via Organocatalytic 1,3-Dipolar Cycloaddition Reactions. <i>Synthesis</i> , 2019, 51, 1969-1979.	2.3	17
36	Chiral 1-cinchonidine-derived amino alcohol catalyzed asymmetric aryl transfer reactions with boroxine as aryl source. <i>Chirality</i> , 2010, 22, 159-164.	2.6	16

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37	Total Synthesis of Mulberry Diels-Alder-Type Adducts Kuwanons G and H. <i>Journal of Organic Chemistry</i> , 2021, 86, 4786-4793.	3.2	15
38	Asymmetric Domino Nitro-Michael/Horner-Wadsworth-Emmons Reaction for Disubstituted Cyclohexenecarboxylate Annulation: Efficient Synthesis of Dipeptidyl Peptidase IV Inhibitor ABT-341 and Influenza Neuraminidase Inhibitor. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1961-1970.	4.3	13
39	Enantioselective synthesis of syn-2-amino-1,3-diols via organocatalytic sequential oxa-Michael/ α -amination reactions of α,β -unsaturated aldehydes. <i>Tetrahedron Letters</i> , 2016, 57, 2554-2557.	1.4	13
40	Organocatalytic synthesis of chiral CF ₃ -containing oxazolidines and 1,2-amino alcohols: asymmetric oxa-1,3-dipolar cycloaddition of trifluoroethylamine-derived azomethine ylides. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3452-3458.	4.5	13
41	An Improved and Efficient Process for the Preparation of (+)-Eloprostenoil. <i>Chirality</i> , 2015, 27, 392-396.	2.6	11
42	Copper-catalyzed aerobic decarboxylative coupling between cyclic α -amino acids and diverse C-H nucleophiles with low catalyst loading. <i>RSC Advances</i> , 2018, 8, 16202-16206.	3.6	11
43	Synthesis of Terminal Vinylphosphonates Via Dbu-Promoted Tandem Phospha-Michael/Elimination Reactions. <i>Phosphorus, Sulfur and Silicon and the Related Elements</i> , 2014, 189, 1858-1866.	1.6	9
44	Chiral diphenylperhydroindolinol silyl ether catalyzed domino oxa-Michael-aldol condensations for the asymmetric synthesis of benzopyrans. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 523-528.	1.8	9
45	Highly Efficient Construction of CF ₃ -Containing 3,3'-Pyrrolidinyl-dispirooxindoles via Base-Catalyzed Diastereoselective [3+2] Annulation. <i>Heterocycles</i> , 2017, 94, 879.	0.7	9
46	Transition metal-free synthesis of α -aryl ketones via oxyallyl cation capture with arylboronic acids. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2480-2485.	4.5	9
47	Synthesis of Pelorol and Its Analogs and Their Inhibitory Effects on Phosphatidylinositol 3-Kinase. <i>Marine Drugs</i> , 2016, 14, 118.	4.6	7
48	Indoxyl-based umpolung strategy for the synthesis of unsymmetrical 3,3'-biindoles. <i>Tetrahedron Letters</i> , 2016, 57, 5493-5496.	1.4	7
49	Visible-Light Catalyzed [1+2+2] Cycloaddition Reactions Enabled by the Formation of Methylene Nitrones. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5450-5456.	4.3	6
50	Asymmetric Michael reaction of aldehydes with β -nitroalkenes catalyzed by pyrrolidine-camphor derived organocatalysts bearing hydrogen-bond donors. <i>Chirality</i> , 2012, 24, 271-275.	2.6	4
51	Asymmetric synthesis of vicinal amino alcohols via organocatalytic sequential α -amination/Grignard addition reactions of aldehydes. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 41-46.	1.8	3
52	Metal-Free Aerobic Sulfonyllactonization of Unsaturated Carboxylic Acids with Thiols Using Air as Sole Oxidant. <i>ChemistrySelect</i> , 2020, 5, 7382-7386.	1.5	3