

Ze Tan

List of Publications by Year in descending order

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49
papers

1,714
citations

257450

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289244

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times ranked

1737
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#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed or -Mediated C-H Bond Functionalizations Assisted by Bidentate Directing Groups. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1174-1194.	4.3	209
2	Pd-Catalyzed Decarboxylative Arylation of Thiazole, Benzoxazole, and Polyfluorobenzene with Substituted Benzoic Acids. <i>Organic Letters</i> , 2010, 12, 1564-1567.	4.6	188
3	Copper-mediated ortho C-H sulfonylation of benzoic acid derivatives with sodium sulfonates. <i>Chemical Communications</i> , 2015, 51, 6418-6421.	4.1	99
4	Synthesis of Oxindoles through Silver-Catalyzed Trifluoromethylation, Difluoromethylation and Arylsulfonylation-Cyclization Reaction of <i>N</i> -Arylacrylamides. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 3196-3202.	2.4	94
5	Copper-Mediated ortho-Nitration of Arene and Heteroarene C-H Bonds Assisted by an 8-Aminoquinoline Directing Group. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 732-738.	4.3	61
6	Highly mono-selective ortho-methylthiolation of benzamides via cobalt-catalyzed sp ² C-H activation. <i>Organic Chemistry Frontiers</i> , 2018, 5, 216-221.	4.5	49
7	Cobalt-promoted selective arylation of benzamides and acrylamides with arylboronic acids. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 11070-11075.	2.8	48
8	Copper-catalyzed acyltrifluoromethylation of alkenes: rapid access to trifluoroethyl indanones and related compounds. <i>Chemical Communications</i> , 2017, 53, 6440-6443.	4.1	45
9	Palladium-Catalyzed Formal Hydroalkylation of Aryl-Substituted Alkynes with Hydrazones. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14009-14013.	13.8	45
10	Synthesis of Biaryls by Pd-Catalyzed Decarboxylative Homo- and Heterocoupling of Substituted Benzoic Acids. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5787-5790.	2.4	44
11	Pd-catalyzed C3-selective arylation of pyridines with phenyl tosylates. <i>Chemical Communications</i> , 2013, 49, 4634.	4.1	43
12	Copper-Mediated ortho-Arylation of Benzamides with Arylboronic Acid. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 509-514.	4.3	43
13	Photocatalytic/Cu-Promoted C-H Activations: Visible-Light-Induced ortho-Selective Perfluoroalkylation of Benzamides. <i>Chemistry - A European Journal</i> , 2016, 22, 6218-6222.	3.3	43
14	Synthesis of 1-naphthols via Cp*Co(III)-catalyzed C-H activation and cyclization of sulfoxonium ylides with alkynes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3868-3873.	4.5	41
15	HOTf-Catalyzed, Solvent-Free Oxyarylation of Ynol Ethers and Thioethers. <i>Journal of Organic Chemistry</i> , 2016, 81, 4861-4868.	3.2	40
16	Palladium-Catalyzed anti-Selective Fluoroalkylboration of Internal and Terminal Alkynes. <i>Organic Letters</i> , 2018, 20, 5631-5635.	4.6	40
17	Highly mono-selective ortho-trifluoromethylation of benzamides via 8-aminoquinoline assisted Cu-promoted C-H activations. <i>Chemical Communications</i> , 2016, 52, 6845-6848.	4.1	38
18	Synthesis of Vinylsulfones Via Palladium-Catalyzed Decarboxylative Coupling of Cinnamic Acids with Aromatic Sulfinic Acid Sodium Salts. <i>Catalysis Letters</i> , 2014, 144, 1377-1383.	2.6	35

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19	Rational oxidation of cyclohexane to cyclohexanol, cyclohexanone and adipic acid with air over metalloporphyrin and cobalt salt. <i>Journal of Porphyrins and Phthalocyanines</i> , 2008, 12, 27-34.	0.8	33
20	Ammonia as Ultimate Amino Source in Synthesis of Primary Amines via Nickel-Promoted C-H Bond Amination. <i>Organic Letters</i> , 2019, 21, 5634-5638.	4.6	32
21	AlBN-Induced Remote Trifluoromethyl-Alkynylation of Thioalkynes. <i>Organic Letters</i> , 2020, 22, 4088-4092.	4.6	31
22	Direct Synthesis of Primary Anilines via Nickel-mediated C(sp ²)-H Aminations. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1346-1351.	4.3	30
23	Copper-catalyzed decarboxylative methylthiolation of aromatic carboxylate salts with DMSO. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 5674-5679.	2.8	27
24	Solvent-Free Aerobic Oxidation of Toluene over Metalloporphyrin/NHPI/CTAB: Synergy and Mechanism. <i>Catalysis Letters</i> , 2014, 144, 333-339.	2.6	26
25	Synthesis of Phenanthridin-6(5H)-ones via Copper-Catalyzed Cyclization of 2-Phenylbenzamides. <i>Synlett</i> , 2013, 24, 1016-1020.	1.8	25
26	Silver-Promoted Decarboxylative Sulfonylation of Aromatic Carboxylic Acids with Sodium Sulfinates. <i>Journal of Organic Chemistry</i> , 2019, 84, 11195-11202.	3.2	24
27	Efficient syntheses of 3-hydroxyimino-1-isoindolinones and 3-methylene-1-isoindolinones via Cu-promoted C-H activation-nitroalkylation-intramolecular cyclization tandem processes. <i>Chemical Communications</i> , 2017, 53, 4597-4600.	4.1	21
28	Selective Synthesis of Aryl Nitriles and 3-Imino-1-oxoisoindolines via Nickel-Promoted C(sp ²)-H Cyanations. <i>Organic Letters</i> , 2018, 20, 3206-3210.	4.6	20
29	Synthesis of Oxindoles via Iron-Mediated Hydrometallation-Cyclization of N-Arylacrylamides. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 870-874.	2.7	19
30	Synthesis of Benzofulvenes via Cp*Co(III)-Catalyzed C-H Activation and Carbocyclization of Aromatic Ketones with Internal Alkynes. <i>Journal of Organic Chemistry</i> , 2019, 84, 7449-7458.	3.2	19
31	Direct synthesis of benzoxazinones via Cp*Co(III)-catalyzed C-H activation and annulation of sulfoxonium ylides with dioxazolones. <i>Chinese Chemical Letters</i> , 2021, 32, 1263-1266.	9.0	19
32	Synthesis of 2-Substituted Benzothiazoles from 1-Iodo-2-nitrobenzenes by a Copper-Catalyzed One-Pot Three-Component Reaction. <i>Synthesis</i> , 2013, 45, 943-951.	2.3	16
33	Preparation and characterization of novel magnetic nanocomposite-bonded metalloporphyrins as biomimetic nanocatalysts. <i>Journal of Porphyrins and Phthalocyanines</i> , 2010, 14, 825-831.	0.8	15
34	Synthesis of Aryl Alkynes via Copper Catalyzed Decarboxylative Alkynylation of 2-Nitrobenzoic Acids. <i>Journal of Organic Chemistry</i> , 2018, 83, 8556-8566.	3.2	14
35	Nickel-Catalyzed Ortho C-H Methylation of Aromatic Amides with Di-tert-butyl Peroxide as Methylation Reagent. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6930-6934.	2.4	14
36	Synthesis of 2-Aryl Benzothiazoles via K ₂ S ₂ O ₈ -Mediated Oxidative Condensation of Benzothiazoles with Benzylamines. <i>Synlett</i> , 2013, 24, 1549-1554.	1.8	13

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37	Pd-Catalyzed Reduction of Aldehydes to Alcohols Using Formic Acid as the Hydrogen Donor. <i>Synthetic Communications</i> , 2014, 44, 280-288.	2.1	13
38	Synthesis of Biaryls via Pd-Catalyzed Decarboxylative Coupling of Substituted Benzoic Acids with Phenylboronic Acids. <i>Synthetic Communications</i> , 2014, 44, 289-295.	2.1	12
39	Synthesis of 2-Acylated Indoles through Palladium-Catalyzed Dehydrogenative Coupling of N-Pyrimidine-Protected Indoles with Aldehydes and Ethyl Glyoxylate. <i>Synlett</i> , 2015, 26, 771-778.	1.8	12
40	Visible-light-promoted direct C3-trifluoromethylation and perfluoroalkylation of imidazopyridines. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 8301-8306.	2.8	12
41	Synthesis of Ferrocenyl Alkyne-Cu(I) π -Complexes via Copper-Promoted 8-Aminoquinoline-Directed C-H Bond Alkynylations. <i>Organometallics</i> , 2019, 38, 3349-3357.	2.3	11
42	A low-molecular-weight compound exerts anticancer activity against breast and lung cancers by disrupting EGFR/Eps8 complex formation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2019, 38, 211.	8.6	10
43	Synthesis of α -Nitro Ketoximes from Styrenes and <i>tert</i> -Butyl Nitrite. <i>Synthetic Communications</i> , 2015, 45, 2181-2187.	2.1	9
44	Synthesis of 4-benzylpyridines via Pd-catalyzed CH_3 -arylation of 4-picoline. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 7509-7512.	2.8	8
45	Synthesis of oxindoles via Cu-mediated reactions between N-phenylacrylamides and ethyl 2-bromo-2-methylpropionate. <i>Tetrahedron Letters</i> , 2018, 59, 612-616.	1.4	7
46	Direct Synthesis of Amides from Benzonitriles and Benzylic Alcohols via a KO ^t -Bu-Mediated MPV-type Hydrogen Transfer Process. <i>Journal of Organic Chemistry</i> , 2022, 87, 8884-8891.	3.2	7
47	Transition-Metal-Free Cross-Dehydrogenative Couplings of 8-Aminoquinoline Amides at C5 Position with Acetonitrile, Ethers or Acetone. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 5012-5016.	2.4	6
48	Palladium-Catalyzed Allylation of α -Nitroacetates with Propynes. <i>Synthetic Communications</i> , 2014, 44, 3165-3172.	2.1	2
49	Study on the Solubilities of Mononitro-Substituted Products of Nitration of m-Toluic Acid in Several Solvents at Temperatures between 297.65 and 351.75 K. <i>Journal of Chemical & Engineering Data</i> , 2017, 62, 3360-3367.	1.9	2