Mang Wang

List of Publications by Year
in descending order

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47	2,167	279798 23	223800 46
papers	citations	h-index	g-index

48	48	48	1927
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Trifluoromethyltrimethylsilane: Nucleophilic Trifluoromethylation and Beyond. Chemical Reviews, 2015, 115, 683-730.	47.7	920
2	In Situ Generation of PhI⁺CF₃ and Transitionâ€Metalâ€Free Oxidative sp² Cï£¿H Trifluoromethylation. Chemistry - A European Journal, 2013, 19, 9104-9109.	3.3	86
3	Palladiumâ€Catalyzed Cï£¿S Activation/Aryne Insertion/Coupling Sequence: Synthesis of Functionalized 2â€Quinolinones. Angewandte Chemie - International Edition, 2014, 53, 3442-3446.	13.8	83
4	Oneâ€Pot Synthesis of Polyfunctionalized 4Hâ€Chromenes and Dihydrocoumarins Based on Copper(II) Bromideâ€Catalyzed Cï£¿C Coupling of Benzylic Alcohols with Ketene Dithioacetals. Advanced Synthesis and Catalysis, 2010, 352, 1593-1599.	4.3	71
5	Copper(II)â€Catalyzed Cï£¿C Bondâ€Forming Reactions of Î±â€Electronâ€Withdrawing Groupâ€Substituted Ketene S,Sâ€Acetals with Carbonyl Compounds and a Facile Synthesis of Coumarins. Advanced Synthesis and Catalysis, 2009, 351, 112-116.	4.3	57
6	Pd-Catalyzed Câ€“S Activation for [3 + 3] Annulation of 2-(Methylthio)benzofuran-3-carboxylates and 2-Hydroxyphenylboronic Acids: Synthesis of Coumestan Derivatives. Journal of Organic Chemistry, 2013, 78, 7293-7297.	3.2	53
7	Copper(II) Bromide/Boron Trifluoride Etherateâ€Cocatalyzed Cyclization of Ketene Dithioacetals and pâ€Quinones: a Mild and General Approach to Polyfunctionalized Benzofurans. Advanced Synthesis and Catalysis, 2010, 352, 884-892.	4.3	49
8	Synthesis of Chloro(phenyl)trifluoromethyliodane and Catalyst-Free Electrophilic Trifluoromethylations. Organic Letters, 2018, 20, 3933-3937.	4.6	49
9	Tandem Nazarov cyclizationâ€“halovinylation of divinyl ketones under Vilsmeier conditions: synthesis of highly substituted cyclopentadienes. Chemical Communications, 2010, 46, 2247.	4.1	43
10	Catalytic Domino Reaction of Ketones/Aldehydes with Me₃SiCF₂Br for the Synthesis of Î±-Fluoroenones/Î±-Fluoroenals. Organic Letters, 2015, 17, 1712-1715.	4.6	41
11	Controlled Ring-Opening of Siloxydifluorocyclopropanes for Carbocyclization: Synthesis of Difluorocyclopentenones. Organic Letters, 2016, 18, 3414-3417.	4.6	37
12	Transformations based on ring-opening of gem -difluorocyclopropanes. Tetrahedron Letters, 2017, 58, 1806-1816.	1.4	37
13	Electrophilic N-Trifluoromethylation of Nâ€“H Ketimines. Journal of Organic Chemistry, 2015, 80, 8910-8915.	3.2	33
14	Iodineâ€Catalyzed Intramolecular Oxidative Thiolation of Vinylic Carbonâ€Hydrogen Bonds via Tandem Iodocyclization and Dehydroiodination: Construction of 2â€Methyleneâ€3â€thiophenones. Advanced Synthesis and Catalysis, 2014, 356, 743-748.	4.3	32
15	Tandem [4 + 1 + 1] annulation and metal-free aerobic oxidative aromatization: straightforward synthesis of highly substituted phenols from one aldehyde and two ketones. Chemical Communications, 2010, 46, 9061.	4.1	31
16	Tin Tetrachlorideâ€Catalyzed Regiospecific Allylic Substitution of Quinone Monoketals: An Easy Entry to Benzofurans and Coumestans. Advanced Synthesis and Catalysis, 2012, 354, 2678-2682.	4.3	31
17	Pd-Catalyzed Câ€“S Activation/Isocyanide Insertion/Hydrogenation Enables a Selective Aerobic Oxidation/Cyclization. Organic Letters, 2016, 18, 3984-3987.	4.6	30
18	Ring-Opening Diarylation of Siloxydifluorocyclopropanes by Ag(I) Catalysis: Stereoselective Construction of 2-Fluoroallylic Scaffold. Organic Letters, 2017, 19, 6542-6545.	4.6	28

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19	Me₃SiCF₂Br-Self-Assisted Domino Reaction: Catalytic Synthesis of Î±,Î±-Difluorocyclopentanones from Methylvinylketones. Organic Letters, 2017, 19, 1850-1853.	4.6	27
20	Tandem Thien- and Benzannulations of Î±-Alkenoyl-Î±-alkynyl Ketene Dithioacetates: Synthesis of Functionalized Benzo[b]thiophenes. Organic Letters, 2015, 17, 1746-1749.	4.6	26
21	A direct catalytic ring expansion approach to o-fluoronaphthols and o/p-fluorophenols from indanones and 2-cyclopentenones. Chemical Communications, 2015, 51, 15362-15365.	4.1	25
22	IODODECARBOXYLATION OF Î±-CARBOXYLATE, Î±-CINNAMOYL KETENE CYCLIC DITHIOACETALS. Synthetic Communications, 2002, 32, 3437-3443.	2.1	24
23	Copper(I)-Catalyzed Heterocyclization of Î±-Acyl-Î±-alkynyl Ketene Dithioacetals: Synthesis of 3-Cyanofurans. Organic Letters, 2016, 18, 2162-2165.	4.6	23
24	An Nâ€Trifluoromethylation/Cyclization Strategy for Accessing Diverse Nâ€Trifluoromethyl Azoles from Nitriles and 1,3â€Dipoles. Angewandte Chemie - International Edition, 2022, 61, .	13.8	23
25	Catalyst-free and selective trifluoromethylative cyclization of acryloanilides using PhICF₃Cl. Organic and Biomolecular Chemistry, 2019, 17, 4593-4599.	2.8	22
26	Palladium-catalyzed oxidative Câ€“O cross-coupling of ketene dithioacetals and carboxylic acids. RSC Advances, 2014, 4, 6564.	3.6	21
27	Alternative Palladiumâ€Catalyzed Vinylic Câˆ’H Difluoroalkylation of Ketene Dithioacetals Using Bromodifluoroacetate Derivatives. Advanced Synthesis and Catalysis, 2018, 360, 1414-1419.	4.3	21
28	Copperâ€Catalyzed Aerobic Oxidation of Azinylmethanes for Access to Trifluoromethylazinylols. Chinese Journal of Chemistry, 2016, 34, 519-523.	4.9	20
29	Recent Advances in Metalâ€Catalyzed Bondâ€Forming Reactions of Ketene S,Sâ€Acetals. Advanced Synthesis and Catalysis, 2019, 361, 1208-1229.	4.3	19
30	Synthesis of 2,2-Difluorinated 4-Isoflavanols/4-Thioisoflavanols via a Base-Catalyzed [4 + 2] Annulation Reaction of gem-Difluoroolefins. Journal of Organic Chemistry, 2017, 82, 11348-11357.	3.2	18
31	Divergent Reactivity in the Reaction of Î²-Oxodithioesters and Hydroxylamine: Access to Î²-Ketonitriles and Isoxazoles. Journal of Organic Chemistry, 2015, 80, 11138-11142.	3.2	17
32	Trifluoromethylations of Alkenes Using PhICF₃Cl as Bifunctional Reagent. Journal of Organic Chemistry, 2019, 84, 14209-14216.	3.2	16
33	Aryltrifluoromethylative cyclization of unactivated alkenes by the use of PhICF3Cl under catalyst-free conditions. Organic and Biomolecular Chemistry, 2019, 17, 2162-2168.	2.8	16
34	Hydrobromic acid-catalyzed Friedelâ€“Crafts type reactions of naphthols. RSC Advances, 2014, 4, 1559-1562.	3.6	15
35	Synthesis of N-CF₃ Amidines/Imidates/Thioimidates via N-CF₃ Nitrilium Ions. Organic Letters, 2022, 24, 2393-2398.	4.6	14
36	Synthesis of 2â€Benzylthioâ€5â€phenylâ€3,4â€disubstituted Thiophenes by Intramolecular Condensation of Î±â€Oxo Ketene Dibenzylâ€thioacetals. Chinese Journal of Chemistry, 2002, 20, 1591-1597.	4.9	13

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37	ZnI₂-Catalyzed Aminotrifluoromethylation Cyclization of Alkenes Using PhICF₃Cl. Journal of Organic Chemistry, 2021, 86, 1987-1999.	3.2	13
38	Annulations of Î±â€Carbamoyl Ketene Dithioacetals with Dicarboxylic Acid Dichlorides: Synthesis of Functionalized Pyrrolidinetriones and Piperidinetriones. European Journal of Organic Chemistry, 2014, 2014, 797-801.	2.4	11
39	Defluorinative Ringâ€Opening Indolylation of Siloxydifluorocyclopropanes: Controlled Synthesis of Î±â€Fluoroâ€Î²â€Indolylâ€Propanones for Carbazole Construction. Advanced Synthesis and Catalysis, 2020, 362, 5135-5140.	4.3	11
40	Azo-coupling Decarboxylation Reaction ofÎ±-Carboxy Ketene Dithioacetals in Waterâ€“a New Route to 1,2-Diaza-1,3-butadienes. Chinese Journal of Chemistry, 2006, 24, 1431-1434.	4.9	10
41	The Alkoxy Substitution Reaction on Î±-Oxo Ketene Dithioacetals: A New Access to Î±-Oxo Ketene O,S-/O,O-Acetals. Synthetic Communications, 2004, 34, 287-295.	2.1	7
42	Sulfuric Acidâ€Catalyzed Regioselective Alkylation of Indoles and Î²â€Naphthols with Ketene Dithioacetalâ€Based Allylic Alcohols. European Journal of Organic Chemistry, 2011, 2011, 2466-2473.	2.4	7
43	An Nâ€Trifluoromethylation/Cyclization Strategy for Accessing Diverse Nâ€Trifluoromethyl Azoles from Nitriles and 1,3â€Dipoles. Angewandte Chemie, 0, , .	2.0	6
44	Radical hydrotrifluoromethylation of ynamides: a route toward Î²-CF₃enamides. Organic Chemistry Frontiers, 2022, 9, 2169-2175.	4.5	5
45	Copper-Catalyzed Ring-Opening Defluorinative Alkylation of Siloxydifluorocyclopropanes: Synthesis of Î³-Fluoro-Î´-Ketoesters and Î³,Î´-Diketonitriles. Journal of Organic Chemistry, 2020, 85, 12408-12417.	3.2	4
46	Difluorohomologization-Halogenation of Methyl Ketones: One-Pot Synthesis of Î²-Halo-Î±,Î±-Difluoroketones. Acta Chimica Sinica, 2018, 76, 983.	1.4	3
47	Reassembly and functionalization ofN-CF₃pyridinium salts: synthesis of nicotinaldehydes. Organic Chemistry Frontiers, 2022, 9, 4549-4553.	4.5	3