

Song Song

List of Publications by Year in descending order

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Mn-Catalyzed Highly Efficient Aerobic Oxidative Hydroxyazidation of Olefins: A Direct Approach to β -Azido Alcohols. <i>Journal of the American Chemical Society</i> , 2015, 137, 6059-6066.	13.7	269
2	Efficient and Practical Oxidative Bromination and Iodination of Arenes and Heteroarenes with DMSO and Hydrogen Halide: A Mild Protocol for Late-Stage Functionalization. <i>Organic Letters</i> , 2015, 17, 2886-2889.	4.6	206
3	Iridium-Catalyzed Enantioselective Hydrogenation of α,β -Unsaturated Carboxylic Acids. <i>Journal of the American Chemical Society</i> , 2008, 130, 8584-8585.	13.7	156
4	Cs ₂ CO ₃ -Catalyzed Aerobic Oxidative Cross-Dehydrogenative Coupling of Thiols with Phosphonates and Arenes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 2487-2491.	13.8	145
5	Conversion of Simple Cyclohexanones into Catechols. <i>Journal of the American Chemical Society</i> , 2016, 138, 12271-12277.	13.7	141
6	DMSO-catalysed late-stage chlorination of (hetero)arenes. <i>Nature Catalysis</i> , 2020, 3, 107-115.	34.4	122
7	Enantioselective Hydrogenation of α -Aryloxy and α -Alkoxy α,β -Unsaturated Carboxylic Acids Catalyzed by Chiral Spiro Iridium/Phosphino-Oxazoline Complexes. <i>Journal of the American Chemical Society</i> , 2010, 132, 1172-1179.	13.7	105
8	Carboxy-Directed Asymmetric Hydrogenation of 1,1-Diarylethenes and 1,1-Dialkylethenes. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1556-1559.	13.8	102
9	From alkylarenes to anilines via site-directed carbon-carbon amination. <i>Nature Chemistry</i> , 2019, 11, 71-77.	13.6	102
10	Nitromethane as a nitrogen donor in Schmidt-type formation of amides and nitriles. <i>Science</i> , 2020, 367, 281-285.	12.6	81
11	From simple organobromides or olefins to highly value-added bromohydrins: a versatile performance of dimethyl sulfoxide. <i>Green Chemistry</i> , 2015, 17, 2727-2731.	9.0	80
12	Monomer Emission and Aggregate Emission of TPE Derivatives in the Presence of β -Cyclodextrin. <i>Organic Letters</i> , 2014, 16, 2170-2173.	4.6	77
13	Iridium-Catalyzed Enantioselective Hydrogenation of Unsaturated Heterocyclic Acids. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6072-6075.	13.8	69
14	Electrochemically Oxidative C-C Bond Cleavage of Alkylarenes for Anilines Synthesis. <i>ACS Catalysis</i> , 2019, 9, 2063-2067.	11.2	69
15	Efficient and practical synthesis of unsymmetrical disulfides via base-catalyzed aerobic oxidative dehydrogenative coupling of thiols. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2220-2225.	4.5	66
16	Enantioselective Iridium-Catalyzed Hydrogenation of α,β -Unsaturated Carboxylic Acids: An Efficient Approach to Chiral α -Alkyl α -Caryl Butanoic Acids. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 2708-2711.	13.8	62
17	Iridium-Catalyzed Enantioselective Hydrogenation of α,β -Unsaturated Carboxylic Acids with Tetrasubstituted Olefins. <i>Organic Letters</i> , 2013, 15, 3722-3725.	4.6	45
18	Oxoammonium salts are catalysing efficient and selective halogenation of olefins, alkynes and aromatics. <i>Nature Communications</i> , 2021, 12, 3873.	12.8	41

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19	Catalytic Electrophilic Halogenation of Arenes with Electron-Withdrawing Substituents. <i>Journal of the American Chemical Society</i> , 2022, 144, 13415-13425.	13.7	40
20	Cs ₂ CO ₃ -Catalyzed Aerobic Oxidative Cross-Dehydrogenative Coupling of Thiols with Phosphonates and Arenes. <i>Angewandte Chemie</i> , 2017, 129, 2527-2531.	2.0	32
21	Microtubes and hollow microspheres formed by winding of nanoribbons from self-assembly of tetraphenylethylene amide macrocycles. <i>Chemical Communications</i> , 2014, 50, 15212-15215.	4.1	26
22	A metal-free desulfurizing radical reductive C–C coupling of thiols and alkenes. <i>Chemical Communications</i> , 2019, 55, 10583-10586.	4.1	25
23	Oxygenation of Simple Olefins through Selective Allylic C–C Bond Cleavage: A Direct Approach to Cinnamyl Aldehydes. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11940-11944.	13.8	22
24	Carboxyl Group-Directed Iridium-Catalyzed Enantioselective Hydrogenation of Aliphatic β -Ketoacids. <i>ACS Catalysis</i> , 2020, 10, 10032-10039.	11.2	22
25	Acetonitrile Activation: An Effective Two-Carbon Unit for Cyclization. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4376-4380.	13.8	21
26	Nitromethane-Enabled Fluorination of Styrenes and Arenes. <i>CCS Chemistry</i> , 2020, 2, 566-575.	7.8	17
27	Supramolecular hydrogel based on amphiphilic calix[4]arene and its application in the synthesis of silica nanotubes. <i>RSC Advances</i> , 2014, 4, 24909-24913.	3.6	16
28	Synthesis of Chiral α -Benzyl- β -hydroxy Carboxylic Acids through Iridium-Catalyzed Asymmetric Hydrogenation of α -Oxymethylcinnamic Acids. <i>Chinese Journal of Chemistry</i> , 2014, 32, 783-787.	4.9	15
29	Intramolecular Csp ³ –H/C–C bond amination of alkyl azides for the selective synthesis of cyclic imines and tertiary amines. <i>Chemical Science</i> , 2020, 11, 4482-4487.	7.4	14
30	Cu(I)-Catalyzed [2 + 2 + 1] Cycloaddition of Amines, Alkynes, and Ketenes: An Umpolung and Regioselective Approach to Full-Substituted β -Pyrrolinones. <i>Organic Letters</i> , 2021, 23, 762-766.	4.6	13
31	Selective Carbon–Carbon Bond Amination with Redox-Active Aminating Reagents: A Direct Approach to Anilines. <i>Chinese Journal of Chemistry</i> , 2021, 39, 3011.	4.9	8
32	Electrophilic amidomethylation of arenes with DMSO/MeCN reagents. <i>Organic Chemistry Frontiers</i> , 2022, 9, 2430-2437.	4.5	6
33	Oxidative β -Halogenation of Alcohols: A Concise and Diastereoselective Approach to Halohydrins. <i>Synlett</i> , 2019, 30, 437-441.	1.8	5
34	Oxygenation of Simple Olefins through Selective Allylic C–C Bond Cleavage: A Direct Approach to Cinnamyl Aldehydes. <i>Angewandte Chemie</i> , 2017, 129, 12102-12106.	2.0	2