Jian Jin

List of Publications by Year in descending order

24 papers	2,113 citations	516710 16 h-index	610901 24 g-index
31 all docs	31 docs citations	31 times ranked	2236 citing authors

#	Article	IF	Citations
1	Facile Synthesis of Î³-Butenolides and Maleic Anhydrides via Annulation of Î±-Keto Acids and Triazenyl Alkynes. Journal of Organic Chemistry, 2022, , .	3.2	5
2	Nickel-Catalyzed N-Arylation of Diarylamines for Triarylamine Synthesis. Organometallics, 2022, 41, 509-513.	2.3	4
3	Nickel-Catalyzed Reductive Cross-Coupling of Aryl Bromides with Vinyl Acetate in Dimethyl Isosorbide as a Sustainable Solvent. Organic Letters, 2022, 24, 354-358.	4.6	15
4	Photo-induced synthesis of Î²-sulfonyl imides from carboxylic acids. Chemical Communications, 2021, 57, 6792-6795.	4.1	5
5	Visible-Light-Induced Î±-Amino Câ€“H Bond Arylation Enabled by Electron Donorâ€“Acceptor Complexes. Organic Letters, 2021, 23, 3913-3918.	4.6	22
6	Visible Light-Promoted Magnesium, Iron, and Nickel Catalysis Enabling C(sp³)â€“H Lactonization of 2-Alkylbenzoic Acids. Organic Letters, 2021, 23, 5842-5847.	4.6	14
7	Photoredox Catalytic Trifluoromethylation and Perfluoroalkylation of Arenes Using Trifluoroacetic and Related Carboxylic Acids. Cell Reports Physical Science, 2020, 1, 100141.	5.6	40
8	Nickelâ€Catalyzed Amination of (Hetero)aryl Halides Facilitated by a Catalytic Pyridinium Additive. Chemistry - A European Journal, 2020, 26, 12349-12354.	3.3	10
9	Intramolecular Aromatic Câ€“H Acyloxylation Enabled by Iron Photocatalysis. Organic Letters, 2020, 22, 1385-1389.	4.6	75
10	Recent Advances in Transition Metal-Catalyzed Cross-Coupling Reactions Directly Promoted by Visible Light. Chinese Journal of Organic Chemistry, 2020, 40, 563.	1.3	17
11	Green oxidant ₂O₂ as a hydrogen atom transfer reagent for visible light-mediated Minisci reaction. New Journal of Chemistry, 2019, 43, 12533-12537.	2.8	37
12	Transitionâ€Metalâ€Free Dehydrogenative Nâ€“N Coupling of Secondary Amines with KI/KIO₄. European Journal of Organic Chemistry, 2019, 2019, 5646-5649.	2.4	19
13	Decarboxylative Câ€“C and Câ€“N Bond Formation by Ligandâ€Accelerated Iron Photocatalysis. European Journal of Organic Chemistry, 2019, 2019, 6728-6732.	2.4	64
14	Visible Light-Promoted Aliphatic Câ€“H Arylation Using Selectfluor as a Hydrogen Atom Transfer Reagent. Organic Letters, 2019, 21, 6179-6184.	4.6	87
15	Ligand-Accelerated Iron Photocatalysis Enabling Decarboxylative Alkylation of Heteroarenes. Organic Letters, 2019, 21, 4259-4265.	4.6	103
16	Zwitterionic Nanohydrogel Grafted PVDF Membranes with Comprehensive Antifouling Property and Superior Cycle Stability for Oilâ€inâ€Water Emulsion Separation. Advanced Functional Materials, 2018, 28, 1804121.	14.9	379
17	Alcohols as alkylating agents in heteroarene Câ€“H functionalization. Nature, 2015, 525, 87-90.	27.8	581
18	Direct Î±â€Arylation of Ethers through the Combination of Photoredoxâ€Mediated Cï£¿H Functionalization and the Minisci Reaction. Angewandte Chemie - International Edition, 2015, 54, 1565-1569.	13.8	383

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19	Total Synthesis of Amphidinolide T3 Using Ring-Closing Metathesis and Asymmetric Dihydroxylation Strategy. Synlett, 2011, 2011, 895-898.	1.8	1
20	Synthesis of the ABCDEFG Ring System of Maitotoxin. Journal of the American Chemical Society, 2010, 132, 6855-6861.	13.7	62
21	Total Synthesis of Amphidinolide X and Its 12Z-Isomer by Formation of the C12-C13 Trisubstituted Double Bond via Ring-Closing Metathesis. Synlett, 2008, 2008, 1737-1741.	1.8	24
22	Total Synthesis of Amphidinolide Y by Formation of Trisubstituted (E)-Double Bond via Ring-Closing Metathesis of Densely Functionalized AlkenesÂ§. Organic Letters, 2007, 9, 2585-2588.	4.6	60
23	A New Synthesis of Tetrahydrofuran Fragment of Amphidinolides X and Y. Synlett, 2006, 2006, 1177-1180.	1.8	4
24	C60 based nanoparticles: self-assembly of a novel fullerene derivative. New Journal of Chemistry, 2001, 25, 670-672.	2.8	19