

# Jian Jin

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

2,113  
citations

516710

16  
h-index

610901

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g-index

31  
all docs

31  
docs citations

31  
times ranked

2236  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alcohols as alkylating agents in heteroarene C-H functionalization. <i>Nature</i> , 2015, 525, 87-90.	27.8	581
2	Direct Arylation of Ethers through the Combination of Photoredox-Mediated C-H Functionalization and the Minisci Reaction. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 1565-1569.	13.8	383
3	Zwitterionic Nanohydrogel Grafted PVDF Membranes with Comprehensive Antifouling Property and Superior Cycle Stability for Oil-in-Water Emulsion Separation. <i>Advanced Functional Materials</i> , 2018, 28, 1804121.	14.9	379
4	Ligand-Accelerated Iron Photocatalysis Enabling Decarboxylative Alkylation of Heteroarenes. <i>Organic Letters</i> , 2019, 21, 4259-4265.	4.6	103
5	Visible Light-Promoted Aliphatic C-H Arylation Using Selectfluor as a Hydrogen Atom Transfer Reagent. <i>Organic Letters</i> , 2019, 21, 6179-6184.	4.6	87
6	Intramolecular Aromatic C-H Acyloxylation Enabled by Iron Photocatalysis. <i>Organic Letters</i> , 2020, 22, 1385-1389.	4.6	75
7	Decarboxylative C-C and C-N Bond Formation by Ligand-Accelerated Iron Photocatalysis. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6728-6732.	2.4	64
8	Synthesis of the ABCDEFG Ring System of Maitotoxin. <i>Journal of the American Chemical Society</i> , 2010, 132, 6855-6861.	13.7	62
9	Total Synthesis of Amphidinolide Y by Formation of Trisubstituted (E)-Double Bond via Ring-Closing Metathesis of Densely Functionalized Alkenes. <i>Organic Letters</i> , 2007, 9, 2585-2588.	4.6	60
10	Photoredox Catalytic Trifluoromethylation and Perfluoroalkylation of Arenes Using Trifluoroacetic and Related Carboxylic Acids. <i>Cell Reports Physical Science</i> , 2020, 1, 100141.	5.6	40
11	Green oxidant H <sub>2</sub> O <sub>2</sub> as a hydrogen atom transfer reagent for visible light-mediated Minisci reaction. <i>New Journal of Chemistry</i> , 2019, 43, 12533-12537.	2.8	37
12	Total Synthesis of Amphidinolide X and Its 12Z-Isomer by Formation of the C12-C13 Trisubstituted Double Bond via Ring-Closing Metathesis. <i>Synlett</i> , 2008, 2008, 1737-1741.	1.8	24
13	Visible-Light-Induced $\alpha$ -Amino C-H Bond Arylation Enabled by Electron Donor-Acceptor Complexes. <i>Organic Letters</i> , 2021, 23, 3913-3918.	4.6	22
14	C60 based nanoparticles: self-assembly of a novel fullerene derivative. <i>New Journal of Chemistry</i> , 2001, 25, 670-672.	2.8	19
15	Transition-Metal-Free Dehydrogenative N-N Coupling of Secondary Amines with KI/KIO <sub>4</sub> . <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5646-5649.	2.4	19
16	Recent Advances in Transition Metal-Catalyzed Cross-Coupling Reactions Directly Promoted by Visible Light. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 563.	1.3	17
17	Nickel-Catalyzed Reductive Cross-Coupling of Aryl Bromides with Vinyl Acetate in Dimethyl Isosorbide as a Sustainable Solvent. <i>Organic Letters</i> , 2022, 24, 354-358.	4.6	15
18	Visible Light-Promoted Magnesium, Iron, and Nickel Catalysis Enabling C <sup>3</sup> -H Lactonization of 2-Alkylbenzoic Acids. <i>Organic Letters</i> , 2021, 23, 5842-5847.	4.6	14

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19	Nickel-Catalyzed Amination of (Hetero)aryl Halides Facilitated by a Catalytic Pyridinium Additive. Chemistry - A European Journal, 2020, 26, 12349-12354.	3.3	10
20	Photo-induced synthesis of $\beta$ -sulfonyl imides from carboxylic acids. Chemical Communications, 2021, 57, 6792-6795.	4.1	5
21	Facile Synthesis of $\beta$ -Butenolides and Maleic Anhydrides via Annulation of $\alpha$ -Keto Acids and Triazenyl Alkynes. Journal of Organic Chemistry, 2022, , .	3.2	5
22	A New Synthesis of Tetrahydrofuran Fragment of Amphidinolides X and Y. Synlett, 2006, 2006, 1177-1180.	1.8	4
23	Nickel-Catalyzed <i>N</i> -Arylation of Diarylamines for Triarylamine Synthesis. Organometallics, 2022, 41, 509-513.	2.3	4
24	Total Synthesis of Amphidinolide T3 Using Ring-Closing Metathesis and Asymmetric Dihydroxylation Strategy. Synlett, 2011, 2011, 895-898.	1.8	1