

Tian Qin

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

3,564
citations

331259

21
h-index

580395

25
g-index

29
all docs

29
docs citations

29
times ranked

2813
citing authors

#	ARTICLE	IF	CITATIONS
1	A general alkyl-alkyl cross-coupling enabled by redox-active esters and alkylzinc reagents. <i>Science</i> , 2016, 352, 801-805.	6.0	579
2	Practical olefin hydroamination with nitroarenes. <i>Science</i> , 2015, 348, 886-891.	6.0	387
3	Practical Ni-Catalyzed Aryl-Alkyl Cross-Coupling of Secondary Redox-Active Esters. <i>Journal of the American Chemical Society</i> , 2016, 138, 2174-2177.	6.6	371
4	Fe-Catalyzed C-C Bond Construction from Olefins via Radicals. <i>Journal of the American Chemical Society</i> , 2017, 139, 2484-2503.	6.6	301
5	Decarboxylative alkenylation. <i>Nature</i> , 2017, 545, 213-218.	13.7	277
6	Nickel-Catalyzed Barton Decarboxylation and Giese Reactions: A Practical Take on Classic Transforms. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 260-265.	7.2	229
7	Nickel-Catalyzed Cross-Coupling of Redox-Active Esters with Boronic Acids. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9676-9679.	7.2	175
8	Modular radical cross-coupling with sulfones enables access to sp ³ -rich (fluoro)alkylated scaffolds. <i>Science</i> , 2018, 360, 75-80.	6.0	167
9	A Radical Approach to Anionic Chemistry: Synthesis of Ketones, Alcohols, and Amines. <i>Journal of the American Chemical Society</i> , 2019, 141, 6726-6739.	6.6	148
10	Decarboxylative Alkynylation. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11906-11910.	7.2	136
11	Cu-Catalyzed Decarboxylative Borylation. <i>ACS Catalysis</i> , 2018, 8, 9537-9542.	5.5	126
12	Kinetically guided radical-based synthesis of C(sp ³)-C(sp ³) linkages on DNA. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E6404-E6410.	3.3	124
13	<i>Mycobacterium tuberculosis</i> Sulfolipid-1 Activates Nociceptive Neurons and Induces Cough. <i>Cell</i> , 2020, 181, 293-305.e11.	13.5	88
14	Quaternary Centers by Nickel-Catalyzed Cross-Coupling of Tertiary Carboxylic Acids and (Hetero)Aryl Zinc Reagents. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2454-2458.	7.2	76
15	An intramolecular coupling approach to alkyl bioisosteres for the synthesis of multisubstituted bicycloalkyl boronates. <i>Nature Chemistry</i> , 2021, 13, 950-955.	6.6	72
16	Building C(sp ³)-rich complexity by combining cycloaddition and C-C cross-coupling reactions. <i>Nature</i> , 2018, 560, 350-354.	13.7	68
17	Practical and Modular Construction of C(sp ³)-Rich Alkyl Boron Compounds. <i>Journal of the American Chemical Society</i> , 2021, 143, 471-480.	6.6	59
18	Mutations linked to neurological disease enhance self-association of low-complexity protein sequences. <i>Science</i> , 2022, 377, .	6.0	41

#	ARTICLE	IF	CITATIONS
19	Modular, stereocontrolled C ¹ -H/C ² -C activation of alkyl carboxylic acids. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8721-8727.	3.3	39
20	CITU: A Peptide and Decarboxylative Coupling Reagent. Organic Letters, 2017, 19, 6196-6199.	2.4	31
21	Sulfur(IV)-Mediated Unsymmetrical Heterocycle Cross-Couplings. Angewandte Chemie - International Edition, 2020, 59, 7372-7376.	7.2	29
22	Quaternary Centers by Nickel-Catalyzed Cross-Coupling of Tertiary Carboxylic Acids and (Hetero)Aryl Zinc Reagents. Angewandte Chemie, 2019, 131, 2476-2480.	1.6	17
23	Characterization of the endogenous DAF-12 ligand and its use as an anthelmintic agent in <i>Strongyloides stercoralis</i> . ELife, 2021, 10, .	2.8	11
24	Sulfur(IV)-Mediated Unsymmetrical Heterocycle Cross-Couplings. Angewandte Chemie, 2020, 132, 7442-7446.	1.6	8
25	Unsymmetrical Heterocycle Cross-Couplings Enabled by Sulfur(IV) Reagents. Synlett, 2020, 31, 1962-1966.	1.0	2