

# Xiaodong Tang

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

45 papers	2,015 citations	24 h-index	44 g-index
49 ext. papers	2,302 ext. citations	5.2 avg, IF	5.04 L-index

#	Paper	IF	Citations
45	Copper-Mediated Decarboxylative Coupling of 3-Indoleacetic Acids with Pyrazolones.. <i>ACS Omega</i> , <b>2022</b> , 7, 5274-5282	3.9	1
44	Copper-Mediated Decarboxylative Coupling between Arylacetic Acids and 1,3-Dicarbonyl Compounds. <i>Organic Letters</i> , <b>2021</b> , 23, 7878-7882	6.2	3
43	Synthesis of 3,4,5-Triarylcyclohexanones from Dienones and 2-Methylquinolines Based on a [5+1] Annulation. <i>ChemistrySelect</i> , <b>2021</b> , 6, 10802-10805	1.8	1
42	Metal-free synthesis of 1,4-benzodiazepines and quinazolinones from hexafluoroisopropyl 2-aminobenzoates at room temperature.. <i>RSC Advances</i> , <b>2021</b> , 11, 4966-4970	3.7	2
41	Rapid assembly of $\beta$ -ketoamides through a decarboxylative strategy of isocyanates with $\beta$ -oxocarboxylic acids under mild conditions. <i>Organic and Biomolecular Chemistry</i> , <b>2021</b> , 19, 4783-4787	3.9	1
40	Copper-Catalyzed C-3 Functionalization of Imidazo[1,2-]pyridines with 3-Indoleacetic Acids. <i>Journal of Organic Chemistry</i> , <b>2021</b> , 86, 12394-12402	4.2	8
39	Tenovin-1 inhibited dengue virus replication through SIRT2. <i>European Journal of Pharmacology</i> , <b>2021</b> , 907, 174264	5.3	1
38	Copper-Mediated Decarboxylative Sulfonylation of Arylacetic Acids with Sodium Sulfinates. <i>Organic Letters</i> , <b>2020</b> , 22, 7164-7168	6.2	7
37	N-Heterocyclic carbene copper catalyzed quinoline synthesis from 2-aminobenzyl alcohols and ketones using DMSO as an oxidant at room temperature.. <i>RSC Advances</i> , <b>2019</b> , 9, 28764-28767	3.7	9
36	Direct Alkenylation of 2-Methylquinolines with Aldehydes through Synergistic Catalysis of 1,3-Dimethylbarbituric Acid and HOAc. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 3619-3623	5.6	9
35	DMSO/H <sub>2</sub> O <sub>2</sub> Promoted Regioselective Synthesis of Benzoimidazo[2,1-b]thiazoles from 2-Mercaptobenzimidazoles and Ketones in Water. <i>Advanced Synthesis and Catalysis</i> , <b>2019</b> , 361, 5144-5148	5.6	7
34	Acid-Catalyzed Synthesis of Quinoline Derivatives from 2-Methylquinolines and 2-Aryloxy/Alkoxybenzaldehyde in Aqueous Medium. <i>European Journal of Organic Chemistry</i> , <b>2019</b> , 2019, 7452-7462	3.2	8
33	GLP-1 Receptor Activation Abrogates $\beta$ -Cell Dysfunction by PKA $\beta$ -Mediated Degradation of Thioredoxin Interacting Protein. <i>Frontiers in Pharmacology</i> , <b>2019</b> , 10, 1230	5.6	7
32	Copper-catalyzed aerobic oxidative cyclization protocol for the synthesis of quinazolines via amination of C(sp <sup>3</sup> )-H bonds of methylazaarenes. <i>Tetrahedron</i> , <b>2019</b> , 75, 130783	2.4	10
31	Access to Amidines and Arylbenzimidazoles: Zinc-Promoted Rearrangement of Oxime Acetates. <i>Advanced Synthesis and Catalysis</i> , <b>2018</b> , 360, 2020-2031	5.6	10
30	Copper-Catalyzed Oxidative Carbon-Carbon and/or Carbon-Heteroatom Bond Formation with O or Internal Oxidants. <i>Accounts of Chemical Research</i> , <b>2018</b> , 51, 1092-1105	24.3	125
29	Copper-Catalyzed Aerobic Oxidative [3+2] Annulation for the Synthesis of 5-Amino/Imino-Substituted 1,2,4-Thiadiazoles through C-N/N-S Bond Formation. <i>Journal of Organic Chemistry</i> , <b>2018</b> , 83, 9334-9343	4.2	11

28	Efficient sulfonylation of ketones with sodium sulfinates for the synthesis of $\beta$ -keto sulfones. <i>Tetrahedron Letters</i> , <b>2018</b> , 59, 3955-3957	2	14
27	Palladium-Catalyzed Denitrogenative Synthesis of Aryl Ketones from Arylhydrazines and Nitriles Using O as Sole Oxidant. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 2211-2218	4.2	28
26	Synthesis of enaminones via copper-catalyzed decarboxylative coupling reaction under redox-neutral conditions. <i>Chemical Communications</i> , <b>2017</b> , 53, 3228-3231	5.8	60
25	Iron-Catalyzed Synthesis of 2H-Imidazoles from Oxime Acetates and Vinyl Azides under Redox-Neutral Conditions. <i>Organic Letters</i> , <b>2017</b> , 19, 1370-1373	6.2	64
24	Pd-catalyzed desulfinitative arylation for the synthesis of 2,5-diarylated oxazole-4-carboxylates using dioxygen as the terminal oxidant. <i>Organic and Biomolecular Chemistry</i> , <b>2017</b> , 15, 8504-8507	3.9	6
23	Synthesis of pyrrolo[1,2-a]quinoxalines via copper or iron-catalyzed aerobic oxidative carboamination of sp <sup>3</sup> C-H bonds. <i>RSC Advances</i> , <b>2017</b> , 7, 44132-44135	3.7	17
22	Acid-mediated sulfonylation of arylethynylene bromides with sodium arylsulfinates: synthesis of (E)-1,2-bis(arylsulfonyl)ethylenes and arylacetylenic sulfones. <i>RSC Advances</i> , <b>2017</b> , 7, 36112-36116	3.7	15
21	Copper-Catalyzed Aerobic Oxidative Regioselective Thiocyanation of Aromatics and Heteroaromatics. <i>Journal of Organic Chemistry</i> , <b>2017</b> , 82, 9312-9320	4.2	66
20	Access to Thiazole via Copper-Catalyzed [3+1+1]-Type Condensation Reaction under Redox-Neutral Conditions. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 11461-11466	4.2	49
19	Metal-Free Catalyzed Regioselective Allylic Trifluoromethanesulfonylation of Aromatic Allylic Alcohols with Sodium Trifluoromethanesulfinate. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 1304-9	4.2	33
18	Palladium-Catalyzed C-H Functionalization of Aromatic Oximes: A Strategy for the Synthesis of Isoquinolines. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 1401-9	4.2	52
17	Divergent Syntheses of Isoquinolines and Indolo[1,2-a]quinazolines by Copper-Catalyzed Cascade Annulation from 2-Haloaryloxime Acetates with Active Methylene Compounds and Indoles. <i>Journal of Organic Chemistry</i> , <b>2016</b> , 81, 2053-61	4.2	33
16	Copper-Catalyzed Oxsulfonylation of Enolates with Sodium Sulfinates: A Strategy To Construct Sulfonylated Cyclic Ethers. <i>Organic Letters</i> , <b>2016</b> , 18, 1158-61	6.2	39
15	Copper-Catalyzed Coupling of Oxime Acetates with Isothiocyanates: A Strategy for 2-Aminothiazoles. <i>Organic Letters</i> , <b>2016</b> , 18, 180-3	6.2	82
14	Palladium-Catalyzed Desulfinitative Oxidative Coupling between Arenesulfinic Acid Salts and Allylic Alcohols: A Strategy for the Selective Construction of $\beta$ -Aryl Ketones and Aldehydes. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 8903-9	4.2	26
13	Cu-Catalyzed Three-Component Cascade Annulation Reaction: An Entry to Functionalized Pyridines. <i>Journal of Organic Chemistry</i> , <b>2015</b> , 80, 8763-71	4.2	82
12	Copper-Promoted Coupling of Carbon Dioxide and Propargylic Alcohols: Expansion of Substrate Scope and Trapping of Vinyl Copper Intermediate. <i>Advanced Synthesis and Catalysis</i> , <b>2015</b> , 357, 2556-2565	5.6	53
11	Chemoselective Synthesis of Unsymmetrical Internal Alkynes or Vinyl Sulfones via Palladium-Catalyzed Cross-Coupling Reaction of Sodium Sulfinates with Alkynes. <i>Advanced Synthesis and Catalysis</i> , <b>2014</b> , 356, 2029-2039	5.6	78

10	Copper-catalyzed coupling of oxime acetates with sodium sulfinates: an efficient synthesis of sulfone derivatives. <i>Angewandte Chemie - International Edition</i> , <b>2014</b> , 53, 4205-8	16.4	242
9	Transition-metal-free synthesis of vinyl sulfones via tandem cross-decarboxylative/coupling reactions of sodium sulfinates and cinnamic acids. <i>Green Chemistry</i> , <b>2014</b> , 16, 3720-3723	10	137
8	Practical synthesis of pyrazoles via a copper-catalyzed relay oxidation strategy. <i>Chemical Communications</i> , <b>2014</b> , 50, 14793-6	5.8	72
7	Innentitelbild: Copper-Catalyzed Coupling of Oxime Acetates with Sodium Sulfinates: An Efficient Synthesis of Sulfone Derivatives (Angew. Chem. 16/2014). <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4090-4090	3.6	
6	Copper-Catalyzed Coupling of Oxime Acetates with Sodium Sulfinates: An Efficient Synthesis of Sulfone Derivatives. <i>Angewandte Chemie</i> , <b>2014</b> , 126, 4289-4292	3.6	50
5	Efficient access to 1H-indazoles via copper-catalyzed cross-coupling/cyclization of 2-bromoaryl oxime acetates and amines. <i>Organic Chemistry Frontiers</i> , <b>2014</b> , 1, 1295-1298	5.2	35
4	Polystyrene-Supported N-Heterocyclic CarbeneSilver Complexes as Robust and Efficient Catalysts for the Reaction of Carbon Dioxide and Propargylic Alcohols. <i>Advanced Synthesis and Catalysis</i> , <b>2013</b> , 355, 2019-2028	5.6	76
3	Conversion of pyridine to imidazo[1,2-a]pyridines by copper-catalyzed aerobic dehydrogenative cyclization with oxime esters. <i>Organic Letters</i> , <b>2013</b> , 15, 6254-7	6.2	149
2	An efficient synthesis of polysubstituted pyrroles via copper-catalyzed coupling of oxime acetates with dialkyl acetylenedicarboxylates under aerobic conditions. <i>Chemical Communications</i> , <b>2013</b> , 49, 9597-9598	5.8	105
1	Copper-catalyzed sulfonamides formation from sodium sulfinates and amines. <i>Chemical Communications</i> , <b>2013</b> , 49, 6102-4	5.8	129