

# Tiebo Xiao

## List of Publications by Year in descending order

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31  
papers

1,422  
citations

516710

16  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

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times ranked

1329  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of Functionalized <i>gem</i> -Difluoroalkenes via a Photocatalytic Decarboxylative/Defluorinative Reaction. <i>Journal of Organic Chemistry</i> , 2016, 81, 7908-7916.	3.2	182
2	Synthesis of 6-substituted phenanthridines by metal-free, visible-light induced aerobic oxidative cyclization of 2-isocyanobiphenyls with hydrazines. <i>Green Chemistry</i> , 2014, 16, 2418-2421.	9.0	167
3	Phenanthrene Synthesis by Eosin Y-Catalyzed, Visible Light-Induced [4+2]-Benzannulation of Biaryldiazonium Salts with Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 3195-3199.	4.3	132
4	Blue light-promoted cross-coupling of aryldiazoacetates and diazocarbonyl compounds. <i>Chemical Communications</i> , 2018, 54, 8865-8868.	4.1	129
5	Metal-Free Visible-Light Induced Cross-Dehydrogenative Coupling of Tertiary Amines with Diazo Compounds. <i>Organic Letters</i> , 2014, 16, 4232-4235.	4.6	104
6	<i>gem</i> -Difluoroallylation of Aryl Diazoesters via Catalyst-Free, Blue-Light-Mediated Formal Doyle-Kirmse Reaction. <i>Organic Letters</i> , 2019, 21, 2654-2657.	4.6	93
7	Visible-Light-Mediated Two-Fold Unsymmetrical C(sp <sup>3</sup> )-H Functionalization and Double C-F Substitution. <i>Chemistry - A European Journal</i> , 2017, 23, 2249-2254.	3.3	85
8	Iminyl-Radical-Triggered C-C Bond Cleavage of Cycloketone Oxime Derivatives: Generation of Distal Cyano-Substituted Alkyl Radicals and Their Functionalization. <i>Synthesis</i> , 2020, 52, 1585-1601.	2.3	77
9	Synthesis of <i>N</i> -Containing Heterocyclic Compounds Using Visible-light Photoredox Catalysis. <i>Chemical Record</i> , 2016, 16, 319-334.	5.8	68
10	Copper-catalyzed synthesis of benzazoles via aerobic oxidative condensation of o-amino/mercaptan/hydroxyanilines with benzylamines. <i>RSC Advances</i> , 2013, 3, 15592.	3.6	48
11	Synthesis of Fluorinated Benzo[a]quinolizidines via Visible Light-Induced Tandem Substitution of Two Fluorine Atoms in a CF <sub>3</sub> Group. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3642-3647.	4.3	48
12	Benzofuran and indole synthesis via Cu-catalyzed coupling of <i>N</i> -tosylhydrazones and o-hydroxy or o-amino phenylacetylene. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1490-1497.	2.8	45
13	Ag(I)-Catalyzed Three-Component Reaction of 2-Alkynylbenzaldehydes, Amines, and Diazo Compounds. <i>Organic Letters</i> , 2015, 17, 4332-4335.	4.6	44
14	Synthesis of <i>gem</i> -Difluorinated Fused Quinolines via Visible Light-Mediated Cascade Radical Cyclization. <i>Organic Letters</i> , 2016, 18, 1004-1007.	4.6	38
15	Synthesis of 2-trifluoromethyl indoles via visible-light induced intramolecular radical cyclization. <i>RSC Advances</i> , 2015, 5, 39625-39629.	3.6	29
16	Silver-catalyzed geminal aminofluorination of diazoketones with anilines and <i>N</i> -fluorobenzenesulphonimide. <i>Organic Chemistry Frontiers</i> , 2017, 4, 529-533.	4.5	17
17	Redox-Neutral C1 Functionalization of Unprotected Tetrahydroisoquinolines with Diazo Carbonyl Compounds. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1204-1207.	2.7	16
18	Cu-catalyzed cross-coupling of terminal alkynes with dialkoxycarbenes: a general method for the synthesis of unsymmetrical propargylic acetals. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 6215-6222.	2.8	13

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19	Copper-catalyzed cross-coupling and sequential allene-mediated cyclization for the synthesis of 1,2,3-triazolo[1,5-a]quinolines. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 7174-7182.	2.8	12
20	One pot synthesis of isocyano-containing, densely functionalised <i>gem</i> -difluoroalkenes from <i>gem</i> -trifluoromethyl alkenes, alkyl halides and TosMIC. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5955-5961.	4.5	12
21	External Photocatalyst-Free Visible Light-Promoted 1,3-Addition of Perfluoroalkyl Iodides to Vinyl diazoacetates. <i>CCS Chemistry</i> , 2022, 4, 638-649.	7.8	12
22	Synthesis of 3-Aryl-2-pyrones by Palladium-Catalyzed Cross-Coupling of Aryl Iodides with Cyclic Vinyl diazo Ester. <i>Journal of Organic Chemistry</i> , 2017, 82, 9204-9209.	3.2	11
23	Synthesis of Triazole-Fused Phenanthridines through Pd-Catalyzed Intramolecular Phenyl C-H Activation of 1,5-Diaryl-1,2,3-triazoles. <i>Synlett</i> , 2019, 30, 1452-1456.	1.8	10
24	Metal-Free, Visible-Light Promoted Intramolecular Azole C-H Bond Amination Using Catalytic Amount of I <sub>2</sub> : A Route to 1,2,3-Triazolo[1,5-a]quinazolin-5(4H)-ones. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 5124-5129.	4.3	10
25	Doyle-Kirmse reaction using 3,3-difluoroallyl sulfide and <i>N</i> -sulfonyl-1,2,3-triazole: an efficient access to <i>gem</i> -difluoroallylated multifunctional quaternary carbon. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 6974-6978.	2.8	9
26	Phenanthroline-t BuONa Promoted Intramolecular C-H Arylation of 1,5-Diaryl-1,2,3-Triazoles for Efficient Synthesis of Triazolophenanthridines. <i>ChemistrySelect</i> , 2019, 4, 6272-6276.	1.5	6
27	Metal-free selective aryl C-H formylation co-controlled by 1,2,3-triazole and hydroxyl using DMSO as formyl source. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	1.5	2
28	Dual Fe/Pd-Catalyzed Reductive Cross-coupling: Constructing <i>gem</i> -difluoroallylenes with Alkenyl Bromides and Bromodifluoromethanes. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 6700.	2.4	2
29	DBU/AgOTf Relay-Catalysis Enabled One-Pot Synthesis of 1,3-Dihydroisobenzofurans and Its Conversion to Indanones. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1896-1902.	4.3	1
30	Frontispiece: Visible-Light-Mediated Two-Fold Unsymmetrical C(sp <sup>3</sup> ) <sup>3</sup> -H Functionalization and Double C-F Substitution. <i>Chemistry - A European Journal</i> , 2017, 23, .	3.3	0
31	A Single-Step Synthesis of Stereodefined Skipped Trienes: Pd-Catalyzed Cascade Reaction of Terminal Alkynes with Allylic Halides. <i>European Journal of Organic Chemistry</i> , 0, .	2.4	0