

# Xiaobo Yang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7508644/publications.pdf>

Version: 2024-02-01

40  
papers

1,647  
citations

279798

23  
h-index

289244

40  
g-index

41  
all docs

41  
docs citations

41  
times ranked

1955  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal-Free C(sp <sup>2</sup> )â€“H/Nâ€“H Cross-Dehydrogenative Coupling of Quinoxalinones with Aliphatic Amines under Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2018, 20, 7125-7130.	4.6	213
2	Simple and Clean Photo-induced Methylation of Heteroarenes with MeOH. <i>CheM</i> , 2017, 2, 688-702.	11.7	153
3	Simple and Efficient Generation of Aryl Radicals from Aryl Triflates: Synthesis of Aryl Boronates and Aryl Iodides at Room Temperature. <i>Journal of the American Chemical Society</i> , 2017, 139, 8621-8627.	13.7	139
4	Visible-light-induced tandem radical additionâ€“cyclization of 2-aryl phenyl isocyanides catalysed by recyclable covalent organic frameworks. <i>Green Chemistry</i> , 2019, 21, 2905-2910.	9.0	84
5	Covalent Organic Frameworks: A Sustainable Photocatalyst toward Visibleâ€“Lightâ€“Accelerated C3 Arylation and Alkylation of Quinoxalinâ€“ones. <i>Chemistry - A European Journal</i> , 2020, 26, 369-373.	3.3	82
6	Metalâ€“Free Trifluoromethylation and Arylation of Alkenes: Domino Synthesis of Oxindole Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 1021-1028.	4.3	73
7	Visible-light-induced regioselective cross-dehydrogenative coupling of 2-isothiocyanatonaphthalenes with amines using molecular oxygen. <i>Science China Chemistry</i> , 2020, 63, 1652-1658.	8.2	72
8	Chemistry and biology of Pestalotiopsis-derived natural products. <i>Fungal Diversity</i> , 2014, 66, 37-68.	12.3	57
9	A Simple Copperâ€“Catalyzed Cascade Synthesis of 2â€“Aminoâ€“1-indoleâ€“3-carboxylate Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1033-1038.	4.3	55
10	Rh(III)-Catalyzed direct C-7 amination of indolines with anthranils. <i>Organic Chemistry Frontiers</i> , 2017, 4, 250-254.	4.5	54
11	Ruthenium(II)-catalyzed olefination <i>via</i> carbonyl reductive cross-coupling. <i>Chemical Science</i> , 2017, 8, 8193-8197.	7.4	52
12	Visible light induced Trifluoromethyl Migration: Easy Access to $\alpha$ -Trifluoromethylated Ketones from Enol Triflates. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 267-271.	4.3	43
13	Photoâ€“induced Carboiodination: A Simple Way to Synthesize Functionalized Dihydrobenzofurans and Indolines. <i>Chemistry - A European Journal</i> , 2016, 22, 15252-15256.	3.3	38
14	Patterns of species diversity and soil nutrients along a chronosequence of vegetation recovery in Hainan Island, South China. <i>Ecological Research</i> , 2012, 27, 561-568.	1.5	36
15	Rh(III)-catalyzed sequential Câ€“H activation and annulation: access to N-fused heterocycles from arylazoles and $\alpha$ -diazocarbonyl compounds. <i>RSC Advances</i> , 2017, 7, 20548-20552.	3.6	35
16	Factors Affecting the Distribution Pattern of Wild Plants with Extremely Small Populations in Hainan Island, China. <i>PLoS ONE</i> , 2014, 9, e97751.	2.5	33
17	An ultrastable olefin-linked covalent organic framework for photocatalytic decarboxylative alkylations under highly acidic conditions. <i>Catalysis Science and Technology</i> , 2021, 11, 4272-4279.	4.1	32
18	Ir(III)-catalyzed synthesis of isoquinolines from benzimidates and $\alpha$ -diazocarbonyl compounds. <i>RSC Advances</i> , 2016, 6, 57371-57374.	3.6	31

#	ARTICLE	IF	CITATIONS
19	Land use Change Impacts on Heavy Metal Sedimentation in Mangrove Wetlands—A Case Study in Dongzhai Harbor of Hainan, China. <i>Wetlands</i> , 2014, 34, 1-8.	1.5	29
20	Easy and efficient one-pot synthesis of pyrazolo[1,5-c]quinazolines under mild copper-catalyzed conditions. <i>RSC Advances</i> , 2012, 2, 11061.	3.6	27
21	Visible-Light-Enabled Selective Oxidation of Primary Alcohols through Hydrogen-Atom Transfer and its Application in the Synthesis of Quinazolinones. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1933-1941.	2.7	27
22	Concise and efficient one-pot copper-catalyzed synthesis of H-pyrazolo[5,1-a]isoquinolines. <i>RSC Advances</i> , 2012, 2, 8258.	3.6	26
23	Palladium-Catalyzed Direct $\alpha$ -H Arylation of Ketones with Arylboronic Acids in Water. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2402-2406.	4.3	24
24	Palladium-Catalyzed Tandem Oxidative Arylation/Olefination of Aromatic Tethered Alkenes/Alkynes. <i>Chemistry - A European Journal</i> , 2017, 23, 793-797.	3.3	23
25	Covalent Organic Frameworks toward Diverse Photocatalytic Aerobic Oxidations. <i>Chemistry - A European Journal</i> , 2021, 27, 7738-7744.	3.3	22
26	Domino reactions of 1-(2-alkoxyaryl)-3-alkylprop-2-yn-1-ones with sodium sulfide leading to thiochromen-4-one derivatives. <i>RSC Advances</i> , 2012, 2, 6549.	3.6	19
27	Sunlight-Driven Synthesis of 1,2,4-Thiadiazoles via Oxidative Construction of a Nitrogen-Sulfur Bond Catalyzed by a Reusable Covalent Organic Framework. <i>ChemPhotoChem</i> , 2020, 4, 445-450.	3.0	19
28	Controllable Rh(III)-Catalyzed $\alpha$ -H Arylation and Deacetalization: Access to Biphenyl-2-carbonitriles and Biphenyl-2-carbimidates. <i>Organic Letters</i> , 2018, 20, 6573-6577.	4.6	18
29	Vascular Epiphyte Diversity Differs with Host Crown Zone and Diameter, but Not Orientation in a Tropical Cloud Forest. <i>PLoS ONE</i> , 2016, 11, e0158548.	2.5	18
30	$\beta$ -Carboline synthesis enabled by Rh(III)-catalyzed regioselective $\alpha$ -H annulation. <i>Chemical Communications</i> , 2020, 56, 13389-13392.	4.1	17
31	A cobalt covalent organic framework: a dual-functional atomic-level catalyst for visible-light-driven $\alpha$ -H annulation of amides with alkynes. <i>Journal of Materials Chemistry A</i> , 2022, 10, 11514-11523.	10.3	17
32	Dehydrative condensation of carbonyls with non-acidic methylenes enabled by light: synthesis of benzofurans. <i>Chemical Communications</i> , 2016, 52, 13120-13123.	4.1	16
33	Changes in Patterns of Species Co-occurrence across Two Tropical Cloud Forests Differing in Soil Nutrients and Air Temperature. <i>Biotropica</i> , 2015, 47, 416-423.	1.6	15
34	One-pot synthesis of 3,5-disubstituted 1,2,4-thiadiazoles from nitriles and thioamides via Ir-mediated oxidative formation of an N-S bond. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 8410-8417.	2.8	15
35	Copper-Mediated Cascade Synthesis of Diaryl Sulfoxides via the Sandmeyer Reaction. <i>Synlett</i> , 2014, 25, 847-852.	1.8	14
36	Benzocarbazole Synthesis via Visible-Light-Accelerated Rh(III)-Catalyzed $\alpha$ -H Annulation of Aromatic Amines with Bicyclic Alkenes. <i>Organic Letters</i> , 2021, 23, 7740-7745.	4.6	9

#	ARTICLE	IF	CITATIONS
37	Efficient One-Pot Synthesis of Benzo[e]pyrazolo[1,5-c][1,3]thiazine Derivatives under Copper-Catalyzed Conditions. <i>Heterocycles</i> , 2016, 92, 1215.	0.7	7
38	Exploring the diversity and dynamic of bacterial community vertically distributed in Tongguling National Nature Reserve in Hainan Island, China. <i>Brazilian Journal of Microbiology</i> , 2019, 50, 729-737.	2.0	1
39	Covalent Organic Frameworks: A Sustainable Photocatalyst toward Visible-Light-Accelerated C3 Arylation and Alkylation of Quinoxalin-2(1H)-Ones. <i>Chemistry - A European Journal</i> , 2020, 26, 348-348.	3.3	1
40	Direct C-H arylation of quinoxalinones with aryl acylperoxides under catalyst-free condition. <i>Tetrahedron Letters</i> , 2021, 62, 152681.	1.4	1