

# Yangyang Cheng

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

1,760  
citations

394421

19  
h-index

501196

28  
g-index

37  
all docs

37  
docs citations

37  
times ranked

2285  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodium-catalyzed annulation of arenes with alkynes through weak chelation-assisted C-H activation. <i>Chemical Communications</i> , 2016, 52, 2872-2884.	4.1	261
2	Molecular Engineering of Mechanochromic Materials by Programmed C-H Arylation: Making a Counterpoint in the Chromism Trend. <i>Journal of the American Chemical Society</i> , 2016, 138, 12803-12812.	13.7	195
3	Unparalleled Ease of Access to a Library of Biheteroaryl Fluorophores via Oxidative Cross-Coupling Reactions: Discovery of Photostable NIR Probe for Mitochondria. <i>Journal of the American Chemical Society</i> , 2016, 138, 4730-4738.	13.7	181
4	Palladium-Catalyzed Desulfitative C-H Arylation of Heteroarenes with Sodium Sulfinates. <i>Chemistry - A European Journal</i> , 2011, 17, 13415-13419.	3.3	130
5	Cobalt-Catalyzed Oxidative C-H/C-H Cross-Coupling between Two Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10414-10418.	13.8	118
6	Rh(III)-Catalyzed Decarboxylative ortho-Heteroarylation of Aromatic Carboxylic Acids by Using the Carboxylic Acid as a Traceless Directing Group. <i>Organic Letters</i> , 2015, 17, 1762-1765.	4.6	114
7	Regiospecific N-Heteroarylation of Amidines for Full-Color-Tunable Boron Difluoride Dyes with Mechanochromic Luminescence. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 13676-13680.	13.8	88
8	Palladium(II)-Catalyzed Oxidative C-H/C-H Cross-Coupling between Two Structurally Similar Azoles. <i>Chemistry - A European Journal</i> , 2012, 18, 6158-6162.	3.3	79
9	Palladium-catalyzed tandem N-H/C-H arylation: regioselective synthesis of N-heterocycle-fused phenanthridines as versatile blue-emitting luminophores. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7966.	2.8	78
10	Nickel Catalysis Enables Oxidative C(sp <sup>2</sup> )-H/C(sp <sup>2</sup> )-H Cross-Coupling Reactions between Two Heteroarenes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12275-12279.	13.8	73
11	Versatile palladium-catalyzed C-H olefination of (hetero)arenes at room temperature. <i>Chemical Communications</i> , 2014, 50, 13914-13916.	4.1	56
12	Novel Ruthenium Sensitizers with a Phenothiazine Conjugated Bipyridyl Ligand for High-Efficiency Dye-Sensitized Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 27831-27837.	8.0	45
13	Cell-Penetrating Dynamic Covalent Benzopolysulfane Networks. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9522-9526.	13.8	41
14	Rhodium-Catalyzed Oxidative Coupling of Benzoic Acids with Terminal Alkynes: An Efficient Access to 3-Ylidene-phthalides. <i>Organometallics</i> , 2016, 35, 1350-1353.	2.3	39
15	Inhibitors of thiol-mediated uptake. <i>Chemical Science</i> , 2021, 12, 626-631.	7.4	38
16	Spontaneous Counterion-Induced Vesicle Formation: Multivalent Binding to Europium(III) for a Wide-Range Optical pH Sensor. <i>Advanced Functional Materials</i> , 2014, 24, 6204-6209.	14.9	31
17	Rh-catalysed direct cyclisation of 1,4-naphthoquinone and 9,10-phenanthraquinone with alkyne: facile access to 1,8-dioxapyrenes and 1,12-dioxaperylenes as orange and red-emitting luminophores. <i>Chemical Communications</i> , 2015, 51, 6337-6339.	4.1	28
18	Cell-Penetrating Streptavidin: A General Tool for Bifunctional Delivery with Spatiotemporal Control, Mediated by Transport Systems Such as Adaptive Benzopolysulfane Networks. <i>Journal of the American Chemical Society</i> , 2020, 142, 4784-4792.	13.7	28

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19	Cobalt-Catalyzed Oxidative C <sup>2</sup> -H/C <sup>2</sup> -H Cross-Coupling between Two Heteroarenes. <i>Angewandte Chemie</i> , 2016, 128, 10570-10574.	2.0	22
20	Oxygen as an oxidant in palladium/copper-cocatalyzed oxidative C-H/C-H cross-coupling between two heteroarenes. <i>Science China Chemistry</i> , 2015, 58, 1292-1296.	8.2	18
21	Inhibition of Thiol-Mediated Uptake with Irreversible Covalent Inhibitors. <i>Helvetica Chimica Acta</i> , 2021, 104, e2100085.	1.6	17
22	Nickel Catalysis Enables Oxidative C <sup>2</sup> -H/C <sup>2</sup> -H Cross-Coupling Reactions between Two Heteroarenes. <i>Angewandte Chemie</i> , 2016, 128, 12463-12467.	2.0	15
23	Cyclic Thiosulfonates for Thiol-Mediated Uptake: Cascade Exchangers, Transporters, Inhibitors. <i>Jacs Au</i> , 2022, 2, 839-852.	7.9	13
24	Cell-Penetrating Dynamic Covalent Benzopolysulfane Networks. <i>Angewandte Chemie</i> , 2019, 131, 9622-9626.	2.0	11
25	Probing for Thiol-Mediated Uptake into Bacteria. <i>ChemBioChem</i> , 2020, 21, 69-73.	2.6	10
26	Automated high-content imaging for cellular uptake, from the Schmuck cation to the latest cyclic oligochalcogenides. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 2007-2016.	2.2	7
27	Naphthalenediimides with Cyclic Oligochalcogenides in Their Core. <i>Chemistry - A European Journal</i> , 2020, 26, 14059-14063.	3.3	5