

# Chao Shen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1833524/publications.pdf>

Version: 2024-02-01

47  
papers

2,260  
citations

236925

25  
h-index

223800

46  
g-index

49  
all docs

49  
docs citations

49  
times ranked

1933  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances in C–S bond formation via C–H bond functionalization and decarboxylation. <i>Chemical Society Reviews</i> , 2015, 44, 291-314.	38.1	702
2	A highly active and easily recoverable chitosan@copper catalyst for the C–S coupling and its application in the synthesis of zolimidine. <i>Green Chemistry</i> , 2014, 16, 3007-3012.	9.0	142
3	Remote C–H Activation of Quinolines through Copper-Catalyzed Radical Cross-Coupling. <i>Chemistry - an Asian Journal</i> , 2016, 11, 882-892.	3.3	130
4	Copper-catalyzed C5 and C7 halogenation of quinolines using sodium halides under mild conditions. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3016-3021.	2.8	103
5	Nickel(II)-Catalyzed Site-Selective C–H Bond Trifluoromethylation of Arylamine in Water through a Coordinating Activation Strategy. <i>Organic Letters</i> , 2017, 19, 5661-5664.	4.6	87
6	A concise, efficient synthesis of sugar-based benzothiazoles through chemoselective intramolecular C–S coupling. <i>Chemical Science</i> , 2012, 3, 2388.	7.4	67
7	A novel <i>d</i> -glucosamine-derived pyridyl-triazole@palladium catalyst for solvent-free Mizoroki–Heck reactions and its application in the synthesis of Axitinib. <i>Green Chemistry</i> , 2015, 17, 225-230.	9.0	62
8	Heterogeneous Chitosan@Copper(II)-Catalyzed Remote Trifluoromethylation of Aminoquinolines with the Langlois Reagent by Radical Cross-Coupling. <i>ChemCatChem</i> , 2016, 8, 3560-3564.	3.7	60
9	Recent Advances in the Catalytic Synthesis of 4-Quinolones. <i>CheM</i> , 2019, 5, 1059-1107.	11.7	56
10	Copper-catalyzed remote sulfonylation of aminoquinolines with sodium sulfonates via radical coupling. <i>RSC Advances</i> , 2016, 6, 37173-37179.	3.6	53
11	Transition-metal-free direct perfluoroalkylation of quinoline amides at C5 position through radical cross-coupling under mild conditions. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1116-1120.	4.5	52
12	Catalyst-Controlled Selectivity in C–S Bond Formation: Highly Efficient Synthesis of C2- and C3-Sulfonylindoles. <i>ChemCatChem</i> , 2016, 8, 304-307.	3.7	46
13	Copper-catalyzed rapid C–H nitration of 8-aminoquinolines by using sodium nitrite as the nitro source under mild conditions. <i>RSC Advances</i> , 2016, 6, 89979-89983.	3.6	46
14	Copper(II)-Catalyzed Direct Azidation of <i>N</i> -Acylated 8-Aminoquinolines by Remote C–H Activation. <i>ChemCatChem</i> , 2016, 8, 3570-3574.	3.7	45
15	Novel glycosyl pyridyl-triazole@palladium nanoparticles: efficient and recoverable catalysts for C–C cross-coupling reactions. <i>Catalysis Science and Technology</i> , 2015, 5, 2065-2071.	4.1	44
16	Selective remote esterification of 8-aminoquinoline amides via copper(ii)-catalyzed C(sp <sup>2</sup> )–O cross-coupling reaction. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 531-535.	2.8	44
17	Copper(II)-Catalyzed Selective <i>Para</i> Amination of Arylamine with Pyrazole by C–H Functionalization. <i>ChemCatChem</i> , 2018, 10, 3675-3679.	3.7	42
18	<i>d</i> -Glucosamine as a green ligand for copper catalyzed synthesis of aryl sulfones from aryl halides and sodium sulfonates. <i>RSC Advances</i> , 2014, 4, 26295-26300.	3.6	41

#	ARTICLE	IF	CITATIONS
19	Catalyst-Controlled Selectivity in the Synthesis of C2- and C3-Sulfonate Esters from Quinoline Oxides and Aryl Sulfonyl Chlorides. <i>ChemCatChem</i> , 2016, 8, 2604-2608.	3.7	40
20	A highly efficient synthesis of N-glycosyl-1,2,3-triazoles using a recyclable cellulose-copper(0) catalyst in water. <i>Catalysis Communications</i> , 2016, 79, 11-16.	3.3	38
21	Coordinating Activation Strategy-Induced Selective C-H Trifluoromethylation of Anilines. <i>ChemCatChem</i> , 2018, 10, 965-970.	3.7	38
22	Palladium-catalyzed direct ortho-sulfonylation of azobenzenes with arylsulfonyl chlorides via C-H activation. <i>RSC Advances</i> , 2015, 5, 52588-52594.	3.6	34
23	Palladium-Catalyzed Thioetherification of Quinolone Derivatives via Decarboxylative C-S Cross-Couplings. <i>Chemistry - an Asian Journal</i> , 2016, 11, 360-366.	3.3	32
24	Photo-Induced Cross-Dehydrogenative Alkylation of Heteroarenes with Alkanes under Aerobic Conditions. <i>Journal of Organic Chemistry</i> , 2021, 86, 17816-17832.	3.2	32
25	Iodobenzene-catalyzed synthesis of aryl sulfonate esters from aminoquinolines via remote radical C-O cross-coupling. <i>RSC Advances</i> , 2017, 7, 49436-49439.	3.6	31
26	Catalyst-Triggered Highly Selective C-S and C-Se Bond Formation by C-H Activation. <i>ChemCatChem</i> , 2016, 8, 2916-2919.	3.7	21
27	Platinum( <sup>II</sup> )-catalyzed selective C-H alkoxylation of arylamines through a coordinating activation strategy. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 490-497.	2.8	19
28	Oxidative Sulfonylation of Hydrazones Enabled by Synergistic Copper/Silver Catalysis. <i>Journal of Organic Chemistry</i> , 2021, 86, 3706-3720.	3.2	19
29	A Novel 1-Glycosyl-1H-triazole-Based P,N Ligand for Rhodium-Catalyzed Asymmetric Hydrosilylation of Ketones. <i>Helvetica Chimica Acta</i> , 2010, 93, 2433-2438.	1.6	15
30	Selective Mono- and Diamination of Ketones in a Combined Copper-Organocatalyst System. <i>Organic Letters</i> , 2022, 24, 3614-3619.	4.6	14
31	Synthesis and Biological Evaluation of Novel Carbohydrate-Derived Derivatives of Erlotinib. <i>Drug Development Research</i> , 2016, 77, 319-325.	2.9	10
32	Palladium-Catalyzed Direct Ortho C-O bond construction of Azobenzenes with Iodobenzene diacetate via C-H Activation. <i>Catalysis Letters</i> , 2017, 147, 400-406.	2.6	10
33	Iron-Catalyzed C5 Halogenation of 8-Amidoquinolines Using Sodium Halides at Room Temperature. <i>Catalysis Letters</i> , 2017, 147, 1574-1580.	2.6	9
34	Novel Magnetically-Recyclable, Nitrogen-Doped Fe <sub>3</sub> O <sub>4</sub> @Pd NPs for Suzuki-Miyaura Coupling and Their Application in the Synthesis of Crizotinib. <i>Catalysts</i> , 2018, 8, 443.	3.5	9
35	Synthesis of Some Novel Glucosyl Triazoles from 2,3,4,6-Tetra-O-pivaloyl-D-glucopyranosyl Azide. <i>Journal of Carbohydrate Chemistry</i> , 2010, 29, 155-163.	1.1	8
36	Palladium-Catalyzed Decarboxylative Csp <sup>2</sup> -Csp <sup>2</sup> Cross-Coupling Reactions: An Efficient Route for Synthesis of Azaisoflavone Derivatives. <i>Catalysis Letters</i> , 2015, 145, 1634-1642.	2.6	8

#	ARTICLE	IF	CITATIONS
37	Visible-light-induced C-H sulfenylation of quinoxalin-2(1H)-ones with disulfides by sustainable cerium catalysis. <i>Green Synthesis and Catalysis</i> , 2023, 4, 226-230.	6.8	8
38	Novel Biomass-Derived Fe <sub>3</sub> O <sub>4</sub> @Pd NPs as Efficient and Sustainable Nanocatalyst for Nitroarene Reduction in Aqueous Media. <i>Catalysis Letters</i> , 2019, 149, 2607-2613.	2.6	7
39	Iodobenzene-catalyzed oxidative C-H d-alkoxylation of quinoxalinones with deuterated alcohols. <i>Catalysis Communications</i> , 2020, 141, 106008.	3.3	7
40	Magnetically Reusable Fe <sub>3</sub> O <sub>4</sub> @NC@Pt Catalyst for Selective Reduction of Nitroarenes. <i>Catalysts</i> , 2021, 11, 1219.	3.5	7
41	Visible-light-induced decarboxylative alkylation of quinoxalin-2(1H)-ones with phenyliodine(III) dicarboxylates by cerium photocatalysis. <i>Molecular Catalysis</i> , 2022, 519, 112145.	2.0	7
42	Recyclable Cellulose-Derived Fe <sub>3</sub> O <sub>4</sub> @Pd NPs for Highly Selective C-S Bond Formation by Heterogeneously C-H Sulfenylation of Indoles. <i>Catalysis Letters</i> , 2020, 150, 2409-2414.	2.6	5
43	Catalyst controlled remote C-H activation of 8-aminoquinolines with NFSI for C-N versus C-F coupling. <i>Catalysis Communications</i> , 2021, 158, 106336.	3.3	4
44	Facile Fabrication of Glycosylpyridyl-Triazole@Nickel Nanoparticles as Recyclable Nanocatalyst for Acylation of Amines in Water. <i>Catalysts</i> , 2020, 10, 230.	3.5	3
45	Catalyst-Controlled Selectivity in C-S Bond Formation: Highly Efficient Synthesis of C2- and C3-Sulfonylindoles. <i>ChemCatChem</i> , 2016, 8, 280-280.	3.7	1
46	Catalyst-Controlled Selectivity in Oxidation of Olefins: Highly Facile Success to Functionalized Aldehydes and Ketones. <i>Catalysis Letters</i> , 0, , 1.	2.6	1
47	Synthesis and Crystal Structure of 3,5-Dichloro-6-morpholinopyridin-2-ol. <i>Journal of Chemical Crystallography</i> , 2009, 39, 919-922.	1.1	0