Qian Cai

List of Publications by Year in descending order

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39 papers	2,516 citations	304368 22 h-index	288905 40 g-index
41 all docs	41 docs citations	41 times ranked	2392 citing authors

#	Article	IF	Citations
1	Base-Promoted Tandem S_NAr/Boultonâ€“Katritzky Rearrangement: Access to [1,2,4]Triazolo[1,5-a]pyridines. Organic Letters, 2022, 24, 2989-2992.	2.4	5
2	Discovery of 8-(6-Methoxypyridin-3-yl)-1-(4-(piperazin-1-yl)-3-(trifluoromethyl)phenyl)-1,5-dihydro-4H-[1,2,3]triazolo[4,5-c]quinolin-4-one (CQ211) as a Highly Potent and Selective RIOK2 Inhibitor. Journal of Medicinal Chemistry, 2022, 65, 7833-7842.	2.9	4
3	Copper-catalyzed tandem annulation of 2-alkynoyl-2â€²-iodo-1,1â€²-biphenyls with isocyanoacetates: a rapid access to pyrrole-fused tetracyclic skeletons. Organic Chemistry Frontiers, 2021, 8, 2456-2460.	2.3	13
4	Copper(I)-Catalyzed Asymmetric Desymmetric Intramolecular Alkenyl Câ€”N Coupling Reaction. Acta Chimica Sinica, 2021, 79, 649.	0.5	4
5	A Synthesis of Spirooxindoleâ€Isoindolinones Through Ugi Reaction Followed by Copperâ€Catalyzed Tandem Câ^'N/Câ^'C Coupling Process. Advanced Synthesis and Catalysis, 2021, 363, 4969-4973.	2.1	9
6	Copper(<scp>i</scp>)-catalyzed asymmetric intramolecular C-arylation with ureas as the additives: highly enantioselective formation of spirooxindoles. Organic and Biomolecular Chemistry, 2021, 19, 7480-7484.	1.5	0
7	Copper(<scp>i</scp>)â€“catalyzed intramolecular asymmetric C-arylation of acyclic Î²-ester amides: enantioselective formation of chiral oxindoles. Organic Chemistry Frontiers, 2021, 8, 4211-4216.	2.3	2
8	Access to Triazolopiperidine Derivatives via Copper(I)â€Catalyzed [3+2] Cycloaddition/Alkenyl Câ^'N Coupling Tandem Reactions. Advanced Synthesis and Catalysis, 2021, 363, 4988-4991.	2.1	9
9	Identification and Development of 1,4-Diaryl-1,2,3-triazolo-Based Ureas as Novel FLT3 Inhibitors. ACS Medicinal Chemistry Letters, 2020, 11, 1567-1572.	1.3	11
10	<scp>Ullmannâ€Ma</scp> Reaction: Development, Scope and Applications in Organic Synthesis^{â€}. Chinese Journal of Chemistry, 2020, 38, 879-893.	2.6	74
11	Stereospecific Synthesis of (E)-5-Tetrasubstituted-ylidene-3,5-dihydro-4H-imidazol-4-ones. Organic Letters, 2019, 21, 3946-3949.	2.4	5
12	Copper(I)-Catalyzed Intramolecular Asymmetric Double C-Arylation for the Formation of Chiral Spirocyclic Bis-oxindoles. Organic Letters, 2019, 21, 4505-4509.	2.4	15
13	A Simple Transformation of 1â€(Isoxazolâ€3â€yl)ureas to 5â€(2â€oxoalkyl)â€2,4â€dihydroâ€3Hâ€1,2,4â€triazolâ€3â€ones through Baseâ€Promoted Boultonâ€Katritzky Rearrangement. Advanced Synthesis and Catalysis, 2019, 361, 481-484.	2.1	8
14	Copperâ€Catalysed Double O â€Arylation for Enantioselective Synthesis of oxa â€Spirocycles. Advanced Synthesis and Catalysis, 2019, 361, 562-568.	2.1	14
15	Recent Advances of Chiral Hypervalent Iodine Reagents. Acta Chimica Sinica, 2019, 77, 213.	0.5	10
16	Chiral Aryliodine-Catalyzed Asymmetric Oxidative Câ€“N Bond Formation via Desymmetrization Strategy. Organic Letters, 2018, 20, 4554-4557.	2.4	29
17	Enantioselective Synthesis of Chiral Oxygen-Containing Heterocycles Using Copper-Catalyzed Aryl Câ€“O Coupling Reactions via Asymmetric Desymmetrization. Journal of Organic Chemistry, 2017, 82, 1458-1463.	1.7	16
18	Asymmetric Synthesis of (â^')-Pterocarine and (â^')-Galeon via Chiral Phase Transfer-Catalyzed Atropselective Formation of Diarylether Cyclophane Skeleton. Organic Letters, 2017, 19, 1804-1807.	2.4	26

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19	Diversified Synthesis of 2-(4-Oxo[1,2,3]triazolo[1,5-a]quinoxalin-5(4H)-yl)acetamide Derivatives through Ugi-4-CR and Copper-Catalyzed Tandem Reactions. Synthesis, 2017, 49, 3863-3873.	1.2	11
20	Transition Metal Catalyzed Asymmetric Aryl Carbonâ€“Heteroatom Bond Coupling Reactions. Synlett, 2016, 27, 664-675.	1.0	15
21	An Enantioselective Synthesis of Spirobilactams through Copperâ€Catalyzed Intramolecular Double Nâ€Arylation and Phase Separation. Angewandte Chemie - International Edition, 2015, 54, 10917-10920.	7.2	29
22	Copperâ€Catalyzed Intramolecular Desymmetric Aryl Cï£¿O Coupling for the Enantioselective Construction of Chiral Dihydrobenzofurans and Dihydrobenzopyrans. Angewandte Chemie - International Edition, 2015, 54, 8805-8808.	7.2	46
23	Recent advances in copper-catalyzed asymmetric coupling reactions. Beilstein Journal of Organic Chemistry, 2015, 11, 2600-2615.	1.3	33
24	Pd-Catalyzed Asymmetric Intramolecular Aryl Câ€“O Bond Formation with SDP(O) Ligand: Enantioselective Synthesis of (2,3-Dihydrobenzo[b][1,4]dioxin-2-yl)methanols. Organic Letters, 2015, 17, 840-843.	2.4	37
25	An Unexpected Inversion of Enantioselectivity in a Copper-Catalyzed IntramolecularÂ-Desymmetric Aryl Câ€“N Coupling Reaction. Synthesis, 2014, 46, 1917-1923.	1.2	7
26	Pd-Catalyzed Desymmetric Intramolecular O-Arylation Reaction: Enantioselective Synthesis of (3,4-Dihydro-2H-chromen-3-yl)methanols. Organic Letters, 2013, 15, 6022-6025.	2.4	37
27	Copper-Catalyzed Desymmetric Intramolecular Ullmann Câ€“N Coupling: An Enantioselective Preparation of Indolines. Journal of the American Chemical Society, 2012, 134, 14326-14329.	6.6	97
28	A CuAAC/Ullmann Câ€“C Coupling Tandem Reaction: Copper-Catalyzed Reactions of Organic Azides with N-(2-Iodoaryl)propiolamides or 2-Iodo-N-(prop-2-ynyl)benzenamines. Organic Letters, 2012, 14, 3332-3335.	2.4	96
29	Synthesis of [1,2,3]Triazolo[1,5-a]quinoxalin-4(5H)-ones through Copper-Catalyzed Tandem Reactions of N-(2-Haloaryl)propiolamides with Sodium Azide. Organic Letters, 2012, 14, 1262-1265.	2.4	71
30	Copper-Catalyzed Tandem Reactions of 1-(2-Iodoary)-2-yn-1-ones with Isocyanides for the Synthesis of 4-Oxo-indeno[1,2-b]pyrroles. Organic Letters, 2011, 13, 340-343.	2.4	91
31	Copper-Catalyzed Tandem Reaction of Isocyanides with N-(2-Haloaryl)propiolamides for the Synthesis of Pyrrolo[3,2-c]quinolin-4-ones. Journal of Organic Chemistry, 2011, 76, 5346-5353.	1.7	56
32	Synthesis of 1-Aryl-1H -indazoles via a Ligand-Free Copper- Catalyzed Intramolecular Amination Reaction. Chinese Journal of Chemistry, 2011, 29, 1199-1204.	2.6	27
33	Synthesis of Aza-Fused Polycyclic Quinolines through Copper-Catalyzed Cascade Reactions. Organic Letters, 2010, 12, 1500-1503.	2.4	71
34	Amino acid-promoted Ullmann-type coupling reactions and their applications in organic synthesis. Pure and Applied Chemistry, 2009, 81, 227-234.	0.9	25
35	An Efficient Copperâ€Catalyzed Amination of Aryl Halides by Aqueous Ammonia. Advanced Synthesis and Catalysis, 2009, 351, 1722-1726.	2.1	109
36	Assembly of indole-2-carboxylic acid esters through a ligand-free copper-catalysed cascade process. Chemical Communications, 2009, , 7581.	2.2	63

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37	Copper/Amino Acid Catalyzed Cross-Couplings of Aryl and Vinyl Halides with Nucleophiles. Accounts of Chemical Research, 2008, 41, 1450-1460.	7.6	1,006
38	Mild and Nonracemizing Conditions for Ullmann-type Diaryl Ether Formation between Aryl Iodides and Tyrosine Derivatives. Journal of Organic Chemistry, 2006, 71, 5268-5273.	1.7	79
39	Mild Ullmann-Type Biaryl Ether Formation Reaction by Combination ofortho-Substituent and Ligand Effects. Angewandte Chemie - International Edition, 2006, 45, 1276-1279.	7.2	200