

Qian Cai

List of Publications by Year in descending order

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papers

2,516
citations

304368

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docs citations

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times ranked

2392
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper/Amino Acid Catalyzed Cross-Couplings of Aryl and Vinyl Halides with Nucleophiles. <i>Accounts of Chemical Research</i> , 2008, 41, 1450-1460.	7.6	1,006
2	Mild Ullmann-Type Biaryl Ether Formation Reaction by Combination of ortho-Substituent and Ligand Effects. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 1276-1279.	7.2	200
3	An Efficient Copper-Catalyzed Amination of Aryl Halides by Aqueous Ammonia. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1722-1726.	2.1	109
4	Copper-Catalyzed Desymmetric Intramolecular Ullmann C-N Coupling: An Enantioselective Preparation of Indolines. <i>Journal of the American Chemical Society</i> , 2012, 134, 14326-14329.	6.6	97
5	A CuAAC/Ullmann C-C Coupling Tandem Reaction: Copper-Catalyzed Reactions of Organic Azides with <i>N</i> -(2-Iodoaryl)propiolamides or 2-Iodo- <i>N</i> -(prop-2-ynyl)benzenamines. <i>Organic Letters</i> , 2012, 14, 3332-3335.	2.4	96
6	Copper-Catalyzed Tandem Reactions of 1-(2-Iodoaryl)-2-yn-1-ones with Isocyanides for the Synthesis of 4-Oxo-indeno[1,2- <i>b</i>]pyrroles. <i>Organic Letters</i> , 2011, 13, 340-343.	2.4	91
7	Mild and Nonracemizing Conditions for Ullmann-type Diaryl Ether Formation between Aryl Iodides and Tyrosine Derivatives. <i>Journal of Organic Chemistry</i> , 2006, 71, 5268-5273.	1.7	79
8	Ullmann Reaction: Development, Scope and Applications in Organic Synthesis. <i>Chinese Journal of Chemistry</i> , 2020, 38, 879-893.	2.6	74
9	Synthesis of Aza-Fused Polycyclic Quinolines through Copper-Catalyzed Cascade Reactions. <i>Organic Letters</i> , 2010, 12, 1500-1503.	2.4	71
10	Synthesis of [1,2,3]Triazolo[1,5- <i>a</i>]quinoxalin-4(5- <i>H</i>)-ones through Copper-Catalyzed Tandem Reactions of <i>N</i> -(2-Haloaryl)propiolamides with Sodium Azide. <i>Organic Letters</i> , 2012, 14, 1262-1265.	2.4	71
11	Assembly of indole-2-carboxylic acid esters through a ligand-free copper-catalysed cascade process. <i>Chemical Communications</i> , 2009, , 7581.	2.2	63
12	Copper-Catalyzed Tandem Reaction of Isocyanides with <i>N</i> -(2-Haloaryl)propiolamides for the Synthesis of Pyrrolo[3,2- <i>c</i>]quinolin-4-ones. <i>Journal of Organic Chemistry</i> , 2011, 76, 5346-5353.	1.7	56
13	Copper-Catalyzed Intramolecular Desymmetric Aryl C-O Coupling for the Enantioselective Construction of Chiral Dihydrobenzofurans and Dihydrobenzopyrans. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 8805-8808.	7.2	46
14	Pd-Catalyzed Desymmetric Intramolecular <i>O</i> -Arylation Reaction: Enantioselective Synthesis of (3,4-Dihydro-2- <i>H</i> -chromen-3-yl)methanols. <i>Organic Letters</i> , 2013, 15, 6022-6025.	2.4	37
15	Pd-Catalyzed Asymmetric Intramolecular Aryl C-O Bond Formation with SDP(O) Ligand: Enantioselective Synthesis of (2,3-Dihydrobenzo[<i>b</i>][1,4]dioxin-2-yl)methanols. <i>Organic Letters</i> , 2015, 17, 840-843.	2.4	37
16	Recent advances in copper-catalyzed asymmetric coupling reactions. <i>Beilstein Journal of Organic Chemistry</i> , 2015, 11, 2600-2615.	1.3	33
17	An Enantioselective Synthesis of Spirobilactams through Copper-Catalyzed Intramolecular Double <i>N</i> -Arylation and Phase Separation. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 10917-10920.	7.2	29
18	Chiral Aryliodine-Catalyzed Asymmetric Oxidative C-N Bond Formation via Desymmetrization Strategy. <i>Organic Letters</i> , 2018, 20, 4554-4557.	2.4	29

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19	Synthesis of 1-Aryl-1 <i>H</i> -indazoles via a Ligand-Free Copper-Catalyzed Intramolecular Amination Reaction. <i>Chinese Journal of Chemistry</i> , 2011, 29, 1199-1204.	2.6	27
20	Asymmetric Synthesis of (âˆ“)-Pterocaraine and (âˆ“)-Galeon via Chiral Phase Transfer-Catalyzed Atropselective Formation of Diarylether Cyclophane Skeleton. <i>Organic Letters</i> , 2017, 19, 1804-1807.	2.4	26
21	Amino acid-promoted Ullmann-type coupling reactions and their applications in organic synthesis. <i>Pure and Applied Chemistry</i> , 2009, 81, 227-234.	0.9	25
22	Enantioselective Synthesis of Chiral Oxygen-Containing Heterocycles Using Copper-Catalyzed Aryl C=C-O Coupling Reactions via Asymmetric Desymmetrization. <i>Journal of Organic Chemistry</i> , 2017, 82, 1458-1463.	1.7	16
23	Transition Metal Catalyzed Asymmetric Aryl Carbon=C-Heteroatom Bond Coupling Reactions. <i>Synlett</i> , 2016, 27, 664-675.	1.0	15
24	Copper(I)-Catalyzed Intramolecular Asymmetric Double C-Arylation for the Formation of Chiral Spirocyclic Bis-oxindoles. <i>Organic Letters</i> , 2019, 21, 4505-4509.	2.4	15
25	Copper-Catalyzed Double O=C-Arylation for Enantioselective Synthesis of oxa-Spirocycles. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 562-568.	2.1	14
26	Copper-catalyzed tandem annulation of 2-alkynoyl-2-iodo-1,1-biphenyls with isocyanoacetates: a rapid access to pyrrole-fused tetracyclic skeletons. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2456-2460.	2.3	13
27	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. <i>Synthesis</i> , 2017, 49, 3863-3873.	1.2	11
28	Identification and Development of 1,4-Diaryl-1,2,3-triazolo-Based Ureas as Novel FLT3 Inhibitors. <i>ACS Medicinal Chemistry Letters</i> , 2020, 11, 1567-1572.	1.3	11
29	Recent Advances of Chiral Hypervalent Iodine Reagents. <i>Acta Chimica Sinica</i> , 2019, 77, 213.	0.5	10
30	A Synthesis of Spirooxindole-Isoindolinones Through Ugi Reaction Followed by Copper-Catalyzed Tandem C=N/C=C Coupling Process. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4969-4973.	2.1	9
31	Access to Triazolopiperidine Derivatives via Copper(I)-Catalyzed [3+2] Cycloaddition/Alkenyl C=N Coupling Tandem Reactions. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4988-4991.	2.1	9
32	A Simple Transformation of 1-(Isoxazol-3-yl)ureas to 5-(2-oxoalkyl)-2,4-dihydro-1,2,4-triazolo-3-ones through Base-Promoted Boulton-Katritzky Rearrangement. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 481-484.	2.1	8
33	An Unexpected Inversion of Enantioselectivity in a Copper-Catalyzed Intramolecular-Desymmetric Aryl C=N Coupling Reaction. <i>Synthesis</i> , 2014, 46, 1917-1923.	1.2	7
34	Stereospecific Synthesis of (<i>E</i>)-5-Tetrasubstituted-ylidene-3,5-dihydro-4 <i>H</i> -imidazol-4-ones. <i>Organic Letters</i> , 2019, 21, 3946-3949.	2.4	5
35	Base-Promoted Tandem S _N Ar/Boulton-Katritzky Rearrangement: Access to [1,2,4]Triazolo[1,5- <i>a</i>]pyridines. <i>Organic Letters</i> , 2022, 24, 2989-2992.	2.4	5
36	Copper(I)-Catalyzed Asymmetric Desymmetric Intramolecular Alkenyl C=N Coupling Reaction. <i>Acta Chimica Sinica</i> , 2021, 79, 649.	0.5	4

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37	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-ol (CQ211) as a Highly Potent and Selective R1OK2 Inhibitor. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 7833-7842.	2.9	4
38	Copper-catalyzed intramolecular asymmetric C-arylation of acyclic β^2 -ester amides: enantioselective formation of chiral oxindoles. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4211-4216.	2.3	2
39	Copper-catalyzed asymmetric intramolecular C-arylation with ureas as the additives: highly enantioselective formation of spirooxindoles. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 7480-7484.	1.5	0