

Qing-An Chen

List of Publications by Year in descending order

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64
papers

4,477
citations

159585
30
h-index

110387
64
g-index

86
all docs

86
docs citations

86
times ranked

2968
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Hydrogenation of Heteroarenes and Arenes. Chemical Reviews, 2012, 112, 2557-2590.	47.7	938
2	Homogeneous palladium-catalyzed asymmetric hydrogenation. Chemical Society Reviews, 2013, 42, 497-511.	38.1	334
3	Pd-Catalyzed Asymmetric Hydrogenation of Unprotected Indoles Activated by Brønsted Acids. Journal of the American Chemical Society, 2010, 132, 8909-8911.	13.7	263
4	Dihydrophenanthridine: A New and Easily Regenerable NAD(P)H Model for Biomimetic Asymmetric Hydrogenation. Journal of the American Chemical Society, 2012, 134, 2442-2448.	13.7	247
5	Convergent Asymmetric Disproportionation Reactions: Metal/Brønsted Acid Relay Catalysis for Enantioselective Reduction of Quinoxalines. Journal of the American Chemical Society, 2011, 133, 6126-6129.	13.7	198
6	Biomimetic Asymmetric Hydrogenation: In Situ Regenerable Hantzsch Esters for Asymmetric Hydrogenation of Benzoxazinones. Journal of the American Chemical Society, 2011, 133, 16432-16435.	13.7	175
7	Regioselective Hydroacylation of 1,3-Dienes by Cobalt Catalysis. Journal of the American Chemical Society, 2014, 136, 3772-3775.	13.7	153
8	Rhodium-Catalyzed Enantioselective Hydroamination of Alkynes with Indolines. Journal of the American Chemical Society, 2015, 137, 8392-8395.	13.7	146
9	Highly Enantioselective Partial Hydrogenation of Simple Pyrroles: A Facile Access to Chiral 1-Pyrrolines. Journal of the American Chemical Society, 2011, 133, 8866-8869.	13.7	142
10	Iridium-Catalyzed Asymmetric Hydrogenation of Pyridinium Salts. Angewandte Chemie - International Edition, 2012, 51, 10181-10184.	13.8	135
11	Reactivity of ynamides in catalytic intermolecular annulations. Chemical Society Reviews, 2021, 50, 2582-2625.	38.1	114
12	Brønsted Acid-Promoted Formation of Stabilized Silylium Ions for Catalytic Friedel-Crafts C-H Silylation. Journal of the American Chemical Society, 2016, 138, 7868-7871.	13.7	108
13	Enantioselective Pd-Catalyzed Hydrogenation of Fluorinated Imines: Facile Access to Chiral Fluorinated Amines. Organic Letters, 2010, 12, 5075-5077.	4.6	94
14	An Enantioselective Approach to 2,3-Disubstituted Indolines through Consecutive Brønsted Acid/Pd-Complex-Promoted Tandem Reactions. Chemistry - A European Journal, 2011, 17, 7193-7197.	3.3	90
15	Asymmetric hydrogenolysis of racemic tertiary alcohols, 3-substituted 3-hydroxyisoindolin-1-ones. Chemical Communications, 2012, 48, 1698-1700.	4.1	90
16	Alkyne Hydroacylation: Switching Regioselectivity by Tandem Ruthenium Catalysis. Journal of the American Chemical Society, 2015, 137, 3157-3160.	13.7	83
17	Asymmetric Hydrogenation with Water/Silane as the Hydrogen Source. Chemistry - A European Journal, 2010, 16, 1133-1136.	3.3	80
18	Highly Effective and Diastereoselective Synthesis of Axially Chiral Bis-sulfoxide Ligands via Oxidative Aryl Coupling. Organic Letters, 2010, 12, 1928-1931.	4.6	67

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19	Pd-Catalyzed asymmetric hydrogenation of 3-(toluenesulfonamidoalkyl)indoles. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1235-1238.	2.8	67
20	Catalytic Prenylation and Reverse Prenylation of Indoles with Isoprene: Regioselectivity Manipulation through Choice of Metal Hydride. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 5438-5442.	13.8	66
21	Asymmetric Hydrogenation of Isoquinolines and Pyridines Using Hydrogen Halide Generated in Situ as Activator. <i>Organic Letters</i> , 2017, 19, 4988-4991.	4.6	59
22	Ligand-Regulated Regiodivergent Hydrosilylation of Isoprene under Iron Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 19115-19120.	13.8	55
23	Orthogonal Regulation of Nucleophilic and Electrophilic Sites in Pd-Catalyzed Regiodivergent Couplings between Indazoles and Isoprene. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 8321-8328.	13.8	53
24	Catalytic Biomimetic Asymmetric Reduction of Alkenes and Imines Enabled by Chiral and Regenerable NAD(P)H Models. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 1813-1817.	13.8	51
25	Cobalt-catalyzed hydroxymethylarylation of terpenes with formaldehyde and arenes. <i>Chemical Science</i> , 2019, 10, 9560-9564.	7.4	49
26	Bifunctional AgOAc-catalyzed asymmetric reactions. <i>Chemical Communications</i> , 2010, 46, 4043.	4.1	48
27	A regioselectivity switch in Pd-catalyzed hydroallylation of alkynes. <i>Chemical Science</i> , 2019, 10, 6311-6315.	7.4	44
28	Enantioselective Pd-catalyzed hydrogenation of tetrasubstituted olefins of cyclic β^2 -(arylsulfonamido)acrylates. <i>Tetrahedron Letters</i> , 2012, 53, 2560-2563.	1.4	42
29	Iridium Catalyzed Asymmetric Hydrogenation of Cyclic Imines of Benzodiazepinones and Benzodiazepines. <i>Organic Letters</i> , 2012, 14, 3890-3893.	4.6	37
30	Visible Light Induced Bifunctional Rhodium Catalysis for Decarbonylative Coupling of Imides with Alkynes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1583-1587.	13.8	29
31	Photo-induced catalytic halopyridylation of alkenes. <i>Nature Communications</i> , 2021, 12, 6538.	12.8	23
32	Copper-Catalyzed Asymmetric Carboboration of Allenes to Access β -Quaternary Amino Esters with Adjacent Stereocenters. <i>Cell Reports Physical Science</i> , 2020, 1, 100067.	5.6	22
33	Acid-Catalyzed Regiodivergent Annulation of β -Hydroxycoumarins with Isoprene: Entry to Pyranocoumarins and Pyranochromones. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6510-6514.	2.4	20
34	Ligand-Regulated Regiodivergent Hydrosilylation of Isoprene under Iron Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 19277-19282.	2.0	20
35	Catalytic Prenylation and Reverse Prenylation of Indoles with Isoprene: Regioselectivity Manipulation through Choice of Metal Hydride. <i>Angewandte Chemie</i> , 2019, 131, 5492-5496.	2.0	19
36	Cobalt-Catalyzed Regioselective Carboamidation of Alkynes with Imides Enabled by Cleavage of C \equiv N and C \equiv C Bonds. <i>Organic Letters</i> , 2020, 22, 3386-3391.	4.6	19

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37	Regio- and Stereoselective Diarylation of 1,3-Dienes via Ni/Cr Cocatalysis. <i>ACS Catalysis</i> , 2022, 12, 2158-2165.	11.2	19
38	Nickel-catalyzed allyl-allyl coupling reactions between 1,3-dienes and allylboronates. <i>Chemical Communications</i> , 2020, 56, 7431-7434.	4.1	18
39	Bioinspired and Ligand-Regulated Unnatural Prenylation and Geranylation of Oxindoles with Isoprene under Pd Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	18
40	Redox-Divergent Construction of (Dihydro)thiophenes with DMSO. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24284-24291.	13.8	17
41	AgOAc-catalyzed asymmetric amination of glycine Schiff bases with azodicarboxylates. <i>Tetrahedron Letters</i> , 2009, 50, 6866-6868.	1.4	14
42	Orthogonal Regulation of Nucleophilic and Electrophilic Sites in Pd-Catalyzed Regiodivergent Couplings between Indazoles and Isoprene. <i>Angewandte Chemie</i> , 2021, 133, 8402-8409.	2.0	14
43	Catalytic C2 prenylation of unprotected indoles: Late-stage diversification of peptides and two-step total synthesis of tryprostatin B. <i>Chinese Journal of Catalysis</i> , 2021, 42, 1593-1607.	14.0	13
44	Acid-catalyzed chemoselective C- and O- prenylation of cyclic 1,3-diketones. <i>Chinese Journal of Catalysis</i> , 2020, 41, 1401-1409.	14.0	12
45	Rhodium-catalyzed regio- and enantioselective allylic alkylation of pyrazol-5-ones with alkynes. <i>Chemical Communications</i> , 2020, 56, 8468-8471.	4.1	12
46	The serendipitous effect of KF in Ritter reaction: Photo-induced amino-alkylation of alkenes. <i>IScience</i> , 2021, 24, 102969.	4.1	11
47	Electrochemically driven regioselective C-H phosphorylation of group 8 metallocenes. <i>Nature Communications</i> , 2022, 13, .	12.8	11
48	Copper-catalyzed boroacylation of allenes to access tetrasubstituted vinylboronates. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 9253-9260.	2.8	9
49	Catalytic Biomimetic Asymmetric Reduction of Alkenes and Imines Enabled by Chiral and Regenerable NAD(P)H Models. <i>Angewandte Chemie</i> , 2019, 131, 1827-1831.	2.0	7
50	Pd-Catalyzed Redox Divergent Coupling of Ketones with Terpenols. <i>ACS Catalysis</i> , 2021, 11, 6825-6834.	11.2	7
51	Catalytic prenylation and reverse prenylation of aromatics. <i>Trends in Chemistry</i> , 2022, 4, 658-675.	8.5	7
52	Bioinspired and Ligand-Regulated Unnatural Prenylation and Geranylation of Oxindoles with Isoprene under Pd Catalysis. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	7
53	Rhodium-Catalyzed Deuterated Tsuji-Wilkinson Decarbonylation of Aldehydes with Deuterium Oxide. <i>Journal of the American Chemical Society</i> , 2022, 144, 11081-11087.	13.7	7
54	Photo-Induced Construction of α -N-Aryl Amides by Fe Catalysis. <i>European Journal of Organic Chemistry</i> , 2022, 2022, .	2.4	6

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55	Thieme Chemistry Journal Awardees - Where Are They Now? Bifunctional Silver Acetate Catalyzed Asymmetric Mannich-Type Reactions. <i>Synlett</i> , 2009, 2009, 2236-2241.	1.8	5
56	Ruthenium(II)-catalyzed intermolecular annulation of alkenyl sulfonamides with alkynes: access to bicyclic sultams. <i>Chemical Communications</i> , 2020, 56, 2614-2617.	4.1	5
57	Visible Light Induced Bifunctional Rhodium Catalysis for Decarbonylative Coupling of Imides with Alkynes. <i>Angewandte Chemie</i> , 2021, 133, 1607-1611.	2.0	5
58	Synthesis of MeO-PEG-Supported Ferrocenyloxazoline Ligands and Their Application in Asymmetric Catalysis. <i>Acta Chimica Sinica</i> , 2013, 71, 40.	1.4	5
59	CPA-catalyzed multicomponent reaction of anilines, aldehydes, and azetidinones: Rapid access to enantiopure-fused azetidines. <i>Chem Catalysis</i> , 2022, 2, 2024-2033.	6.1	4
60	Isoprene: A Promising Coupling Partner in C-H Functionalizations. <i>Synlett</i> , 2020, 31, 1649-1655.	1.8	3
61	A Novel Nickel(0)-Catalyzed Cascade Ullmann-Pinacol Coupling: From o-Bromobenzaldehyde to trans-9,10-Dihydroxy-9,10-dihydrophenanthrene. <i>Synlett</i> , 2007, 2007, 2101-2105.	1.8	2
62	Redox-Divergent Construction of (Dihydro)thiophenes with DMSO. <i>Angewandte Chemie</i> , 2021, 133, 24486-24493.	2.0	2
63	Photo-induced catalytic C-H heteroarylation of group 8 metallocenes. <i>Cell Reports Physical Science</i> , 2022, 3, 100768.	5.6	2
64	Transition Metal-Catalyzed Decarbonylative Functionalization of Phthalimides. <i>Synthesis</i> , 0, , .	2.3	1