

Yuanyuan Liu

List of Publications by Year in descending order

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23
papers

1,217
citations

430874

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Phosphine-Catalyzed Asymmetric Intermolecular Cross-Vinyllogous <i>Curtius</i> Reactions of Vinyl Ketones with <i>para</i> -Quinone Methides. <i>ACS Catalysis</i> , 2017, 7, 2805-2809.	11.2	144
2	Iridium-Catalyzed Asymmetric Hydrogenation of α,β -Alkylidene Succinimides. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 2203-2206.	13.8	111
3	Enantioselective Regiodivergent Synthesis of Chiral Pyrrolidines with Two Quaternary Stereocenters via Ligand-Controlled Copper(I)-Catalyzed Asymmetric 1,3-Dipolar Cycloadditions. <i>Journal of the American Chemical Society</i> , 2018, 140, 2272-2283.	13.7	108
4	Mechanism of the Asymmetric Hydrogenation of Exocyclic α,β -Unsaturated Carbonyl Compounds with an Iridium/BiphPhox Catalyst: NMR and DFT Studies. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1901-1905.	13.8	106
5	Iridium-Catalyzed Highly Enantioselective Hydrogenation of Exocyclic α,β -Unsaturated Carbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1841-1845.	4.3	105
6	Regeneration of Metal Sulfides in the Delithiation Process: The Key to Cyclic Stability. <i>Advanced Energy Materials</i> , 2016, 6, 1601056.	19.5	93
7	Copper-Catalyzed Synthesis of Substituted Quinolines via C-N Coupling/Condensation from <i>ortho</i> -Acylanilines and Alkenyl Iodides. <i>Journal of Organic Chemistry</i> , 2015, 80, 1275-1278.	3.2	61
8	3D Hierarchical Co-Al Layered Double Hydroxides with Long-Term Stabilities and High Rate Performances in Supercapacitors. <i>Nano-Micro Letters</i> , 2017, 9, 21.	27.0	58
9	Chiral ligands designed in China. <i>National Science Review</i> , 2017, 4, 326-358.	9.5	57
10	Base-Promoted Tandem Reaction Involving Insertion into Carbon-Carbon σ -Bonds: Synthesis of Xanthone and Chromone Derivatives. <i>Chemistry - A European Journal</i> , 2016, 22, 12655-12659.	3.3	46
11	Mechanism of Asymmetric Hydrogenation of β -Dehydroamino Acids Catalyzed by Rhodium Complexes: Large-Scale Experimental and Computational Study. <i>ACS Catalysis</i> , 2014, 4, 203-219.	11.2	43
12	Metal/Benzoyl Peroxide (BPO)-Controlled Chemoselective Cycloisomerization of (<i>ortho</i> -Alkynyl)phenyl Enaminones: Synthesis of α -Naphthylamines and Indeno[1,2- <i>c</i>]pyrrolones. <i>Organic Letters</i> , 2016, 18, 5150-5153.	4.6	36
13	Iridium-catalyzed asymmetric hydrogenation of 3-substituted unsaturated oxindoles to prepare C3-mono substituted oxindoles. <i>Tetrahedron</i> , 2011, 67, 8445-8450.	1.9	34
14	LDA-Promoted Synthesis of 3-Amino Furans by Selective Lithiation of Enaminones. <i>Journal of Organic Chemistry</i> , 2015, 80, 12641-12645.	3.2	28
15	Lewis Base/Brønsted Acid Co-Catalyzed Asymmetric Thiolation of Alkenes with Acid-Controlled Divergent Regioselectivity. <i>Chemistry - A European Journal</i> , 2019, 25, 15411-15418.	3.3	26
16	Direct experimental and computational evidence for the dihydride pathway in TangPHOS-Rh catalysed asymmetric hydrogenation. <i>Dalton Transactions</i> , 2014, 43, 1785-1790.	3.3	21
17	Iridium-Catalyzed Asymmetric Hydrogenation of Unsaturated Piperazineones. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1933-1941.	4.3	18
18	Convenient synthesis of tropos phosphine-oxazoline ligands. <i>Science China Chemistry</i> , 2011, 54, 87-94.	8.2	16

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19	Base-Promoted Approach to Highly Functionalized Conjugated Dienes through Enamine Migration. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 7984-7991.	2.4	13
20	Cu(I)-catalyzed Michael addition of ketiminoesters to β -trifluoromethyl β,β -disubstituted enones: rapid access to 1-pyrrolines bearing a quaternary all-carbon stereocenter. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1772-1776.	4.5	12
21	Regiospecific and site-selective C-H allylation of phenols with vinyldiazo compounds catalyzed by In(III). <i>Organic Chemistry Frontiers</i> , 2021, 8, 6252-6258.	4.5	6
22	Al ₂ O ₃ -coated metal sulfides: one-pot synthesis and enhanced lithium storage stability via localized in situ conversion reactions. <i>Dalton Transactions</i> , 2017, 46, 1260-1265.	3.3	5
23	Dearomative Iodocyclization of <i>N</i> -(<i>o</i> -Alkynyl)aryl Isoindole. <i>Journal of Organic Chemistry</i> , 2022, 87, 7531-7535.	3.2	4