

Yining Ji

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

1,442
citations

567281

15
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

1880
citing authors

#	ARTICLE	IF	CITATIONS
1	Benzylic Photobromination for the Synthesis of Belzutifan: Elucidation of Reaction Mechanisms Using In Situ LED-NMR. <i>Journal of Organic Chemistry</i> , 2022, 87, 2055-2062.	3.2	19
2	Manufacturing Process Development for Belzutifan, Part 2: A Continuous Flow Visible-Light-Induced Benzylic Bromination. <i>Organic Process Research and Development</i> , 2022, 26, 516-524.	2.7	49
3	Highly Enantioselective Rhodium-Catalyzed Transfer Hydrogenation of Tetrasubstituted Olefins: Application toward the Synthesis of GPR40 Agonist MK-2305. <i>Organic Letters</i> , 2022, 24, 3254-3258.	4.6	4
4	Kilo-Scale Electrochemical Oxidation of a Thioether to a Sulfone: A Workflow for Scaling up Electrosynthesis. <i>Organic Process Research and Development</i> , 2022, 26, 2423-2437.	2.7	25
5	Organocatalytic Conversion of Nucleosides to Furanoid Glycals. <i>Journal of Organic Chemistry</i> , 2021, 86, 7529-7536.	3.2	6
6	New Mechanism for Cinchona Alkaloid-Catalysis Allows for an Efficient Thiophosphorylation Reaction. <i>Journal of the American Chemical Society</i> , 2020, 142, 20021-20029.	13.7	14
7	LED-Illuminated NMR Spectroscopy: A Practical Tool for Mechanistic Studies of Photochemical Reactions. <i>ChemPhotoChem</i> , 2019, 3, 984-992.	3.0	53
8	Development of an automated kinetic profiling system with online HPLC for reaction optimization. <i>Reaction Chemistry and Engineering</i> , 2019, 4, 1555-1558.	3.7	29
9	Facile Quantum Yield Determination via NMR Actinometry. <i>Organic Letters</i> , 2018, 20, 2156-2159.	4.6	53
10	Discovery of a Photoinduced Dark Catalytic Cycle Using <i>in Situ</i> LED-NMR Spectroscopy. <i>Journal of the American Chemical Society</i> , 2018, 140, 13843-13853.	13.7	30
11	A rational pre-catalyst design for bis-phosphine mono-oxide palladium catalyzed reactions. <i>Chemical Science</i> , 2017, 8, 2841-2851.	7.4	24
12	A multifunctional catalyst that stereoselectively assembles prodrugs. <i>Science</i> , 2017, 356, 426-430.	12.6	116
13	Oxyfunctionalization of the Remote C-H Bonds of Aliphatic Amines by Decatungstate Photocatalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15274-15278.	13.8	109
14	Oxyfunctionalization of the Remote C-H Bonds of Aliphatic Amines by Decatungstate Photocatalysis. <i>Angewandte Chemie</i> , 2017, 129, 15476-15480.	2.0	25
15	Mechanistic Insights into the Vanadium-Catalyzed Achmatowicz Rearrangement of Furfurol. <i>Journal of Organic Chemistry</i> , 2015, 80, 1696-1702.	3.2	30
16	Enantioselective Synthesis of Hemiaminals via Pd-Catalyzed C-N Coupling with Chiral Bisphosphine Mono-oxides. <i>Journal of the American Chemical Society</i> , 2015, 137, 13728-13731.	13.7	88
17	Mono-Oxidation of Bidentate Bis-phosphines in Catalyst Activation: Kinetic and Mechanistic Studies of a Pd/Xantphos-Catalyzed C-H Functionalization. <i>Journal of the American Chemical Society</i> , 2015, 137, 13272-13281.	13.7	94
18	The role of reversibility in the enantioselective conjugate addition of β,β -disubstituted aldehydes to nitro-olefins catalyzed by primary amine thioureas. <i>Catalysis Science and Technology</i> , 2014, 4, 3505-3509.	4.1	6

#	ARTICLE	IF	CITATIONS
19	Innate C-H trifluoromethylation of heterocycles. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 14411-14415.	7.1	667