

# Pengfei Zhou

## List of Publications by Year in descending order

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Version: 2024-02-01

19  
papers

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citations

516710

16  
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839539

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21  
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21  
docs citations

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times ranked

912  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable layered Ni-rich $\text{LiNi}_{0.9}\text{Co}_{0.07}\text{Al}_{0.03}\text{O}_2$ microspheres assembled with nanoparticles as high-performance cathode materials for lithium-ion batteries. <i>Journal of Materials Chemistry A</i> , 2017, 5, 2724-2731.	10.3	165
2	Gold(I)/Chiral $\text{N}(\text{Dioxido})\text{Ni}(\text{II})$ Relay Catalysis for Asymmetric Tandem Intermolecular Hydroalkoxylation/Claisen Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 885-888.	13.8	97
3	Iron-Catalyzed Asymmetric Haloazidation of $\hat{1},\hat{2}$ -Unsaturated Ketones: Construction of Organic Azides with Two Vicinal Stereocenters. <i>Journal of the American Chemical Society</i> , 2017, 139, 13414-13419.	13.7	77
4	Iron-catalyzed asymmetric haloamination reactions. <i>Chemical Communications</i> , 2013, 49, 8054.	4.1	69
5	Asymmetric Synthesis of Spirocyclic Oxindole-Fused Tetrahydrothiophenes via $\text{N}(\text{Dioxido})\text{Ni}(\text{II})$ Catalyzed Domino Reaction of 1,4-Dithiane-2,5-diol with 3-Alkenyloxindoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 695-700.		49
6	Asymmetric Catalytic Halofunctionalization of $\hat{1},\hat{2}$ -Unsaturated Carbonyl Compounds. <i>Journal of Organic Chemistry</i> , 2019, 84, 1-13.	3.2	47
7	Catalytic Asymmetric Intra- and Intermolecular Haloetherification of Enones: An Efficient Approach to ( $\hat{\alpha}$ )-Centrolobine. <i>ACS Catalysis</i> , 2016, 6, 7778-7783.	11.2	44
8	Diastereoselectively Switchable Asymmetric Haloaminocyclization for the Synthesis of Cyclic Sulfamates. <i>Chemistry - A European Journal</i> , 2015, 21, 6386-6389.	3.3	38
9	Enantioselective Construction of Quaternary Stereogenic Centers by the Addition of an Acyl Anion Equivalent to 1,3-Dienes. <i>Organic Letters</i> , 2020, 22, 2032-2037.	4.6	34
10	Gold(I)/Chiral $\text{N}(\text{Dioxido})\text{Ni}(\text{II})$ Relay Catalysis for Asymmetric Tandem Intermolecular Hydroalkoxylation/Claisen Rearrangement. <i>Angewandte Chemie</i> , 2017, 129, 903-906.	2.0	31
11	Catalytic Asymmetric Construction of $\hat{1},\hat{2}$ -Azido Amides and Esters via Haloazidation. <i>Organic Letters</i> , 2019, 21, 1170-1175.	4.6	28
12	A Diastereodivergent and Enantioselective Approach to <i>syn</i> - and <i>anti</i> -Diamines: Development of 2-Azatrienes for Cu-Catalyzed Reductive Couplings with Imines That Furnish Allylic Amines. <i>Journal of the American Chemical Society</i> , 2021, 143, 13999-14008.	13.7	28
13	A $\text{N}(\text{Dioxido})\text{Mg}(\text{OTf})_2$ complex catalyzed enantioselective $\hat{1},\hat{2}$ -addition of isocyanides to alkylidene malonates. <i>Chemical Science</i> , 2016, 7, 4736-4740.	7.4	24
14	Asymmetric synthesis of polysubstituted methylenecyclobutanes via catalytic [2+2] cycloaddition reactions of <i>N</i> -allenamides. <i>Chemical Communications</i> , 2018, 54, 10511-10514.	4.1	23
15	Catalytic Asymmetric Halohydroxylation of $\hat{1},\hat{2}$ -Unsaturated Ketones with Water as the Nucleophile. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1982-1987.	4.3	22
16	Chiral $\text{N}(\text{Dioxido})\text{Sc}(\text{NTf}_2)_3$ complex-catalyzed asymmetric bromoamination of chalcones with N-bromosuccinimide as both bromine and amide source. <i>Chemical Communications</i> , 2017, 53, 3462-3465.	4.1	18
17	A nickel-catalyzed asymmetric intramolecular Alder-ene reaction of 1,7-dienes. <i>Chemical Communications</i> , 2019, 55, 4479-4482.	4.1	16
18	Chiral $\text{Fe}(\text{Dioxido})$ complex catalyzed enantioselective [1,3] O-to-C rearrangement of alkyl vinyl ethers and synthesis of chromanols and beyond. <i>Chemical Science</i> , 2020, 11, 10101-10106.	7.4	10

#	ARTICLE	IF	CITATIONS
19	Power losses in T-type and NPC inverters with SHEPWM strategy. , 2017, , .		1