Niankai Fu

List of Publications by Year
in descending order

28 papers	2,968 citations	318942 23 h-index	563245 28 g-index
30 all docs	30 docs citations	30 times ranked	1952 citing authors

#	Article	IF	Citations
1	Single-Electron Strategies in Organometallic Methods: Photoredox, Electrocatalysis, Radical Relay, and Beyond. , 2022, , 339-403.		4
2	A time of transition: Stories from starting a new research program in 2020. IScience, 2021, 24, 102308.	1.9	1
3	Reaching the Full Potential of Electroorganic Synthesis by Paired Electrolysis. Chemical Record, 2021, 21, 2574-2584.	2.9	44
4	Harnessing Radical Chemistry via Electrochemical Transition Metal Catalysis. IScience, 2020, 23, 101796.	1.9	29
5	Catalytic Asymmetric Electrochemical Î±â€Arylation of Cyclic Î²â€Ketocarbonyls with Anodic Benzyne Intermediates. Angewandte Chemie - International Edition, 2020, 59, 14347-14351.	7.2	70
6	Dual electrocatalysis enables enantioselective hydrocyanation of conjugated alkenes. Nature Chemistry, 2020, 12, 747-754.	6.6	176
7	Catalytic Asymmetric Electrochemical Î±â€Arylation of Cyclic Î²â€Ketocarbonyls with Anodic Benzyne Intermediates. Angewandte Chemie, 2020, 132, 14453-14457.	1.6	11
8	Catalyzing Electrosynthesis: A Homogeneous Electrocatalytic Approach to Reaction Discovery. Accounts of Chemical Research, 2020, 53, 547-560.	7.6	460
9	New Bisoxazoline Ligands Enable Enantioselective Electrocatalytic Cyanofunctionalization of Vinylarenes. Journal of the American Chemical Society, 2019, 141, 14480-14485.	6.6	164
10	Three-Component Chlorophosphinoylation of Alkenes via Anodically Coupled Electrolysis. Synlett, 2019, 30, 1199-1203.	1.0	33
11	Mn-Catalyzed Electrochemical Chloroalkylation of Alkenes. ACS Catalysis, 2019, 9, 746-754.	5.5	80
12	Anodically Coupled Electrolysis for the Heterodifunctionalization of Alkenes. Journal of the American Chemical Society, 2018, 140, 2438-2441.	6.6	208
13	Catalytic asymmetric enamine protonation reaction. Organic and Biomolecular Chemistry, 2018, 16, 510-520.	1.5	19
14	Electrocatalytic Difunctionalization of Olefins as a General Approach to the Synthesis of Vicinal Diamines. Synlett, 2018, 29, 257-265.	1.0	72
15	Electrochemical Azidooxygenation of Alkenes Mediated by a TEMPOâ€“N₃ Charge-Transfer Complex. Journal of the American Chemical Society, 2018, 140, 12511-12520.	6.6	140
16	Synthesis of Chlorotrifluoromethylated Pyrrolidines by Electrocatalytic Radical Eneâ€Yne Cyclization. Chemistry - A European Journal, 2018, 24, 12274-12279.	1.7	81
17	A general, electrocatalytic approach to the synthesis of vicinal diamines. Nature Protocols, 2018, 13, 1725-1743.	5.5	48
18	Catalytic Asymmetric Electrochemical Oxidative Coupling of Tertiary Amines with Simple Ketones. Organic Letters, 2017, 19, 2122-2125.	2.4	153

#	Article	IF	Citations
19	Electrocatalytic Radical Dichlorination of Alkenes with Nucleophilic Chlorine Sources. Journal of the American Chemical Society, 2017, 139, 15548-15553.	6.6	206
20	Metal-catalyzed electrochemical diazidation of alkenes. Science, 2017, 357, 575-579.	6.0	524
21	Chiral Primary Amine Catalyzed Asymmetric Michael Addition of Malononitrile to Î±-Substituted Vinyl Ketone. Organic Letters, 2015, 17, 382-385.	2.4	22
22	Pushing the Limits of Aminocatalysis: Enantioselective Transformations of Î±-Branched Î²-Ketocarbonyls and Vinyl Ketones by Chiral Primary Amines. Accounts of Chemical Research, 2015, 48, 986-997.	7.6	142
23	Chiral primary amine catalysed asymmetric conjugate addition of azoles to Î±-substituted vinyl ketones. Organic Chemistry Frontiers, 2014, 1, 68-72.	2.3	29
24	Asymmetric Sulfa-Michael Addition to Î±-Substituted Vinyl Ketones Catalyzed by Chiral Primary Amine. Organic Letters, 2014, 16, 4626-4629.	2.4	42
25	Chiral Primaryâ€Amineâ€Catalyzed Conjugate Addition to Î±â€Substituted Vinyl Ketones/Aldehydes: Divergent Stereocontrol Modes on Enamine Protonation. Chemistry - A European Journal, 2013, 19, 15669-15681.	1.7	28
26	Chiral Primary Amine Catalyzed Enantioselective Protonation via an Enamine Intermediate. Angewandte Chemie - International Edition, 2011, 50, 11451-11455.	7.2	75
27	Chiral Primary Amine Catalyzed Asymmetric Epoxidation of Î±â€Substituted Acroleins. European Journal of Organic Chemistry, 2010, 2010, 6840-6849.	1.2	32
28	Chiral Primaryâ^'Tertiary Diamineâ^'BrÃ¸nsted Acid Salt Catalyzed Syn-Selective Cross-Aldol Reaction of Aldehydes. Journal of Organic Chemistry, 2010, 75, 4501-4507.	1.7	53