

# Chang Guo

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

2,850  
citations

279798

23  
h-index

434195

31  
g-index

35  
all docs

35  
docs citations

35  
times ranked

2118  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cooperative N-Heterocyclic Carbene/Palladium-Catalyzed Enantioselective Umpolung Annulations. <i>Journal of the American Chemical Society</i> , 2016, 138, 7840-7843.	13.7	295
2	Chiral Brønsted Acid-Catalyzed Direct Asymmetric Mannich Reaction. <i>Journal of the American Chemical Society</i> , 2007, 129, 3790-3791.	13.7	246
3	Core-Structure-Oriented Asymmetric Organocatalytic Substitution of 3-Hydroxyoxindoles: Application in the Enantioselective Total Synthesis of (+)-Folicanthine. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 1046-1050.	13.8	233
4	Enantioselective Oxidative Cross-Coupling Reaction of $\alpha$ -Indolylmethyl C-H Bonds with 1,3-Dicarbonyls Using a Chiral Lewis Acid-Bonded Nucleophile to Control Stereochemistry. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 5558-5562.	13.8	192
5	Organocatalytic Asymmetric Formal [3+2] Cycloaddition Reaction of Isocyanooesters to Nitroolefins Leading to Highly Optically Active Dihydropyrroles. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 3414-3417.	13.8	180
6	N-Heterocyclic Carbene Catalyzed Formal [3+2] Annulation Reaction of Enals: An Efficient Enantioselective Access to Spiro-Heterocycles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10232-10236.	13.8	172
7	Mechanistic Studies on a Cooperative NHC Organocatalysis/Palladium Catalysis System: Uncovering Significant Lessons for Mixed Chiral Pd(NHC)(PR <sub>3</sub> ) <sub>3</sub> Catalyst Design. <i>Journal of the American Chemical Society</i> , 2017, 139, 4443-4451.	13.7	171
8	N-Heterocyclic Carbene Catalyzed Switchable Reactions of Enals with Azoalkenes: Formal [4 + 3] and [4 + 1] Annulations for the Synthesis of 1,2-Diazepines and Pyrazoles. <i>Journal of the American Chemical Society</i> , 2014, 136, 17402-17405.	13.7	168
9	Switchable selectivity in an NHC-catalysed dearomatizing annulation reaction. <i>Nature Chemistry</i> , 2015, 7, 842-847.	13.6	161
10	Enantioselective Organocatalytic Construction of Hexahydropyrroloindole by Means of $\alpha$ -Alkylation of Aldehydes Leading to the Total Synthesis of (+)-Gliocladin C. <i>Chemistry - A European Journal</i> , 2013, 19, 3319-3323.	3.3	124
11	Asymmetric Electrochemical Transformations. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 12612-12622.	13.8	124
12	Asymmetric Formal [3+2] Cycloaddition Reaction of Isocyanooesters to $\alpha$ -Oxobutenoate Esters by a Multifunctional Chiral Silver Catalyst. <i>Chemistry - A European Journal</i> , 2011, 17, 7786-7790.	3.3	94
13	Biomimetic Asymmetric 1,3-Dipolar Cycloaddition: Amino Acid Precursors in Biosynthesis Serve as Latent Azomethine Ylides. <i>Organic Letters</i> , 2013, 15, 2676-2679.	4.6	93
14	Asymmetric Lewis Acid Catalyzed Electrochemical Alkylation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 6999-7003.	13.8	84
15	Cooperative Ni/Cu-Catalyzed Asymmetric Propargylic Alkylation of Aldimine Esters. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 14270-14274.	13.8	66
16	Catalytic stereodivergent total synthesis of amathaspiramide D. , 2022, 1, 393-400.		46
17	Asymmetric Electrochemical Transformations. <i>Angewandte Chemie</i> , 2020, 132, 12712-12722.	2.0	38
18	Enantioselective $\beta$ -Addition of Pyrazole and Imidazole Heterocycles to Allenates Catalyzed by Chiral Phosphine. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 2854-2858.	13.8	36

#	ARTICLE	IF	CITATIONS
19	Combining nickel and squaramide catalysis for the stereodivergent $\hat{\pm}$ -propargylation of oxindoles. , 2022, 1, 322-331.		36
20	Switchable Smiles Rearrangement for Enantioselective <i>O</i> -Aryl Amination. Organic Letters, 2019, 21, 4915-4918.	4.6	34
21	Collective synthesis of acetylenic pharmaceuticals via enantioselective Nickel/Lewis acid-catalyzed propargylic alkylation. Nature Communications, 2021, 12, 299.	12.8	33
22	Merging Electrosynthesis and Bifunctional Squaramide Catalysis in the Asymmetric Detrifluoroacetylativ Alkylation Reactions. Angewandte Chemie - International Edition, 2020, 59, 18500-18504.	13.8	32
23	Copper-Catalyzed Enantioselective Difluoromethylation of Amino Acids via Difluorocarbene. Journal of the American Chemical Society, 2021, 143, 6376-6381.	13.7	32
24	Electrochemical Reductive Smiles Rearrangement for C=N Bond Formation. Organic Letters, 2019, 21, 10-13.	4.6	31
25	Asymmetric Electrochemical Arylation in the Formal Synthesis of (+)-Amurensinine. CCS Chemistry, 2021, 3, 338-347.	7.8	27
26	Asymmetric Lewis Acid Catalyzed Electrochemical Alkylation. Angewandte Chemie, 2019, 131, 7073-7077.	2.0	21
27	Ni/Chiral Sodium Carboxylate Dual Catalyzed Asymmetric O-Propargylation. Journal of the American Chemical Society, 2021, 143, 21048-21055.	13.7	21
28	Enantioselective [4+2] Annulation to the Concise Synthesis of Chiral Dihydrocarbazoles. IScience, 2020, 23, 100840.	4.1	16
29	Enantioselective $\hat{3}$ -Addition of Pyrazole and Imidazole Heterocycles to Allenolates Catalyzed by Chiral Phosphine. Angewandte Chemie, 2019, 131, 2880-2884.	2.0	13
30	Asymmetric Synthesis of Chiral Oxazolines by Organocatalytic Cyclization of $\hat{\pm}$ -Aryl Isocyanooesters with Aldehydes. Synlett, 2009, 2009, 2191-2197.	1.8	10
31	Cooperative Ni/Cu-Catalyzed Asymmetric Propargylic Alkylation of Aldimine Esters. Angewandte Chemie, 2020, 132, 14376-14380.	2.0	9
32	Electrodimerization of <i>N</i> -Alkoxyamides for the Synthesis of Hydrazines. Journal of Organic Chemistry, 2021, 86, 16068-16076.	3.2	8
33	Merging Electrosynthesis and Bifunctional Squaramide Catalysis in the Asymmetric Detrifluoroacetylativ Alkylation Reactions. Angewandte Chemie, 2020, 132, 18658-18662.	2.0	4
34	(Invited) Chiral Lewis Acid-Catalyzed Asymmetric Electrochemical Reactions. ECS Meeting Abstracts, 2021, MA2021-01, 1736-1736.	0.0	0