

# Yong-Yuan Gui

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

1,969  
citations

394421

19  
h-index

677142

22  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1689  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Regio- and Enantioselective Copper-Catalyzed Reductive Hydroxymethylation of Styrenes and 1,3-Dienes with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2017, 139, 17011-17014.	13.7	187
2	Visible-Light-Driven Palladium-Catalyzed Radical Alkylation of C <sup>α</sup> -H Bonds with Unactivated Alkyl Bromides. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15683-15687.	13.8	181
3	Photoredox sheds new light on nickel catalysis: from carbon-carbon to carbon-heteroatom bond formation. <i>Organic Chemistry Frontiers</i> , 2016, 3, 522-526.	4.5	156
4	Visible-Light-Driven External-Reductant-Free Cross-Electrophile Couplings of Tetraalkyl Ammonium Salts. <i>Journal of the American Chemical Society</i> , 2018, 140, 17338-17342.	13.7	152
5	Visible-Light-Driven Catalytic Reductive Carboxylation with CO <sub>2</sub> . <i>ACS Catalysis</i> , 2020, 10, 10871-10885.	11.2	146
6	Photochemical Carboxylation of Activated C(sp <sup>3</sup> ) <sup>α</sup> -H Bonds with CO <sub>2</sub> . <i>ChemSusChem</i> , 2017, 10, 1337-1340.	6.8	117
7	Highly Selective and Catalytic Generation of Acyclic Quaternary Carbon Stereocenters via Functionalization of 1,3-Dienes with CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2019, 141, 18825-18835.	13.7	104
8	Copper-Catalyzed Carboxylation of C-F Bonds with CO <sub>2</sub> . <i>ACS Catalysis</i> , 2019, 9, 6987-6992.	11.2	101
9	Oxy-Difluoroalkylation of Allylamines with CO <sub>2</sub> via Visible-Light Photoredox Catalysis. <i>Organic Letters</i> , 2018, 20, 190-193.	4.6	98
10	Phosphorylation of Alkenyl and Aryl C=O Bonds via Photoredox/Nickel Dual Catalysis. <i>Organic Letters</i> , 2017, 19, 3735-3738.	4.6	92
11	CO <sub>2</sub> = CO + [O]: recent advances in carbonylation of C-H bonds with CO <sub>2</sub> . <i>Chemical Communications</i> , 2020, 56, 8355-8367.	4.1	87
12	Î±-Amino Acids and Peptides as Bifunctional Reagents: Carbocarboxylation of Activated Alkenes via Recycling CO <sub>2</sub> . <i>Journal of the American Chemical Society</i> , 2021, 143, 2812-2821.	13.7	84
13	Merging Transition-Metal Catalysis with Photoredox Catalysis: An Environmentally Friendly Strategy for C-H Functionalization. <i>Synthesis</i> , 2018, 50, 3359-3378.	2.3	78
14	Asymmetric Synthesis of 3,3 <sup>ε</sup> -Spirooxindoles Fused with Cyclobutanes through Organocatalytic Formal [2 + 2] Cycloadditions under H-Bond-Directing Dienamine Activation. <i>Organic Letters</i> , 2014, 16, 6436-6439.	4.6	77
15	Nickel-Catalyzed Asymmetric Reductive Carbo-Carboxylation of Alkenes with CO <sub>2</sub> . <i>Angewandte Chemie - International Edition</i> , 2021, 60, 14068-14075.	13.8	77
16	Recent advances in asymmetric synthesis with CO <sub>2</sub> . <i>Science China Chemistry</i> , 2020, 63, 1336-1351.	8.2	74
17	A cinchona alkaloid catalyzed enantioselective sulfa-Michael/aldol cascade reaction of isoindigos: construction of chiral bispirooxindole tetrahydrothiophenes with vicinal quaternary spirocenters. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 6371-6379.	2.8	56
18	Visible-Light-Driven Palladium-Catalyzed Radical Alkylation of C <sup>α</sup> -H Bonds with Unactivated Alkyl Bromides. <i>Angewandte Chemie</i> , 2017, 129, 15889-15893.	2.0	36

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19	Coupling of C(sp <sup>3</sup> )-H bonds with C(sp <sup>2</sup> )-O electrophiles: mild, general and selective. <i>Chemical Communications</i> , 2017, 53, 1192-1195.	4.1	29
20	Arylation of Aniline C(sp <sup>3</sup> )-H Bonds with Phenols via an In Situ Activation Strategy. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 537-541.	2.7	17
21	Nickel-Catalyzed Asymmetric Reductive Carbo-Carboxylation of Alkenes with CO <sub>2</sub> . <i>Angewandte Chemie</i> , 2021, 133, 14187-14194.	2.0	11
22	Chiral $\beta$ -Arylethanamines: An Organocatalyst for the Enantioselective $\alpha$ -Amination of Branched Aldehydes. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2864-2868.	2.4	8