

# Chia-Yu Huang

## List of Publications by Year in descending order

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13  
papers

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citations

840776

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1125743

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	En Route to Intermolecular Cross-Dehydrogenative Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2019, 84, 12705-12721.	3.2	186
2	Diacetyl as a traceless visible light photosensitizer in metal-free cross-dehydrogenative coupling reactions. <i>Chemical Science</i> , 2019, 10, 5018-5024.	7.4	122
3	A cross-dehydrogenative C(sp <sup>3</sup> )H heteroarylation via photo-induced catalytic chlorine radical generation. <i>Nature Communications</i> , 2021, 12, 4010.	12.8	80
4	Aromatic Chemistry in the Excited State: Facilitating Metal-Free Substitutions and Cross-Couplings. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 1786-1796.	13.8	60
5	Metal-Free Direct Deoxygenative Borylation of Aldehydes and Ketones. <i>Journal of the American Chemical Society</i> , 2020, 142, 13011-13020.	13.7	55
6	Photocatalytic C(sp <sup>3</sup> ) radical generation via C-H, C-C, and C-X bond cleavage. <i>Chemical Science</i> , 2022, 13, 5465-5504.	7.4	45
7	Deoxygenative Functionalizations of Aldehydes, Ketones and Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	42
8	Development of a Quinolinium/Cobaloxime Dual Photocatalytic System for Oxidative C-C Cross-Couplings via H <sub>2</sub> Release. <i>ACS Catalysis</i> , 2021, 11, 14148-14158.	11.2	33
9	Cross-dehydrogenative coupling of unactivated alkanes. <i>Trends in Chemistry</i> , 2022, 4, 479-494.	8.5	21
10	Direct deoxygenative borylation of carboxylic acids. <i>Nature Communications</i> , 2021, 12, 4970.	12.8	20
11	Two-in-one metallaphotoredox cross-couplings enabled by a photoactive ligand. <i>Chem</i> , 2022, 8, 2419-2431.	11.7	17
12	Deoxygenative Functionalizations of Aldehydes, Ketones and Carboxylic Acids. <i>Angewandte Chemie</i> , 2022, 134, e202112770.	2.0	12
13	Aromatic Chemistry in the Excited State: Facilitating Metal-Free Substitutions and Cross-Couplings. <i>Angewandte Chemie</i> , 2020, 132, 1802-1812.	2.0	6