

# Yuxin Liu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Quantitative Evaluation of Carrier Dynamics in Full-Spectrum Responsive Metallic ZnIn <sub>2</sub> S <sub>4</sub> with Indium Vacancies for Boosting Photocatalytic CO <sub>2</sub> Reduction. <i>Nano Letters</i> , 2022, 22, 4970-4978.	9.1	54
2	Origin of the Photocatalytic Activity of Crystalline Phase Structures. <i>ACS Applied Energy Materials</i> , 2022, 5, 8923-8929.	5.1	2
3	An electrochemical modification strategy to fabricate NiFeCuPt polymetallic carbon matrices on nickel foam as stable electrocatalysts for water splitting. <i>Chemical Science</i> , 2022, 13, 8876-8884.	7.4	8
4	Novel Chiral Thiourea Derived from Hydroquinine and <i>l</i> -Phenylglycinol: An Effective Catalyst for Enantio- and Diastereoselective Aza-Henry Reaction. <i>ACS Omega</i> , 2021, 6, 5812-5824.	3.5	7
5	Synthesis of 4-Azaindolines Using Phase-Transfer Catalysis via an Intramolecular Mannich Reaction. <i>Journal of Organic Chemistry</i> , 2020, 85, 4047-4057.	3.2	13
6	Highly Enantioselective Synthesis of Acyclic <i>N,N</i> -Acetals by Chiral Urea Derived from Quinine Catalyzed the Addition of Aryl Amines to Isatin-Derived Ketimines. <i>Organic Letters</i> , 2019, 21, 5719-5724.	4.6	15
7	<i>L</i> -tert-Leucine derived urea-ammonium salts: Efficient bifunctional phase transfer catalysts for highly diastereo- and enantioselective aza-Henry reaction of isatin-derived <i>N</i> -Boc ketimines with $\hat{\pm}$ -aryl nitromethanes. <i>Tetrahedron</i> , 2019, 75, 2883-2892.	1.9	9
8	Diastereo- and enantioselective nitro-Mannich reaction of isatin-derived <i>N</i> -Boc ketimines catalyzed by chiral phase-transfer catalysts. <i>New Journal of Chemistry</i> , 2018, 42, 1608-1611.	2.8	8
9	Direct enantio- and diastereoselective Mannich reactions of isatin-derived ketimines with oxo-indanecarboxylates catalyzed by chiral thiourea derived from hydroquinidine. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 8927-8932.	2.8	6
10	Chiral Phase-transfer Catalysts Bearing Multiple Hydrogen-bonding Donors Derived from Amino Acids: Efficient Catalysts for Diastereo- and Enantioselective Nitro-Mannich Reaction. <i>Chemical Research in Chinese Universities</i> , 2018, 34, 333-337.	2.6	1
11	Asymmetric phase-transfer catalysts bearing multiple hydrogen-bonding donors: Synthesis and application in nitro-Mannich reaction of isatin-derived <i>N</i> -Boc ketimines. <i>Tetrahedron Letters</i> , 2017, 58, 2400-2403.	1.4	19
12	Novel $\hat{\pm}$ -amino acid-derived phase-transfer catalyst application to a highly enantio- and diastereoselective nitro-Mannich reaction. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9234-9242.	2.8	13
13	Asymmetric Phase-Transfer Catalysts Bearing Multiple Hydrogen-Bonding Donors: Highly Efficient Catalysts for Enantio- and Diastereoselective Nitro-Mannich Reaction of Amidosulfones. <i>Organic Letters</i> , 2014, 16, 6432-6435.	4.6	59