

# Yang Hu

## List of Publications by Year in descending order

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12  
papers

298  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
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12  
docs citations

12  
times ranked

347  
citing authors

#	ARTICLE	IF	CITATIONS
1	Transparent, conductive cellulose hydrogel for flexible sensor and triboelectric nanogenerator at subzero temperature. <i>Carbohydrate Polymers</i> , 2021, 265, 118078.	10.2	86
2	Amorphous Carbon-Derived Nanosheet-Bricked Porous Graphite as High-Performance Cathode for Aluminum-Ion Batteries. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 26510-26516.	8.0	56
3	Efficient access to chiral 1,2-amino alcohols via Ir/f-amphox-catalyzed asymmetric hydrogenation of $\alpha$ -amino ketones. <i>Organic Chemistry Frontiers</i> , 2017, 4, 1499-1502.	4.5	32
4	Iridium-Catalyzed Asymmetric Hydrogenation of Halogenated Ketones for the Efficient Construction of Chiral Halohydrins. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2119-2124.	4.3	31
5	High-performance triboelectric nanogenerator based on chitin for mechanical-energy harvesting and self-powered sensing. <i>Carbohydrate Polymers</i> , 2022, 291, 119586.	10.2	23
6	Highly enantioselective Ir/f-amphox-catalyzed hydrogenation of ketoamides: efficient access to chiral hydroxy amides. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2000-2003.	4.5	16
7	Recovery of Hydrogen and Sulfur by Electrolysis of Ionized $H_2S$ in an Amine-Containing Organic Electrolyte with Highly Temperature-Dependent Sulfur Solubility. <i>Energy &amp; Fuels</i> , 2020, 34, 7756-7762.	5.1	16
8	Analytical solution for vertical profile of streamwise velocity in open-channel flow with submerged vegetation. <i>Environmental Fluid Mechanics</i> , 2013, 13, 389-402.	1.6	15
9	Imidazolium Ions with an Alcohol Substituent for Enhanced Electrocatalytic Reduction of $CO_2$ . <i>ChemSusChem</i> , 2017, 10, 4824-4828.	6.8	11
10	Rapid proton diffusion in hydroxyl functionalized imidazolium ionic liquids. <i>Science China Chemistry</i> , 2017, 60, 734-739.	8.2	6
11	Electrochemical detection of $SO_2$ in a hydroxyl functionalized and eutectic-based ionic liquid. <i>Functional Materials Letters</i> , 2019, 12, 1950084.	1.2	6
12	The Principle of Detect $SO_2$ Concentration by Using the Electrochemical Method in Ionic Liquid. <i>Wuhan University Journal of Natural Sciences</i> , 2019, 24, 400-404.	0.4	0