

# Heena Yang

## List of Publications by Year in descending order

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15  
papers

741  
citations

933447

10  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

980  
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective Borohydride Oxidation Reaction on Nickel Catalyst with Anion and Cation Exchange Ionomer for High-Performance Direct Borohydride Fuel Cells. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	8
2	Complex hydrides for CO <sub>2</sub> reduction. <i>MRS Bulletin</i> , 2022, 47, 424-431.	3.5	6
3	Direct CO <sub>2</sub> Capture and Reduction to High-End Chemicals with Tetraalkylammonium Borohydrides. <i>Angewandte Chemie</i> , 2021, 133, 9666-9675.	2.0	2
4	Direct CO <sub>2</sub> Capture and Reduction to High-End Chemicals with Tetraalkylammonium Borohydrides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9580-9589.	13.8	28
5	Crystal Structural Investigations for Understanding the Hydrogen Storage Properties of YMgNi <sub>4</sub> -Based Alloys. <i>ACS Omega</i> , 2020, 5, 31192-31198.	3.5	22
6	Solvent- and Catalyst-Free Carbon Dioxide Capture and Reduction to Formate with Borohydride Ionic Liquid. <i>ChemSusChem</i> , 2020, 13, 2025-2031.	6.8	31
7	Interfacial Effect between Aluminum-Based Complex Hydrides and Nickel-Containing Porous Carbon Sheets. <i>ACS Applied Energy Materials</i> , 2020, 3, 9685-9695.	5.1	6
8	Nitrogen-doped carbon black supported Pt-M (M = Pd, Fe, Ni) alloy catalysts for oxygen reduction reaction in proton exchange membrane fuel cell. <i>Materials Today Energy</i> , 2019, 13, 374-381.	4.7	37
9	Application of hydrides in hydrogen storage and compression: Achievements, outlook and perspectives. <i>International Journal of Hydrogen Energy</i> , 2019, 44, 7780-7808.	7.1	486
10	Study of borohydride ionic liquids as hydrogen storage materials. <i>Journal of Energy Chemistry</i> , 2019, 33, 17-21.	12.9	36
11	Experimental performance investigation of a 2 kW methanation reactor. <i>Sustainable Energy and Fuels</i> , 2018, 2, 1101-1110.	4.9	14
12	Hydrogen storage properties of various carbon supported NaBH <sub>4</sub> prepared via metathesis. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 7108-7116.	7.1	37
13	Destabilizing sodium borohydride with an ionic liquid. <i>Materials Today Energy</i> , 2018, 9, 391-396.	4.7	10
14	Effect of Boron Doping On Graphene Oxide for Ammonia Adsorption. <i>ChemNanoMat</i> , 2017, 3, 794-797.	2.8	16
15	Studies on Adsorption and Desorption of Ammonia Using Covalent Organic Framework COF-10. <i>Applied Chemistry for Engineering</i> , 2016, 27, 265-269.	0.2	2