

# Runbo Zhao

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3374312/publications.pdf>

Version: 2024-02-01

16  
papers

1,600  
citations

566801

15  
h-index

940134

16  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2005  
citing authors

#	ARTICLE	IF	CITATIONS
1	Boron Nanosheet: An Elemental Two-Dimensional (2D) Material for Ambient Electrocatalytic N <sub>2</sub> -to-NH <sub>3</sub> Fixation in Neutral Media. ACS Catalysis, 2019, 9, 4609-4615.	5.5	253
2	Recent Advances in the Development of Water Oxidation Electrocatalysts at Mild pH. Small, 2019, 15, e1805103.	5.2	206
3	Sulfur-doped graphene for efficient electrocatalytic N <sub>2</sub> -to-NH <sub>3</sub> fixation. Chemical Communications, 2019, 55, 3371-3374.	2.2	152
4	Recent progress in the electrochemical ammonia synthesis under ambient conditions. EnergyChem, 2019, 1, 100011.	10.1	151
5	Enhancing Electrocatalytic N <sub>2</sub> Reduction to NH <sub>3</sub> by CeO <sub>2</sub> Nanorod with Oxygen Vacancies. ACS Sustainable Chemistry and Engineering, 2019, 7, 2889-2893.	3.2	121
6	An ultrasmall Ru <sub>2</sub> P nanoparticles@reduced graphene oxide hybrid: an efficient electrocatalyst for NH <sub>3</sub> synthesis under ambient conditions. Journal of Materials Chemistry A, 2020, 8, 77-81.	5.2	115
7	Sulfur-doped graphene nano hybrid: a metal-free electrocatalyst for efficient N <sub>2</sub> -to-NH <sub>3</sub> fixation under ambient conditions. Chemical Communications, 2019, 55, 3152-3155.	2.2	106
8	Boosting electrocatalytic N <sub>2</sub> reduction to NH <sub>3</sub> on $\gamma$ -FeOOH by fluorine doping. Chemical Communications, 2019, 55, 3987-3990.	2.2	104
9	Electrocatalytic N <sub>2</sub> -to-NH <sub>3</sub> conversion with high faradaic efficiency enabled using a Bi nanosheet array. Chemical Communications, 2019, 55, 5263-5266.	2.2	95
10	Mn <sub>3</sub> O <sub>4</sub> nanoparticles@reduced graphene oxide composite: An efficient electrocatalyst for artificial N <sub>2</sub> fixation to NH <sub>3</sub> at ambient conditions. Nano Research, 2019, 12, 1093-1098.	5.8	93
11	Biomass-derived oxygen-doped hollow carbon microtubes for electrocatalytic N <sub>2</sub> -to-NH <sub>3</sub> fixation under ambient conditions. Chemical Communications, 2019, 55, 2684-2687.	2.2	54
12	Cu <sub>3</sub> P nanoparticle-reduced graphene oxide hybrid: an efficient electrocatalyst to realize N <sub>2</sub> -to-NH <sub>3</sub> conversion under ambient conditions. Chemical Communications, 2020, 56, 9328-9331.	2.2	54
13	CoS <sub>2</sub> Nanoparticles-Embedded N-Doped Carbon Nanobox Derived from ZIF-67 for Electrocatalytic N <sub>2</sub> -to-NH <sub>3</sub> Fixation under Ambient Conditions. ACS Sustainable Chemistry and Engineering, 2020, 8, 29-33.	3.2	46
14	Oxygen-Doped Porous Carbon Nanosheet for Efficient N <sub>2</sub> Fixation to NH <sub>3</sub> at Ambient Conditions. ChemistrySelect, 2019, 4, 3547-3550.	0.7	21
15	Mid-infrared Plasmonic Circular Dichroism Generated by Graphene Nanodisk Assemblies. Nano Letters, 2017, 17, 5099-5105.	4.5	18
16	One-Step Preparation of Cobalt Nanoparticle-Embedded Carbon for Effective Water Oxidation Electrocatalysis. ChemElectroChem, 2019, 6, 1996-1999.	1.7	11