

# Runbo Zhao

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

16  
papers

1,189  
citations

14  
h-index

16  
g-index

16  
ext. papers

1,413  
ext. citations

9.4  
avg, IF

4.65  
L-index

#	Paper	IF	Citations
16	Boron Nanosheet: An Elemental Two-Dimensional (2D) Material for Ambient Electrocatalytic N <sub>2</sub> -to-NH <sub>3</sub> Fixation in Neutral Media. <i>ACS Catalysis</i> , <b>2019</b> , 9, 4609-4615	13.1	180
15	Recent Advances in the Development of Water Oxidation Electrocatalysts at Mild pH. <i>Small</i> , <b>2019</b> , 15, e1805103	11	153
14	Sulfur-doped graphene for efficient electrocatalytic N-to-NH fixation. <i>Chemical Communications</i> , <b>2019</b> , 55, 3371-3374	5.8	131
13	Recent progress in the electrochemical ammonia synthesis under ambient conditions. <i>EnergyChem</i> , <b>2019</b> , 1, 100011	36.9	105
12	Sulfur dots-graphene nanohybrid: a metal-free electrocatalyst for efficient N-to-NH fixation under ambient conditions. <i>Chemical Communications</i> , <b>2019</b> , 55, 3152-3155	5.8	88
11	An ultrasmall Ru <sub>2</sub> P nanoparticles@reduced graphene oxide hybrid: an efficient electrocatalyst for NH <sub>3</sub> synthesis under ambient conditions. <i>Journal of Materials Chemistry A</i> , <b>2020</b> , 8, 77-81	13	87
10	Boosting electrocatalytic N reduction to NH on FeOOH by fluorine doping. <i>Chemical Communications</i> , <b>2019</b> , 55, 3987-3990	5.8	86
9	Electrocatalytic N-to-NH conversion with high faradaic efficiency enabled using a Bi nanosheet array. <i>Chemical Communications</i> , <b>2019</b> , 55, 5263-5266	5.8	84
8	Enhancing Electrocatalytic N <sub>2</sub> Reduction to NH <sub>3</sub> by CeO <sub>2</sub> Nanorod with Oxygen Vacancies. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2019</b> , 7, 2889-2893	8.3	71
7	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. <i>Nano Research</i> , <b>2019</b> , 12, 1093-1098	10	66
6	Biomass-derived oxygen-doped hollow carbon microtubes for electrocatalytic N-to-NH fixation under ambient conditions. <i>Chemical Communications</i> , <b>2019</b> , 55, 2684-2687	5.8	39
5	CuP nanoparticle-reduced graphene oxide hybrid: an efficient electrocatalyst to realize N-to-NH conversion under ambient conditions. <i>Chemical Communications</i> , <b>2020</b> , 56, 9328-9331	5.8	38
4	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. <i>ACS Sustainable Chemistry and Engineering</i> , <b>2020</b> , 8, 29-33	8.3	23
3	Oxygen-Doped Porous Carbon Nanosheet for Efficient N <sub>2</sub> Fixation to NH <sub>3</sub> at Ambient Conditions. <i>ChemistrySelect</i> , <b>2019</b> , 4, 3547-3550	1.8	19
2	Mid-infrared Plasmonic Circular Dichroism Generated by Graphene Nanodisk Assemblies. <i>Nano Letters</i> , <b>2017</b> , 17, 5099-5105	11.5	14
1	One-Step Preparation of Cobalt-Nanoparticle-Embedded Carbon for Effective Water Oxidation Electrocatalysis. <i>ChemElectroChem</i> , <b>2019</b> , 6, 1996-1999	4.3	5