

Runbo Zhao

List of Publications by Year in Descending Order

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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	An ultrasmall Ru ₂ P nanoparticles@reduced graphene oxide hybrid: an efficient electrocatalyst for NH ₃ synthesis under ambient conditions. <i>Journal of Materials Chemistry A</i> , 2020 , 8, 77-81	13	87
15	CoS ₂ Nanoparticles-Embedded N-Doped Carbon Nanobox Derived from ZIF-67 for Electrocatalytic N ₂ -to-NH ₃ Fixation under Ambient Conditions. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 29-33	8.3	23
14	CuP nanoparticle-reduced graphene oxide hybrid: an efficient electrocatalyst to realize N-to-NH conversion under ambient conditions. <i>Chemical Communications</i> , 2020 , 56, 9328-9331	5.8	38
13	Biomass-derived oxygen-doped hollow carbon microtubes for electrocatalytic N-to-NH fixation under ambient conditions. <i>Chemical Communications</i> , 2019 , 55, 2684-2687	5.8	39
12	Boron Nanosheet: An Elemental Two-Dimensional (2D) Material for Ambient Electrocatalytic N ₂ -to-NH ₃ Fixation in Neutral Media. <i>ACS Catalysis</i> , 2019 , 9, 4609-4615	13.1	180
11	Oxygen-Doped Porous Carbon Nanosheet for Efficient N ₂ Fixation to NH ₃ at Ambient Conditions. <i>ChemistrySelect</i> , 2019 , 4, 3547-3550	1.8	19
10	Boosting electrocatalytic N reduction to NH on FeOOH by fluorine doping. <i>Chemical Communications</i> , 2019 , 55, 3987-3990	5.8	86
9	Mn ₃ O ₄ nanoparticles@reduced graphene oxide composite: An efficient electrocatalyst for artificial N ₂ fixation to NH ₃ at ambient conditions. <i>Nano Research</i> , 2019 , 12, 1093-1098	10	66
8	Electrocatalytic N-to-NH conversion with high faradaic efficiency enabled using a Bi nanosheet array. <i>Chemical Communications</i> , 2019 , 55, 5263-5266	5.8	84
7	Sulfur-doped graphene for efficient electrocatalytic N-to-NH fixation. <i>Chemical Communications</i> , 2019 , 55, 3371-3374	5.8	131
6	Recent Advances in the Development of Water Oxidation Electrocatalysts at Mild pH. <i>Small</i> , 2019 , 15, e1805103	11	153
5	Recent progress in the electrochemical ammonia synthesis under ambient conditions. <i>EnergyChem</i> , 2019 , 1, 100011	36.9	105
4	Sulfur dots-graphene nanohybrid: a metal-free electrocatalyst for efficient N-to-NH fixation under ambient conditions. <i>Chemical Communications</i> , 2019 , 55, 3152-3155	5.8	88
3	One-Step Preparation of Cobalt-Nanoparticle-Embedded Carbon for Effective Water Oxidation Electrocatalysis. <i>ChemElectroChem</i> , 2019 , 6, 1996-1999	4.3	5
2	Enhancing Electrocatalytic N ₂ Reduction to NH ₃ by CeO ₂ Nanorod with Oxygen Vacancies. <i>ACS Sustainable Chemistry and Engineering</i> , 2019 , 7, 2889-2893	8.3	71
1	Mid-infrared Plasmonic Circular Dichroism Generated by Graphene Nanodisk Assemblies. <i>Nano Letters</i> , 2017 , 17, 5099-5105	11.5	14