Ya-ping Liu

List of Publications by Year
in descending order

22 papers	2,689 citations	331538 21 h-index	677027 22 g-index
22 all docs	22 docs citations	22 times ranked	1764 citing authors

#	Article	IF	Citations
1	Amorphization engineered VSe_{2âˆ’<i>x</i>} nanosheets with abundant Se-vacancies for enhanced N₂ electroreduction. Journal of Materials Chemistry A, 2022, 10, 1742-1749.	5.2	107
2	Amorphization activated FeB2 porous nanosheets enable efficient electrocatalytic N2 fixation. Journal of Energy Chemistry, 2021, 53, 82-89.	7.1	89
3	Multi-functional Mo-doping in MnO2 nanoflowers toward efficient and robust electrocatalytic nitrogen fixation. Applied Catalysis B: Environmental, 2020, 264, 118525.	10.8	211
4	Plasma-engineered NiO nanosheets with enriched oxygen vacancies for enhanced electrocatalytic nitrogen fixation. Inorganic Chemistry Frontiers, 2020, 7, 455-463.	3.0	79
5	Bimetallic MnMoO₄with dual-active-centers for highly efficient electrochemical N₂fixation. Chemical Communications, 2020, 56, 10227-10230.	2.2	27
6	A Janus antimony sulfide catalyst for highly selective N₂electroreduction. Chemical Communications, 2020, 56, 10345-10348.	2.2	19
7	FeVO₄ porous nanorods for electrochemical nitrogen reduction: contribution of the Fe_{2c}â€“V_{2c} dimer as a dual electron-donation center. Chemical Communications, 2020, 56, 10505-10508.	2.2	25
8	Mo-doped SnS₂ with enriched S-vacancies for highly efficient electrocatalytic N₂ reduction: the critical role of the Moâ€“Snâ€“Sn trimer. Journal of Materials Chemistry A, 2020, 8, 7117-7124.	5.2	156
9	Efficient Electrocatalytic Nitrogen Fixation on FeMoO₄ Nanorods. ACS Applied Materials & Interfaces, 2020, 12, 11789-11796.	4.0	107
10	Fe-doping induced morphological changes, oxygen vacancies and Ce³⁺â€“Ce³⁺ pairs in CeO₂ for promoting electrocatalytic nitrogen fixation. Journal of Materials Chemistry A, 2020, 8, 5865-5873.	5.2	172
11	Synergistic boron-dopants and boron-induced oxygen vacancies in MnO₂ nanosheets to promote electrocatalytic nitrogen reduction. Journal of Materials Chemistry A, 2020, 8, 5200-5208.	5.2	157
12	Two-dimensional (2D)/2D Interface Engineering of a MoS₂/C₃N₄ Heterostructure for Promoted Electrocatalytic Nitrogen Fixation. ACS Applied Materials & Interfaces, 2020, 12, 7081-7090.	4.0	255
13	Filling the nitrogen vacancies with sulphur dopants in graphitic C3N4 for efficient and robust electrocatalytic nitrogen reduction. Applied Catalysis B: Environmental, 2020, 267, 118693.	10.8	177
14	Electronically Coupled SnO₂ Quantum Dots and Graphene for Efficient Nitrogen Reduction Reaction. ACS Applied Materials & Interfaces, 2019, 11, 31806-31815.	4.0	163
15	Ambient electrocatalytic nitrogen reduction on a MoO₂/graphene hybrid: experimental and DFT studies. Catalysis Science and Technology, 2019, 9, 4248-4254.	2.1	87
16	ZnO Quantum Dots Coupled with Graphene toward Electrocatalytic N₂ Reduction: Experimental and DFT Investigations. Chemistry - A European Journal, 2019, 25, 11933-11939.	1.7	71
17	Boosted Electrocatalytic N₂ Reduction on Fluorine-Doped SnO₂ Mesoporous Nanosheets. Inorganic Chemistry, 2019, 58, 10424-10431.	1.9	84
18	Efficient electrocatalytic N₂ reduction on CoO quantum dots. Journal of Materials Chemistry A, 2019, 7, 4389-4394.	5.2	210

#	Article	IF	Citations
19	CuO/Graphene Nanocomposite for Nitrogen Reduction Reaction. ChemCatChem, 2019, 11, 1441-1447.	1.8	95
20	NiO Nanodots on Graphene for Efficient Electrochemical N₂ Reduction to NH₃. ACS Applied Energy Materials, 2019, 2, 2288-2295.	2.5	138
21	Creating defects on graphene basal-plane toward interface optimization of graphene/CuCr composites. Carbon, 2019, 143, 85-96.	5.4	93
22	Graphene defect engineering for optimizing the interface and mechanical properties of graphene/copper composites. Carbon, 2018, 140, 112-123.	5.4	167