Hoang-Long Du

List of Publications by Year
in descending order

15	2,361	777949 13	1113639 15
papers	citations	h-index	g-index

16	16	16	3124
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Durable Electrooxidation of Acidic Water Catalysed by a Cobaltâ€Bismuthâ€based Oxide Composite: An Unexpected Role of the Fâ€doped SnO₂ Substrate. ChemCatChem, 2022, 14, .	1.8	9
2	Electrocatalytic Oxidation of Hydrogen as an Anode Reaction for the Li-Mediated N₂ Reduction to Ammonia. ACS Catalysis, 2022, 12, 5231-5246.	5.5	12
3	Reassessment of the catalytic activity of bismuth for aqueous nitrogen electroreduction. Nature Catalysis, 2022, 5, 382-384.	16.1	14
4	Electrochemically Induced Generation of Extraneous Nitrite and Ammonia in Organic Electrolyte Solutions During Nitrogen Reduction Experiments. ChemElectroChem, 2021, 8, 1596-1604.	1.7	17
5	Nitrogen reduction to ammonia at high efficiency and rates based on a phosphonium proton shuttle. Science, 2021, 372, 1187-1191.	6.0	289
6	Identification and elimination of false positives in electrochemical nitrogen reduction studies. Nature Communications, 2020, 11, 5546.	5.8	264
7	Refining Universal Procedures for Ammonium Quantification via Rapid ¹H NMR Analysis for Dinitrogen Reduction Studies. ACS Energy Letters, 2020, 5, 736-741.	8.8	93
8	Electroreduction of Nitrates, Nitrites, and Gaseous Nitrogen Oxides: A Potential Source of Ammonia in Dinitrogen Reduction Studies. ACS Energy Letters, 2020, 5, 2095-2097.	8.8	170
9	Is Molybdenum Disulfide Modified with Molybdenum Metal Catalytically Active for the Nitrogen Reduction Reaction?. Journal of the Electrochemical Society, 2020, 167, 146507.	1.3	16
10	Challenges and prospects in the catalysis of electroreduction of nitrogen to ammonia. Nature Catalysis, 2019, 2, 290-296.	16.1	1,056
11	Critical Assessment of the Electrocatalytic Activity of Vanadium and Niobium Nitrides toward Dinitrogen Reduction to Ammonia. ACS Sustainable Chemistry and Engineering, 2019, 7, 6839-6850.	3.2	95
12	Carbon-Free TiO₂ Microspheres as Anode Materials for Sodium Ion Batteries. ACS Energy Letters, 2019, 4, 494-501.	8.8	63
13	Self-Rearrangement of Silicon Nanoparticles Embedded in Micro-Carbon Sphere Framework for High-Energy and Long-Life Lithium-Ion Batteries. Nano Letters, 2017, 17, 5600-5606.	4.5	142
14	Nitrogen-doped Carbon Coated Porous Silicon as High Performance Anode Material for Lithium-Ion Batteries. Electrochimica Acta, 2016, 209, 299-307.	2.6	52
15	Coating Lithium Titanate with Nitrogen-Doped Carbon by Simple Refluxing for High-Power Lithium-Ion Batteries. ACS Applied Materials & Interfaces, 2015, 7, 10250-10257.	4.0	65