

Hoang-Long Du

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9445505/publications.pdf>

Version: 2024-02-01

15
papers

2,361
citations

687363

13
h-index

996975

15
g-index

16
all docs

16
docs citations

16
times ranked

2733
citing authors

#	ARTICLE	IF	CITATIONS
1	Challenges and prospects in the catalysis of electroreduction of nitrogen to ammonia. <i>Nature Catalysis</i> , 2019, 2, 290-296.	34.4	1,056
2	Nitrogen reduction to ammonia at high efficiency and rates based on a phosphonium proton shuttle. <i>Science</i> , 2021, 372, 1187-1191.	12.6	289
3	Identification and elimination of false positives in electrochemical nitrogen reduction studies. <i>Nature Communications</i> , 2020, 11, 5546.	12.8	264
4	Electroreduction of Nitrates, Nitrites, and Gaseous Nitrogen Oxides: A Potential Source of Ammonia in Dinitrogen Reduction Studies. <i>ACS Energy Letters</i> , 2020, 5, 2095-2097.	17.4	170
5	Self-Rearrangement of Silicon Nanoparticles Embedded in Micro-Carbon Sphere Framework for High-Energy and Long-Life Lithium-Ion Batteries. <i>Nano Letters</i> , 2017, 17, 5600-5606.	9.1	142
6	Critical Assessment of the Electrocatalytic Activity of Vanadium and Niobium Nitrides toward Dinitrogen Reduction to Ammonia. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 6839-6850.	6.7	95
7	Refining Universal Procedures for Ammonium Quantification via Rapid ¹ H NMR Analysis for Dinitrogen Reduction Studies. <i>ACS Energy Letters</i> , 2020, 5, 736-741.	17.4	93
8	Coating Lithium Titanate with Nitrogen-Doped Carbon by Simple Refluxing for High-Power Lithium-Ion Batteries. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 10250-10257.	8.0	65
9	Carbon-Free TiO ₂ Microspheres as Anode Materials for Sodium Ion Batteries. <i>ACS Energy Letters</i> , 2019, 4, 494-501.	17.4	63
10	Nitrogen-doped Carbon Coated Porous Silicon as High Performance Anode Material for Lithium-Ion Batteries. <i>Electrochimica Acta</i> , 2016, 209, 299-307.	5.2	52
11	Electrochemically Induced Generation of Extraneous Nitrite and Ammonia in Organic Electrolyte Solutions During Nitrogen Reduction Experiments. <i>ChemElectroChem</i> , 2021, 8, 1596-1604.	3.4	17
12	Is Molybdenum Disulfide Modified with Molybdenum Metal Catalytically Active for the Nitrogen Reduction Reaction?. <i>Journal of the Electrochemical Society</i> , 2020, 167, 146507.	2.9	16
13	Reassessment of the catalytic activity of bismuth for aqueous nitrogen electroreduction. <i>Nature Catalysis</i> , 2022, 5, 382-384.	34.4	14
14	Electrocatalytic Oxidation of Hydrogen as an Anode Reaction for the Li-Mediated N ₂ Reduction to Ammonia. <i>ACS Catalysis</i> , 2022, 12, 5231-5246.	11.2	12
15	Durable Electrooxidation of Acidic Water Catalysed by a Cobalt-Bismuth-based Oxide Composite: An Unexpected Role of the F-doped SnO ₂ Substrate. <i>ChemCatChem</i> , 2022, 14, .	3.7	9