

Liang Song

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4665036/publications.pdf>

Version: 2024-02-01

21
papers

575
citations

840776

11
h-index

1058476

14
g-index

21
all docs

21
docs citations

21
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	Direct 12-Electron Oxidation of Ethanol on a Ternary Au(core)-PtIr(Shell) Electrocatalyst. Journal of the American Chemical Society, 2019, 141, 9629-9636.	13.7	143
2	High-Performance Nitrogen-Doped Intermetallic PtNi Catalyst for the Oxygen Reduction Reaction. ACS Catalysis, 2020, 10, 10637-10645.	11.2	98
3	Rhombohedral Ordered Intermetallic Nanocatalyst Boosts the Oxygen Reduction Reaction. ACS Catalysis, 2021, 11, 184-192.	11.2	51
4	Exploring Metal-Support Interactions To Immobilize Subnanometer Co Clusters on Mo_2N : A Highly Selective and Stable Catalyst for CO_2 Activation. ACS Catalysis, 2019, 9, 9087-9097.	11.2	50
5	Temperature-Dependent Kinetics and Reaction Mechanism of Ammonia Oxidation on Pt, Ir, and PtIr Alloy Catalysts. Journal of the Electrochemical Society, 2018, 165, J3095-J3100.	2.9	49
6	Ternary Alloys Enable Efficient Production of Methoxylated Chemicals via Selective Electrocatalytic Hydrogenation of Lignin Monomers. Journal of the American Chemical Society, 2021, 143, 17226-17235.	13.7	43
7	Synthesis and Characterization of a Molecularly Designed High-Performance Organodisulfide as Cathode Material for Lithium Batteries. Advanced Energy Materials, 2019, 9, 1900705.	19.5	34
8	Mechanistic Insights into Defect-Assisted Carrier Transport in Bismuth Vanadate Photoanodes. Journal of Physical Chemistry C, 2019, 123, 20730-20736.	3.1	32
9	Enhancing Oxygen Reduction Performance of Pt Monolayer Catalysts by Pd(111) Nanosheets on WNi Substrates. ACS Catalysis, 2020, 10, 4290-4298.	11.2	30
10	Platinum and Palladium Monolayer Electrocatalysts for Formic Acid Oxidation. Topics in Catalysis, 2020, 63, 742-749.	2.8	17
11	Enhanced Oxygen Reduction Reaction Activity on Pt-Monolayer-Shell PdIr/Ni-Core Catalysts. Journal of the Electrochemical Society, 2018, 165, J3288-J3294.	2.9	11
12	One-Step Facile Synthesis of High-Activity Nitrogen-Doped PtNiN Oxygen Reduction Catalyst. ACS Applied Energy Materials, 2022, 5, 5245-5255.	5.1	11
13	Nitrogen-Doped PtNi Catalysts on Polybenzimidazole-Functionalized Carbon Support for the Oxygen Reduction Reaction in Polymer Electrolyte Membrane Fuel Cells. ACS Applied Materials & Interfaces, 2022, 14, 26814-26823.	8.0	5
14	Iridium-Based Catalysts for Electro-Oxidation of Ammonia in Alkaline Media. ECS Meeting Abstracts, 2019, , .	0.0	1
15	(Invited) Enhanced Oxygen Reduction Reaction Activity on Pt-Monolayer-Shell PdIr/Ni-Core Catalysts. ECS Transactions, 2018, 85, 57-65.	0.5	0
16	Enhanced Catalyst Stability Via Chemically Grafted Polyaniline Groups for PEMFC. ECS Meeting Abstracts, 2021, MA2021-01, 1860-1860.	0.0	0
17	Platinum Monolayer on Ir-Pd-Based Nanoparticles for Oxygen Reduction Reaction. ECS Meeting Abstracts, 2017, , .	0.0	0
18	(Invited) Enhanced Oxygen Reduction Reaction Activity on Pt-Monolayer-Shell PdIr/Ni-Core Catalyst. ECS Meeting Abstracts, 2018, , .	0.0	0

#	ARTICLE	IF	CITATIONS
19	Pd@PtML Nanoparticles on Carbon-Supported WNi Substrates for the Oxygen Reduction Reaction. ECS Meeting Abstracts, 2018, , .	0.0	0
20	Performance and Stability Improvement of Nitrogen-Doped PtNi Catalyst and PBI-Functionalized Catalyst Support for the Oxygen Reduction Reaction in Proton Exchange Membrane Fuel Cells. ECS Meeting Abstracts, 2021, MA2021-02, 1165-1165.	0.0	0
21	Nitrogen-Doped Rhombohedral Ordered Intermetallic Nanocatalyst Boosts the Oxygen Reduction Reaction. ECS Meeting Abstracts, 2021, MA2021-02, 1166-1166.	0.0	0