

Chenliang Ye

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9728885/publications.pdf>

Version: 2024-02-01

19
papers

1,819
citations

471509

17
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

1182
citing authors

#	ARTICLE	IF	CITATIONS
1	Revealing the surface atomic arrangement of noble metal alkane dehydrogenation catalysts by a stepwise reduction-oxidation approach. Nano Research, 2023, 16, 4499-4505.	10.4	11
2	Heterogeneous Single Atom Environmental Catalysis: Fundamentals, Applications, and Opportunities. Advanced Functional Materials, 2022, 32, 2108381.	14.9	51
3	d Orbital Hybridization Induced by a Monodispersed Ga Site on a Pt_{3Mn} Nanocatalyst Boosts Ethanol Electrooxidation. Angewandte Chemie, 2022, 134, .	2.0	19
4	Confined Growth of Silver-Copper Janus Nanostructures with {100} Facets for Highly Selective Tandem Electrocatalytic Carbon Dioxide Reduction. Advanced Materials, 2022, 34, e2110607.	21.0	82
5	Enriched d -Band Holes Enabling Fast Oxygen Evolution Kinetics on Atomically Layered Defect-Rich Lithium Cobalt Oxide Nanosheets. Advanced Functional Materials, 2022, 32, .	14.9	24
6	Decreasing the Overpotential of Aprotic $LiCO_2$ Batteries with the In -Plane Alloy Structure in Ultrathin 2D Ru -Based Nanosheets. Advanced Functional Materials, 2022, 32, .	14.9	39
7	Recycling spent $Li_{1-x-y}Mn_xCo_yO_2$ cathodes to bifunctional $NiMnCo$ catalysts for zinc-air batteries. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2202202119.	7.1	89
8	Silver Single-Atom Catalyst for Efficient Electrochemical CO_2 Reduction Synthesized from Thermal Transformation and Surface Reconstruction. Angewandte Chemie - International Edition, 2021, 60, 6170-6176.	13.8	236
9	Silver Single-Atom Catalyst for Efficient Electrochemical CO_2 Reduction Synthesized from Thermal Transformation and Surface Reconstruction. Angewandte Chemie, 2021, 133, 6235-6241.	2.0	22
10	A Supported Pd_2 Dual-Atom Site Catalyst for Efficient Electrochemical CO_2 Reduction. Angewandte Chemie - International Edition, 2021, 60, 13388-13393.	13.8	201
11	Atomically Dispersed Pt_{3C} Sites Enabling Efficient and Selective Electrocatalytic $C-C$ Bond Cleavage in Lignin Models under Ambient Conditions. Journal of the American Chemical Society, 2021, 143, 9429-9439.	13.7	120
12	An Adjacent Atomic Platinum Site Enables Single-Atom Iron with High Oxygen Reduction Reaction Performance. Angewandte Chemie - International Edition, 2021, 60, 19262-19271.	13.8	275
13	An Adjacent Atomic Platinum Site Enables Single-Atom Iron with High Oxygen Reduction Reaction Performance. Angewandte Chemie, 2021, 133, 19411-19420.	2.0	32
14	Anion-exchange-mediated internal electric field for boosting photogenerated carrier separation and utilization. Nature Communications, 2021, 12, 4952.	12.8	45
15	Phosphorus Induced Electron Localization of Single Iron Sites for Boosted CO_2 Electroreduction Reaction. Angewandte Chemie, 2021, 133, 23806-23810.	2.0	22
16	Phosphorus Induced Electron Localization of Single Iron Sites for Boosted CO_2 Electroreduction Reaction. Angewandte Chemie - International Edition, 2021, 60, 23614-23618.	13.8	197
17	Single-atom site catalysts for environmental catalysis. Nano Research, 2020, 13, 3165-3182.	10.4	252
18	Surface Hexagonal Pt_1Sn_1 Intermetallic on Pt Nanoparticles for Selective Propane Dehydrogenation. ACS Applied Materials & Interfaces, 2020, 12, 25903-25909.	8.0	49

#	ARTICLE	IF	CITATIONS
19	Single atomic site catalysts: synthesis, characterization, and applications. <i>Chemical Communications</i> , 2020, 56, 7687-7697.	4.1	53