

Rongtan Li

List of Publications by Year in descending order

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16
papers

1,035
citations

933447

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940533

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all docs

16
docs citations

16
times ranked

1322
citing authors

#	ARTICLE	IF	CITATIONS
1	Wafer-scale single-crystal hexagonal boron nitride monolayers on Cu(111). <i>Nature</i> , 2020, 579, 219-223.	27.8	409
2	Overtuning CO ₂ Hydrogenation Selectivity with High Activity via Reaction-Induced Strong Metal-Support Interactions. <i>Journal of the American Chemical Society</i> , 2022, 144, 4874-4882.	13.7	139
3	Promoting exsolution of RuFe alloy nanoparticles on SrFe _{1.4} Ru _{0.1} Mo _{0.5} O ₆ via repeated redox manipulations for CO ₂ electrolysis. <i>Nature Communications</i> , 2021, 12, 5665.	12.8	102
4	Morphology-dependent interplay of reduction behaviors, oxygen vacancies and hydroxyl reactivity of CeO ₂ nanocrystals. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 31862-31871.	2.8	96
5	Dynamic structural evolution of iron catalysts involving competitive oxidation and carburization during CO ₂ hydrogenation. <i>Science Advances</i> , 2022, 8, eabm3629.	10.3	92
6	Interlayer Decoupling in 30° Twisted Bilayer Graphene Quasicrystal. <i>ACS Nano</i> , 2020, 14, 1656-1664.	14.6	64
7	In situ identification of the metallic state of Ag nanoclusters in oxidative dispersion. <i>Nature Communications</i> , 2021, 12, 1406.	12.8	42
8	Oxidative Strong Metal-Support Interactions between Metals and Inert Boron Nitride. <i>Journal of Physical Chemistry Letters</i> , 2021, 12, 4187-4194.	4.6	35
9	A vanadium-doped BSCF perovskite for CO ₂ electrolysis in solid oxide electrolysis cells. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 19814-19821.	7.1	17
10	Modulating the Formation and Evolution of Surface Hydrogen Species on ZnO through Cr Addition. <i>ACS Catalysis</i> , 2022, 12, 6255-6264.	11.2	15
11	Vapor-Liquid-Solid Growth of Thin and Epitaxial Transition Metal Nitride Nanosheets for Catalysis and Energy Conversion. <i>ACS Applied Nano Materials</i> , 2021, 4, 10735-10742.	5.0	7
12	Tunable deep ultraviolet laser based near ambient pressure photoemission electron microscope for surface imaging in the millibar regime. <i>Review of Scientific Instruments</i> , 2020, 91, 113704.	1.3	5
13	Visualizing Formation of Tungsten Carbide Model Catalyst and its Interaction with Oxygen. <i>ChemCatChem</i> , 2020, 12, 1036-1045.	3.7	4
14	Hydrogenated Molybdenum Oxide Overlayers Formed on Mo Nitride Nanosheets in Ambient-Pressure CO ₂ /H ₂ Gases. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 26194-26203.	8.0	4
15	Step-confined thin film growth via near-surface atom migration. <i>Nano Research</i> , 2020, 13, 1552-1557.	10.4	2
16	Low-temperature growth of ultrathin and epitaxial Mo ₂ C nanosheets via a vapor-liquid-solid process. <i>Nanoscale</i> , 2022, 14, 9142-9149.	5.6	2