

Bibi Ruqia

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

483
citations

1040056

9
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

775
citing authors

#	ARTICLE	IF	CITATIONS
1	Pt and Ptâ€“Ni(OH) ₂ Electrodes for the Hydrogen Evolution Reaction in Alkaline Electrolytes and Their Nanoscaled Electrocatalysts. <i>ChemSusChem</i> , 2018, 11, 2643-2653.	6.8	99
2	Theoretical and Experimental Understanding of Hydrogen Evolution Reaction Kinetics in Alkaline Electrolytes with Pt-Based Coreâ€“Shell Nanocrystals. <i>Journal of the American Chemical Society</i> , 2019, 141, 18256-18263.	13.7	91
3	Nanocatalyst Design for Longâ€“Term Operation of Proton/Anion Exchange Membrane Water Electrolysis. <i>Advanced Energy Materials</i> , 2021, 11, 2003188.	19.5	89
4	Recent advances in electrocatalysts toward the oxygen reduction reaction: the case of PtNi octahedra. <i>Nanoscale</i> , 2018, 10, 20073-20088.	5.6	60
5	Ligand Effect of Shape-Controlled Î²-Palladium Hydride Nanocrystals on Liquid-Fuel Oxidation Reactions. <i>Chemistry of Materials</i> , 2019, 31, 5663-5673.	6.7	45
6	Crystal Phase Transition Creates a Highly Active and Stable RuC _X Nanosurface for Hydrogen Evolution Reaction in Alkaline Media. <i>Advanced Materials</i> , 2021, 33, e2105248.	21.0	27
7	Shape-controlled Pt nanocubes directly grown on carbon supports and their electrocatalytic activity toward methanol oxidation. <i>Science Bulletin</i> , 2017, 62, 943-949.	9.0	26
8	Understanding the Grain Boundary Behavior of Bimetallic Platinumâ€“Cobalt Alloy Nanowires toward Oxygen Electro-Reduction. <i>ACS Catalysis</i> , 2022, 12, 3516-3523.	11.2	23
9	Facile synthesis of highly crystalline ZnO nanorods with controlled aspect ratios and their optical properties. <i>CrystEngComm</i> , 2017, 19, 1454-1458.	2.6	18
10	Search for a new Li-based scintillator for neutron detection. <i>Journal of the Korean Physical Society</i> , 2015, 67, 1463-1468.	0.7	5