

Hossain, Md Delowar

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8827974/publications.pdf>

Version: 2024-02-01

16
papers

981
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

1749
citing authors

#	ARTICLE	IF	CITATIONS
1	Tellurium-assisted and space-confined growth of graphene single crystals. Carbon, 2021, 173, 54-60.	10.3	5
2	Graphitization of low-density amorphous carbon for electrocatalysis electrodes from ReaxFF reactive dynamics. Carbon, 2021, 183, 940-947.	10.3	20
3	Effects of additives on the morphology and stability of PbO ₂ films electrodeposited on nickel substrate for light weight lead-acid battery application. Journal of Energy Storage, 2020, 27, 101108.	8.1	9
4	Tailoring a Three-Phase Microenvironment for High-Performance Oxygen Reduction Reaction in Proton Exchange Membrane Fuel Cells. Matter, 2020, 3, 1774-1790.	10.0	71
5	Reaction mechanism and kinetics for CO ₂ reduction on nickel single atom catalysts from quantum mechanics. Nature Communications, 2020, 11, 2256.	12.8	140
6	The Potentiality of Rice Husk-Derived Activated Carbon: From Synthesis to Application. Processes, 2020, 8, 203.	2.8	76
7	Highly Reversible Sodiation/Desodiation from a Carbon-Sandwiched SnS ₂ Nanosheet Anode for Sodium Ion Batteries. Nano Letters, 2020, 20, 3844-3851.	9.1	69
8	Confinement-Enhanced Rapid Interlayer Diffusion within Graphene-Supported Anisotropic ReSe ₂ Electrodes. ACS Applied Materials & Interfaces, 2019, 11, 31147-31154.	8.0	13
9	Rational Design of Graphene-Supported Single Atom Catalysts for Hydrogen Evolution Reaction. Advanced Energy Materials, 2019, 9, 1803689.	19.5	279
10	Selenium Edge as a Selective Anchoring Site for Lithium-Sulfur Batteries with MoSe ₂ /Graphene-Based Cathodes. ACS Applied Materials & Interfaces, 2019, 11, 19986-19993.	8.0	67
11	Revealing the mechanism of DNA passing through graphene and boron nitride nanopores. Nanoscale, 2019, 11, 23438-23448.	5.6	15
12	A stretchable, conformable, and biocompatible graphene strain sensor based on a structured hydrogel for clinical application. Journal of Materials Chemistry A, 2019, 7, 27099-27109.	10.3	61
13	New Approach to Unveiling Individual Atomic Layers of 2D Materials and Their Heterostructures. Chemistry of Materials, 2018, 30, 1718-1728.	6.7	19
14	Modular functionalization of crystalline graphene by recombinant proteins: a nanoplatform for probing biomolecules. Nanoscale, 2018, 10, 22572-22582.	5.6	12
15	Synthesis of 2D transition metal dichalcogenides by chemical vapor deposition with controlled layer number and morphology. Nano Convergence, 2018, 5, 26.	12.1	119
16	Effect of Deposition Parameters on the Morphology and Electrochemical Behavior of Lead Dioxide. Journal of Electrochemical Science and Technology, 2017, 8, 197-205.	2.2	6