Indro Biswas

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5657533/publications.pdf

Version: 2024-02-01

21	615	471509	677142
papers	citations	17 h-index	22 g-index

23	23	23	995
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Deciphering the Exceptional Performance of NiFe Hydroxide for the Oxygen Evolution Reaction in an Anion Exchange Membrane Electrolyzer. ACS Applied Energy Materials, 2022, 5, 2221-2230.	5.1	22
2	Towards Replacing Titanium with Copper in the Bipolar Plates for Proton Exchange Membrane Water Electrolysis. Materials, 2022, 15, 1628.	2.9	13
3	Longâ€Term Operation of Nbâ€Coated Stainless Steel Bipolar Plates for Proton Exchange Membrane Water Electrolyzers. Advanced Energy and Sustainability Research, 2022, 3, .	5.8	8
4	Exploring the Interface of Skinâ€Layered Titanium Fibers for Electrochemical Water Splitting. Advanced Energy Materials, 2021, 11, 2002926.	19.5	48
5	A-site deficient chromite with in situ Ni exsolution as a fuel electrode for solid oxide cells (SOCs). Journal of Materials Chemistry A, 2021, 9, 5685-5701.	10.3	22
6	Advancement of Segmented Cell Technology in Low Temperature Hydrogen Technologies. Energies, 2020, 13, 2301.	3.1	10
7	Investigation of Magnesiumâ€“Sulfur Batteries using Electrochemical Impedance Spectroscopy. Electrochimica Acta, 2020, 338, 135787.	5.2	48
8	Local impact of humidification on degradation in polymer electrolyte fuel cells. Journal of Power Sources, 2017, 352, 42-55.	7.8	44
9	Highly Stable Carbonâ€Free Ag/Co₃O₄â€Cathodes for Lithiumâ€Air Batteries: Electrochemical and Structural Investigations. Advanced Energy Materials, 2015, 5, 1500763.	19.5	26
10	Nanoscale Assembly of Paramagnetic Organic Radicals on Au(111) Single Crystals. Chemistry - A European Journal, 2013, 19, 3445-3450.	3.3	36
11	Energy distribution and quantum yield for photoemission from air-contaminated gold surfaces under ultraviolet illumination close to the threshold. Journal of Applied Physics, 2012, 111, .	2.5	24
12	Laterally Resolved Orientation and Film Thickness of Polar Metal Chlorine Phthalocyanines on Au and ITO. Journal of Physical Chemistry C, 2011, 115, 11657-11665.	3.1	18
13	Electronic Structure and Interface Properties of a Model Molecule for Organic Solar Cells. ChemPhysChem, 2010, 11, 269-275.	2.1	20
14	Locally Resolved Coreâ€hole Screening, Molecular Orientation, and Morphology in Thin Films of Diindenoperylene Deposited on Au(111) Single Crystals. Advanced Materials, 2010, 22, 3740-3744.	21.0	40
15	Interaction between Cobalt Phthalocyanine and Gold Studied by X-ray Absorption and Resonant Photoemission Spectroscopy. Journal of Physical Chemistry Letters, 2010, 1, 3380-3384.	4.6	37
16	Initial molecular orientation of phthalocyanines on oxide substrates. Physica Status Solidi (A) Applications and Materials Science, 2009, 206, 2524-2528.	1.8	24
17	Orientation and electronic properties of phthalocyanines on polycrystalline substrates. Physica Status Solidi (B): Basic Research, 2009, 246, 1529-1545.	1.5	75
18	Role of the substrate in electronic structure, molecular orientation, and morphology of organic thin films: diindenoperylene on rutile TiO2(110). Physical Chemistry Chemical Physics, 2009, 11, 9000.	2.8	21

#	Article	IF	Citations
19	Buried interfacial layer of highly oriented molecules in copper phthalocyanine thin films on polycrystalline gold. Journal of Chemical Physics, 2007, 126, 174704.	3.0	47
20	Ultrathin transition-metal oxide films: Thickness dependence of the electronic structure and local geometry in MnO. Physical Review B, 2007, 75, .	3.2	24
21	Orientation of Differently Substituted Phthalocyanines: First Layers and Thin Films. Molecular Crystals and Liquid Crystals, 2006, 455, 241-249.	0.9	7