

Indro Biswas

List of Publications by Year in descending order

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papers

615
citations

471061

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995
citing authors

#	ARTICLE	IF	CITATIONS
1	Deciphering the Exceptional Performance of NiFe Hydroxide for the Oxygen Evolution Reaction in an Anion Exchange Membrane Electrolyzer. <i>ACS Applied Energy Materials</i> , 2022, 5, 2221-2230.	2.5	22
2	Towards Replacing Titanium with Copper in the Bipolar Plates for Proton Exchange Membrane Water Electrolysis. <i>Materials</i> , 2022, 15, 1628.	1.3	13
3	Long-Term Operation of Nb-Coated Stainless Steel Bipolar Plates for Proton Exchange Membrane Water Electrolyzers. <i>Advanced Energy and Sustainability Research</i> , 2022, 3, .	2.8	8
4	Exploring the Interface of Skin-Layered Titanium Fibers for Electrochemical Water Splitting. <i>Advanced Energy Materials</i> , 2021, 11, 2002926.	10.2	48
5	<i>A</i> -site deficient chromite with <i>in situ</i> Ni exsolution as a fuel electrode for solid oxide cells (SOCs). <i>Journal of Materials Chemistry A</i> , 2021, 9, 5685-5701.	5.2	22
6	Advancement of Segmented Cell Technology in Low Temperature Hydrogen Technologies. <i>Energies</i> , 2020, 13, 2301.	1.6	10
7	Investigation of Magnesium-Sulfur Batteries using Electrochemical Impedance Spectroscopy. <i>Electrochimica Acta</i> , 2020, 338, 135787.	2.6	48
8	Local impact of humidification on degradation in polymer electrolyte fuel cells. <i>Journal of Power Sources</i> , 2017, 352, 42-55.	4.0	44
9	Highly Stable Carbon-Free Ag/Co ₃ O ₄ Cathodes for Lithium-Air Batteries: Electrochemical and Structural Investigations. <i>Advanced Energy Materials</i> , 2015, 5, 1500763.	10.2	26
10	Nanoscale Assembly of Paramagnetic Organic Radicals on Au(111) Single Crystals. <i>Chemistry - A European Journal</i> , 2013, 19, 3445-3450.	1.7	36
11	Energy distribution and quantum yield for photoemission from air-contaminated gold surfaces under ultraviolet illumination close to the threshold. <i>Journal of Applied Physics</i> , 2012, 111, .	1.1	24
12	Laterally Resolved Orientation and Film Thickness of Polar Metal Chlorine Phthalocyanines on Au and ITO. <i>Journal of Physical Chemistry C</i> , 2011, 115, 11657-11665.	1.5	18
13	Electronic Structure and Interface Properties of a Model Molecule for Organic Solar Cells. <i>ChemPhysChem</i> , 2010, 11, 269-275.	1.0	20
14	Locally Resolved Core-Hole Screening, Molecular Orientation, and Morphology in Thin Films of Diindenoperylene Deposited on Au(111) Single Crystals. <i>Advanced Materials</i> , 2010, 22, 3740-3744.	11.1	40
15	Interaction between Cobalt Phthalocyanine and Gold Studied by X-ray Absorption and Resonant Photoemission Spectroscopy. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 3380-3384.	2.1	37
16	Initial molecular orientation of phthalocyanines on oxide substrates. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2009, 206, 2524-2528.	0.8	24
17	Orientation and electronic properties of phthalocyanines on polycrystalline substrates. <i>Physica Status Solidi (B): Basic Research</i> , 2009, 246, 1529-1545.	0.7	75
18	Role of the substrate in electronic structure, molecular orientation, and morphology of organic thin films: diindenoperylene on rutile TiO ₂ (110). <i>Physical Chemistry Chemical Physics</i> , 2009, 11, 9000.	1.3	21

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19	Buried interfacial layer of highly oriented molecules in copper phthalocyanine thin films on polycrystalline gold. <i>Journal of Chemical Physics</i> , 2007, 126, 174704.	1.2	47
20	Ultrathin transition-metal oxide films: Thickness dependence of the electronic structure and local geometry in MnO. <i>Physical Review B</i> , 2007, 75, .	1.1	24
21	Orientation of Differently Substituted Phthalocyanines: First Layers and Thin Films. <i>Molecular Crystals and Liquid Crystals</i> , 2006, 455, 241-249.	0.4	7