Rosalba A RincÃ³n

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8026717/publications.pdf

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19	864	567281 15	940533 16
papers	citations	h-index	g-index

20	20	20	1400
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Entrapment of Enzymes and Carbon Nanotubes in Biologically Synthesized Silica: Glucose Oxidaseâ€Catalyzed Direct Electron Transfer. Small, 2008, 4, 357-364.	10.0	171
2	Oxygen-reducing enzyme cathodes produced from SLAC, a small laccase from Streptomyces coelicolor. Biosensors and Bioelectronics, 2008, 23, 1229-1235.	10.1	109
3	Enzymatic fuel cells: Integrating flow-through anode and air-breathing cathode into a membrane-less biofuel cell design. Biosensors and Bioelectronics, 2011, 27, 132-136.	10.1	104
4	Activation of oxygen evolving perovskites for oxygen reduction by functionalization with Feâ€“N_x/C groups. Chemical Communications, 2014, 50, 14760-14762.	4.1	76
5	Evaluation of Perovskites as Electrocatalysts for the Oxygen Evolution Reaction. ChemPhysChem, 2014, 15, 2810-2816.	2.1	70
6	Methylene Green Electrodeposited on SWNTs-Based â€œBuckyâ€•Papers for NADH and l-Malate Oxidation. ACS Applied Materials & Interfaces, 2011, 3, 2402-2409.	8.0	66
7	One-step electrochemical synthesis of nitrogen and sulfur co-doped, high-quality graphene oxide. Chemical Communications, 2016, 52, 5714-5717.	4.1	64
8	Flow-through 3D biofuel cell anode for NAD+-dependent enzymes. Electrochimica Acta, 2011, 56, 2503-2509.	5.2	37
9	Paper based biofuel cells: Incorporating enzymatic cascades for ethanol and methanol oxidation. International Journal of Hydrogen Energy, 2015, 40, 14661-14666.	7.1	33
10	Local visualization of catalytic activity at gas evolving electrodes using frequency-dependent scanning electrochemical microscopy. Chemical Communications, 2014, 50, 13250-13253.	4.1	27
11	Onset potential determination at gas-evolving catalysts by means of constant-distance mode positioning of nanoelectrodes. Electrochimica Acta, 2015, 179, 38-44.	5.2	24
12	Revealing onset potentials using electrochemical microscopy to assess the catalytic activity of gas-evolving electrodes. Electrochemistry Communications, 2014, 38, 142-145.	4.7	22
13	Chemical polymerization and electrochemical characterization of thiazines for NADH electrocatalysis applications. Electrochimica Acta, 2010, 55, 6659-6664.	5.2	19
14	Biofuelâ€Cell Cathodes Based on Bilirubin Oxidase Immobilized through Organic Linkers on 3D Hierarchically Structured Carbon Electrodes. ChemElectroChem, 2014, 1, 1901-1908.	3.4	15
15	Using Cavity Microelectrodes for Electrochemical Noise Studies of Oxygenâ€Evolving Catalysts. ChemSusChem, 2015, 8, 560-566.	6.8	15
16	Batteries & Supercaps: The Future of Electrochemical Energy Storage. Batteries and Supercaps, 2018, 1, 3-5.	4.7	12
17	Supercharged!. Batteries and Supercaps, 2020, 3, 6-9.	4.7	0
18	Gaining Momentum. Batteries and Supercaps, 2021, 4, 6-7.	4.7	0

#	Article	IF	Citations
19	More Power in Series. Batteries and Supercaps, 2022, 5, .	4.7	0