

Carlos Augusto Campos Roldán

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

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932766

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1058022

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times ranked

803
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances of Cobalt-Based Electrocatalysts for Oxygen Electrode Reactions and Hydrogen Evolution Reaction. <i>Catalysts</i> , 2018, 8, 559.	1.6	107
2	Influence of sp^3 \rightarrow sp^2 Carbon Nanodomains on Metal/Support Interaction, Catalyst Durability, and Catalytic Activity for the Oxygen Reduction Reaction. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 23260-23269.	4.0	95
3	Experimental Protocol for HOR and ORR in Alkaline Electrochemical Measurements. <i>Journal of the Electrochemical Society</i> , 2018, 165, J3001-J3007.	1.3	63
4	The Hydrogen Oxidation Reaction in Alkaline Medium: An Overview. <i>Electrochemical Energy Reviews</i> , 2019, 2, 312-331.	13.1	56
5	The oxophilic and electronic effects on anchored platinum nanoparticles on sp carbon sites: The hydrogen evolution and oxidation reactions in alkaline medium. <i>Electrochimica Acta</i> , 2018, 283, 1829-1834.	2.6	33
6	Influence of the architecture of Au Ag Pt nanoparticles on the electrocatalytic activity for hydrogen evolution reaction. <i>International Journal of Hydrogen Energy</i> , 2017, 42, 30208-30215.	3.8	25
7	Rational Design of Carbon-Supported Platinum-Gadolinium Nanoalloys for Oxygen Reduction Reaction. <i>ACS Catalysis</i> , 2021, 11, 13519-13529.	5.5	21
8	NiO-Ni/CNT as an Efficient Hydrogen Electrode Catalyst for a Unitized Regenerative Alkaline Microfluidic Cell. <i>ACS Applied Energy Materials</i> , 2020, 3, 4746-4755.	2.5	18
9	Understanding the oxophilic effect on the hydrogen electrode reaction through PtM nanostructures. <i>Journal of Solid State Electrochemistry</i> , 2021, 25, 187-194.	1.2	15
10	The Oxygen Reduction and Hydrogen Evolution Reactions on Carbon Supported Cobalt Diselenide Nanostructures. <i>Journal of the Electrochemical Society</i> , 2020, 167, 026507.	1.3	13
11	Unitized Regenerative Alkaline Microfluidic Cell Based on Platinum Group Metal-Free Electrode Materials. <i>ACS Applied Energy Materials</i> , 2020, 3, 7397-7403.	2.5	11
12	Influence of the Carbon Support on the Properties of Platinum-Yttrium Nanoalloys for the Oxygen Reduction Reaction. <i>ACS Applied Energy Materials</i> , 2022, 5, 3319-3328.	2.5	10
13	The Effect of Carbon-Based Substrates onto Non-Precious and Precious Electrocatalytic Centers. <i>ECS Transactions</i> , 2015, 69, 35-42.	0.3	8
14	Enhancing the activity and stability of carbon-supported platinum-gadolinium nanoalloys towards the oxygen reduction reaction. <i>Nanoscale Advances</i> , 2021, 4, 26-29.	2.2	7