

Kranthi Kumar Maniam

List of Publications by Year in descending order

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papers

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321
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of pyrolysis temperature on cobalt phthalocyanine supported on carbon nanotubes for oxygen reduction reaction. <i>Journal of Applied Electrochemistry</i> , 2012, 42, 945-951.	1.5	38
2	A Review on the Electrodeposition of Aluminum and Aluminum Alloys in Ionic Liquids. <i>Coatings</i> , 2021, 11, 80.	1.2	38
3	Progress in Electrodeposition of Zinc and Zinc Nickel Alloys Using Ionic Liquids. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5321.	1.3	33
4	Corrosion Performance of Electrodeposited Zinc and Zinc-Alloy Coatings in Marine Environment. <i>Corrosion and Materials Degradation</i> , 2021, 2, 163-189.	1.0	26
5	Electrodeposited Palladium Nanoflowers for Electrocatalytic Applications. <i>Fuel Cells</i> , 2013, 13, 1196-1204.	1.5	24
6	Electrocatalytic Performance of Palladium Dendrites Deposited on Titania Nanotubes for Formic Acid Oxidation. <i>Fuel Cells</i> , 2016, 16, 656-661.	1.5	23
7	Ionic Liquids and Deep Eutectic Solvents for CO ₂ Conversion Technologies—A Review. <i>Materials</i> , 2021, 14, 4519.	1.3	23
8	Electrodeposition of dendritic palladium nanostructures on carbon support for direct formic acid fuel cells. <i>International Journal of Hydrogen Energy</i> , 2016, 41, 18602-18609.	3.8	19
9	Oxygen-Plasma-Functionalized Carbon Nanotubes as Supports for Platinum-Ruthenium Catalysts Applied in Electrochemical Methanol Oxidation. <i>ChemPlusChem</i> , 2015, 80, 130-135.	1.3	16
10	Electrochemical synthesis of palladium dendrites on carbon support and their enhanced electrocatalytic activity towards formic acid oxidation. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 953-962.	1.5	8
11	Progress in the Development of Electrodeposited Catalysts for Direct Liquid Fuel Cell Applications. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 501.	1.3	8
12	Progress in Novel Electrodeposited Bond Coats for Thermal Barrier Coating Systems. <i>Materials</i> , 2021, 14, 4214.	1.3	7
13	Approaches towards Improving the Dispersion of Electrodeposited Palladium on Carbon Supports. <i>Energy Procedia</i> , 2014, 54, 281-291.	1.8	6
14	Palladium Nanodendrites Deposited on Electrochemically Activated Carbon Based Support for Electrocatalytic Applications. <i>ECS Transactions</i> , 2014, 61, 11-20.	0.3	3
15	A Preliminary Assessment of the “Greenness” of Halide-Free Ionic Liquids—An MCDA Based Approach. <i>Processes</i> , 2021, 9, 1524.	1.3	1