

Alia MÃ©ndez

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

448
citations

840585

11
h-index

794469

19
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23
all docs

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docs citations

23
times ranked

623
citing authors

#	ARTICLE	IF	CITATIONS
1	A Review on SERS-Based Detection of Human Virus Infections: Influenza and Coronavirus. <i>Biosensors</i> , 2021, 11, 66.	2.3	60
2	Nucleation and growth mechanism of Cu-Zn/AgNPs composite coatings at different concentrations of silver nanoparticles (AgNPs) in solution. <i>Electrochimica Acta</i> , 2021, 390, 138867.	2.6	1
3	Indirect Quantification of Glyphosate by SERS Using an Incubation Process With Hemin as the Reporter Molecule: A Contribution to Signal Amplification Mechanism. <i>Frontiers in Chemistry</i> , 2020, 8, 612076.	1.8	8
4	Effect of heat treatment on the hardness and wear resistance of electrodeposited Co-B alloy coatings. <i>Journal of Materials Research and Technology</i> , 2019, 8, 960-968.	2.6	17
5	Electrodeposition of Co-B/SiC Composite Coatings: Characterization and Evaluation of Wear Volume and Hardness. <i>Coatings</i> , 2019, 9, 279.	1.2	3
6	Stereometric Analysis of Effects of Heat Stressing on Micromorphology of Si Single Crystals. <i>Silicon</i> , 2019, 11, 2945-2959.	1.8	7
7	Electrochemical Biosensor for Sensitive Quantification of Glyphosate in Maize Kernels. <i>Electroanalysis</i> , 2019, 31, 927-935.	1.5	45
8	The effect of dental LED light curing unit photoactivation mode on 3D surface morphology of dental nanocomposites evaluated by two-dimensional multifractal detrended fluctuation analysis. <i>Microscopy Research and Technique</i> , 2018, 81, 1223-1230.	1.2	13
9	Electrodeposition of antibacterial Zn-Cu/silver nanoparticle (AgNP) composite coatings from an alkaline solution containing glycine and AgNPs. <i>Journal of Electroanalytical Chemistry</i> , 2018, 823, 328-334.	1.9	20
10	Emerging pollutant treatments in wastewater: Cases of antibiotics and hormones. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2017, 52, 235-253.	0.9	43
11	The spontaneous decarboxylation of strong carboxylic acid $\hat{\sim}$ carboxylate mixtures and the use of carbon surfaces to trap the released free radicals. <i>Electrochimica Acta</i> , 2017, 245, 472-481.	2.6	7
12	Electrodeposited chrome/silver nanoparticle (Cr/AgNPs) composite coatings: Characterization and antibacterial activity. <i>Journal of Alloys and Compounds</i> , 2017, 710, 302-311.	2.8	32
13	The electrocatalytic properties of adsorbed hemin and its nitrosyl adduct on glassy carbon surfaces toward hydroxylamine in aqueous neutral electrolytes. <i>Journal of Electroanalytical Chemistry</i> , 2017, 793, 250-256.	1.9	2
14	Electrodeposition of Ni-P/SiC Composite Films with High Hardness. , 2016, , .		7
15	Biosensors based on oxidative enzymes for detection of environmental pollutants. <i>Biocatalysis</i> , 2016, 1, .	2.3	16
16	Micromorphological characterization of zinc/silver particle composite coatings. <i>Microscopy Research and Technique</i> , 2015, 78, 1082-1089.	1.2	47
17	Electrodeposition, characterization, and antibacterial activity of zinc/silver particle composite coatings. <i>Applied Surface Science</i> , 2015, 342, 34-41.	3.1	56
18	Biocatalytic spectrophotometric method to detect paracetamol in water samples. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 1046-1056.	0.9	10

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19	Multifractal Characterization of Nanostructure Surfaces of Electrodeposited Ni-P Coatings. Journal of the Electrochemical Society, 2014, 161, D44-D47.	1.3	47
20	Thermodynamic Study of PEG (MW 20,000) Adsorption in the Presence of Cl ⁻ Anions onto a Polycrystalline Gold Electrode. Journal of the Electrochemical Society, 2012, 159, F48-F55.	1.3	5
21	Identification of the Species Produced During of the Adsorption/Desorption Processes of Polyethyleneglycol 20,000 on Platinum in Acid Solutions. ECS Meeting Abstracts, 2009, , .	0.0	0
22	Microtexture analysis of copper-doped iron oxide thin films prepared by air pneumatic spray. Journal of Microscopy, 0, , .	0.8	2