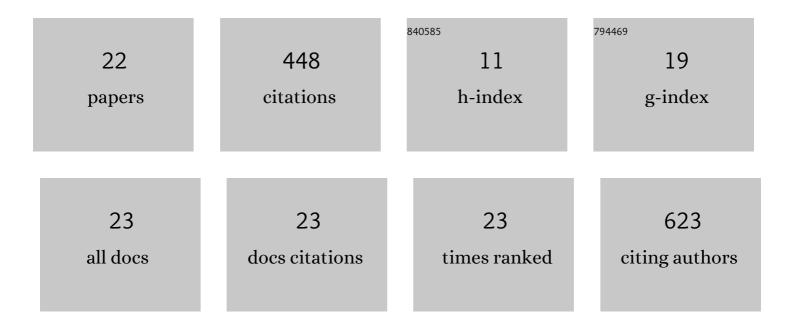
Alia Méndez

List of Publications by Year in descending order

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Διιλ ΜÃΩΝDEZ

#	Article	IF	CITATIONS
1	A Review on SERS-Based Detection of Human Virus Infections: Influenza and Coronavirus. Biosensors, 2021, 11, 66.	2.3	60
2	Electrodeposition, characterization, and antibacterial activity of zinc/silver particle composite coatings. Applied Surface Science, 2015, 342, 34-41.	3.1	56
3	Multifractal Characterization of Nanostructure Surfaces of Electrodeposited Ni-P Coatings. Journal of the Electrochemical Society, 2014, 161, D44-D47.	1.3	47
4	Micromorphological characterization of zinc/silver particle composite coatings. Microscopy Research and Technique, 2015, 78, 1082-1089.	1.2	47
5	Electrochemical Biosensor for Sensitive Quantification of Glyphosate in Maize Kernels. Electroanalysis, 2019, 31, 927-935.	1.5	45
6	Emerging pollutant treatments in wastewater: Cases of antibiotics and hormones. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2017, 52, 235-253.	0.9	43
7	Electrodeposited chrome/silver nanoparticle (Cr/AgNPs) composite coatings: Characterization and antibacterial activity. Journal of Alloys and Compounds, 2017, 710, 302-311.	2.8	32
8	Electrodeposition of antibacterial Zn-Cu/silver nanoparticle (AgNP) composite coatings from an alkaline solution containing glycine and AgNPs. Journal of Electroanalytical Chemistry, 2018, 823, 328-334.	1.9	20
9	Effect of heat treatment on the hardness and wear resistance of electrodeposited Co-B alloy coatings. Journal of Materials Research and Technology, 2019, 8, 960-968.	2.6	17
10	Biosensors based on oxidative enzymes for detection of environmental pollutants. Biocatalysis, 2016, 1, .	2.3	16
11	The effect of dental LED lightâ€curing unit photoactivation mode on 3D surface morphology of dental nanocomposites evaluated by twoâ€dimensional multifractal detrended fluctuation analysis. Microscopy Research and Technique, 2018, 81, 1223-1230.	1.2	13
12	Biocatalytic spectrophotometric method to detect paracetamol in water samples. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 1046-1056.	0.9	10
13	Indirect Quantification of Glyphosate by SERS Using an Incubation Process With Hemin as the Reporter Molecule: A Contribution to Signal Amplification Mechanism. Frontiers in Chemistry, 2020, 8, 612076.	1.8	8
14	Electrodeposition of Ni-P/SiC Composite Films with High Hardness. , 2016, , .		7
15	The spontaneous decarboxylation of strong carboxylic acid â^² carboxylate mixtures and the use of carbon surfaces to trap the released free radicals. Electrochimica Acta, 2017, 245, 472-481.	2.6	7
16	Stereometric Analysis of Effects of Heat Stressing on Micromorphology of Si Single Crystals. Silicon, 2019, 11, 2945-2959.	1.8	7
17	Thermodynamic Study of PEG (MW 20,000) Adsorption in the Presence of Clâ ^{~,} Anions onto a Polycrystalline Gold Electrode. Journal of the Electrochemical Society, 2012, 159, F48-F55.	1.3	5
18	Electrodeposition of Co-B/SiC Composite Coatings: Characterization and Evaluation of Wear Volume and Hardness. Coatings, 2019, 9, 279.	1.2	3

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#	Article	IF	CITATIONS
19	The electrocatalytic properties of adsorbed hemin and its nitrosyl adduct on glassy carbon surfaces toward hydroxylamine in aqueous neutral electrolytes. Journal of Electroanalytical Chemistry, 2017, 793, 250-256.	1.9	2
20	Microtexture analysis of copperâ€doped iron oxide thin films prepared by air pneumatic spray. Journal of Microscopy, 0, , .	0.8	2
21	Nucleation and growth mechanism of Cu-Zn/AgNPs composite coatings at different concentrations of silver nanoparticles (AgNPs) in solution. Electrochimica Acta, 2021, 390, 138867.	2.6	1
22	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