

Sergio Blanco

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

125
citations

1478505

6
h-index

1281871

11
g-index

19
all docs

19
docs citations

19
times ranked

200
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling the Growth of Nanowire Arrays in Porous Membrane Templates. Journal of the Electrochemical Society, 2014, 161, E3341-E3347.	2.9	25
2	A rotating disk study of the photocatalytic oxidation of p-nitrophenol on phosphorus-modified TiO ₂ photocatalyst. Applied Catalysis B: Environmental, 2015, 166-167, 529-534.	20.2	22
3	A novel nickel nanowire amperometric sensor: Direct current vs. alternating current strategies for ethanol, acetaldehyde and acetylcholine detection. Journal of Electroanalytical Chemistry, 2015, 740, 61-67.	3.8	16
4	Self-assembled Pt screen printed electrodes with a novel peroxidase Panicum maximum and zinc oxide nanoparticles for H ₂ O ₂ detection. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 561, 18-24.	4.7	16
5	Silver nanoparticles: Influence of the temperature synthesis on the particles' morphology. Journal of Physics: Conference Series, 2017, 786, 012020.	0.4	13
6	Processing of spent Ni-MH batteries for the recovery of cobalt, nickel and rare earth elements bearing materials by means of a chemical and electrochemical sequential process. Journal of Physics: Conference Series, 2016, 687, 012107.	0.4	8
7	Electroanalytical determination of catechol by a biosensor based on laccase from <i>Aspergillus oryzae</i> immobilized on gold screen-printed electrodes. Journal of Physics: Conference Series, 2018, 1119, 012009.	0.4	6
8	Scanning electron microscopy of heat treated TiO ₂ nanotubes arrays obtained by anodic oxidation. Journal of Physics: Conference Series, 2017, 935, 012025.	0.4	4
9	Characterization of a zinc-nickel alloy coating obtained from an electrolytic bath produced with spent batteries as raw materials. Journal of Physics: Conference Series, 2018, 1119, 012005.	0.4	3
10	Electrolytic recovery of nickel and cobalt as multi-elemental coatings: an option for the recycling of spent Ni-MH batteries. Journal of Physics: Conference Series, 2018, 1119, 012003.	0.4	3
11	Formation of Ca/P ceramic coatings by Plasma Electrolytic Oxidation (PEO) on Ti6Al4V ELI alloy. Journal of Physics: Conference Series, 2017, 935, 012031.	0.4	2
12	Synthesis and characterization of Zn/Ni-Co bilayer coatings using the metals recovered from spent household batteries as raw materials. Journal of Physics: Conference Series, 2018, 1119, 012007.	0.4	2
13	Amperometric detection of triclosan with screen-printed carbon nanotube electrodes modified with Guinea Grass (<i>Panicum maximum</i>) peroxidase. Universitas Scientiarum, 2019, 24, 363-379.	0.4	2
14	Influence of Na ⁺ , K ⁺ , Mn ²⁺ , Fe ²⁺ and Zn ²⁺ ions on the electrodeposition of Ni-Co alloys: Implications for the recycling of Ni-MH batteries. Journal of Physics: Conference Series, 2017, 786, 012033.	0.4	1
15	Morphological evaluation of graphite substrates coated with alumina nanoparticles deposited by electrophoresis. Journal of Physics: Conference Series, 2018, 1119, 012023.	0.4	1
16	Effect of the oxygen diffusion in the anatase-rutile transformation in a TiO ₂ nanotubes array obtained by electrochemical anodization.. Journal of Physics: Conference Series, 2018, 1119, 012026.	0.4	1
17	Influence of process parameters on the electrophoretic deposition of zirconia nanoparticle coatings. Journal of Physics: Conference Series, 2018, 1119, 012015.	0.4	0
18	Electrochemical synthesis and characterization of bioinspired copper hydrophobic coatings. Journal of Physics: Conference Series, 2019, 1159, 012006.	0.4	0