

# 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	Electrochemical synthesis and characterization of bioinspired copper hydrophobic coatings. Journal of Physics: Conference Series, 2019, 1159, 012006.	0.4	0
2	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
3	Self-assembled Pt screen printed electrodes with a novel peroxidase <i>Panicum maximum</i> and zinc oxide nanoparticles for H <sub>2</sub> O <sub>2</sub> detection. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2019, 561, 18-24.	4.7	16
4	Influence of process parameters on the electrophoretic deposition of zirconia nanoparticle coatings. Journal of Physics: Conference Series, 2018, 1119, 012015.	0.4	0
5	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
6	Morphological evaluation of graphite substrates coated with alumina nanoparticles deposited by electrophoresis. Journal of Physics: Conference Series, 2018, 1119, 012023.	0.4	1
7	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
8	Effect of the oxygen diffusion in the anatase-rutile transformation in a TiO <sub>2</sub> nanotubes array obtained by electrochemical anodization.. Journal of Physics: Conference Series, 2018, 1119, 012026.	0.4	1
9	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
10	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
11	Silver nanoparticles: Influence of the temperature synthesis on the particles' morphology. Journal of Physics: Conference Series, 2017, 786, 012020.	0.4	13
12	Influence of Na <sup>+</sup> , K <sup>+</sup> , Mn <sup>2+</sup> , Fe <sup>2+</sup> and Zn <sup>2+</sup> 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
13	Scanning electron microscopy of heat treated TiO <sub>2</sub> nanotubes arrays obtained by anodic oxidation. Journal of Physics: Conference Series, 2017, 935, 012025.	0.4	4
14	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
15	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
16	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
17	A rotating disk study of the photocatalytic oxidation of p-nitrophenol on phosphorus-modified TiO <sub>2</sub> photocatalyst. Applied Catalysis B: Environmental, 2015, 166-167, 529-534.	20.2	22
18	Modeling the Growth of Nanowire Arrays in Porous Membrane Templates. Journal of the Electrochemical Society, 2014, 161, E3341-E3347.	2.9	25