

Norberto Casillas

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,062
citations

471509

17
h-index

395702

33
g-index

38
all docs

38
docs citations

38
times ranked

1098
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis and Characterization of Silver Nanowires for Developing a Prismatic Zinc-Silver Oxide Battery. ECS Transactions, 2022, 106, 109-118.	0.5	0
2	Development of an Application in Python Language to Simulate Cyclic Voltammograms with Multiple Reaction Mechanisms.. ECS Transactions, 2022, 106, 195-202.	0.5	0
3	Numerical Simulation of the Electrosynthesis of Br ₂ from a Highly Concentrated KBr Solution. ECS Transactions, 2022, 106, 211-222.	0.5	0
4	Kinetic Study and Numerical Validation of the Cyanide Neutralization Process Using Alkaline Chlorination. ECS Transactions, 2021, 101, 383-392.	0.5	1
5	DFT as a Tool for Predicting Corrosion Inhibition Capacity. ECS Transactions, 2021, 101, 277-290.	0.5	1
6	A brief summary of electrochemistry: from its beginnings to its present challenges. Journal of Solid State Electrochemistry, 2020, 24, 2033-2034.	2.5	1
7	Development of a Randles-ÅevÅk-like equation to predict the peak current of cyclic voltammetry for solid metal hexacyanoferrates. Journal of Solid State Electrochemistry, 2019, 23, 3123-3133.	2.5	39
8	Characterization of reverse microemulsion formed with functionalized surfactants based on ferricyanide ions. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 541, 10-16.	4.7	3
9	Enhancement of antibacterial efficiency at silver electrodeposited on coconut shell activated carbon by modulating pulse frequency. Journal of Solid State Electrochemistry, 2018, 22, 749-759.	2.5	6
10	Design, Construction and Evaluation of a 3D Printed Electrochemical Flow Cell for the Synthesis of Magnetite Nanoparticles. Journal of the Electrochemical Society, 2018, 165, H688-H697.	2.9	19
11	New Insights into the Electrochemical Formation of Magnetite Nanoparticles. Journal of the Electrochemical Society, 2017, 164, D184-D191.	2.9	26
12	Analytical Fukui and cyclic voltammetric studies on ferrocene modified carbon electrodes and effect of Triton X-100 by immobilization method. Electrochimica Acta, 2017, 258, 1025-1034.	5.2	45
13	Application of a modified flow-type microcell to evaluate local mass transport coefficients. Journal of Solid State Electrochemistry, 2017, 21, 3345-3354.	2.5	2
14	Assessment of Physicochemical Properties of Tequila Brands: Authentication and Quality. Journal of Chemistry, 2016, 2016, 1-13.	1.9	8
15	The importance of the film structure during self-powered ibuprofen salicylate drug release from polypyrrole electrodeposited on AZ31 Mg. Journal of Solid State Electrochemistry, 2016, 20, 3375-3382.	2.5	9
16	Role of Defects on Regioselectivity of Nano Pristine Graphene. Journal of Physical Chemistry A, 2016, 120, 9101-9108.	2.5	29
17	The Scaling of Electrochemical Parameters of DNA Aqueous Solutions with Concentration and Temperature Through an Electrochemical Impedance Spectroscopy Study. Electrochimica Acta, 2015, 167, 311-320.	5.2	3
18	Direct synthesis of different metal hexacyanoferrate nanoparticles in reverse microemulsions by using a ferrocyanide functionalized surfactant. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2014, 444, 63-68.	4.7	14

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19	DNA Transitions by an Adsorption Impedance Study. Journal of the Electrochemical Society, 2013, 160, G69-G74.	2.9	6
20	DNA Conformational Transitions at Different Concentrations and Temperatures Monitored by EIS. ECS Electrochemistry Letters, 2012, 1, G1-G3.	1.9	4
21	Carbon nanotubes/carbon xerogel-nafion electrodes: a comparative study of preparation methods. Journal of Solid State Electrochemistry, 2012, 16, 3777-3782.	2.5	6
22	Low-voltage anodized TiO ₂ nanostructures studied by alternate current electrochemical microscopy and photoelectrochemical measurements. Journal of Solid State Electrochemistry, 2012, 16, 977-983.	2.5	5
23	Cu (II) removal from tequila using an ion-exchange resin. Food Chemistry, 2011, 127, 1503-1509.	8.2	23
24	Metals in alcoholic beverages: A review of sources, effects, concentrations, removal, speciation, and analysis. Journal of Food Composition and Analysis, 2008, 21, 672-683.	3.9	136
25	Determination of Cu in Tequila by Anodic Stripping Voltammetry. Analytical Letters, 2008, 41, 469-477.	1.8	18
26	Surface characterization of electrodeposited silver on activated carbon for bactericidal purposes. Journal of Colloid and Interface Science, 2007, 314, 562-571.	9.4	56
27	Photoelectrochemical processes at interfaces of nanostructured TiO ₂ /carbon black composites studied by scanning photoelectrochemical microscopy. Journal of Solid State Electrochemistry, 2007, 11, 1287-1294.	2.5	15
28	Surface characterization of nanostructured TiO ₂ and carbon blacks composites by dye adsorption and photoelectrochemical studies. Applied Catalysis B: Environmental, 2006, 69, 65-74.	20.2	31
29	Design and analysis of fiber optical distance sensor. , 2005, , .		0
30	Homogeneity and Activity Characterization of Iron Sulfide Films After Immersion in Different Electrolytic Media. Journal of the Electrochemical Society, 2003, 150, E237.	2.9	6
31	Chemical Characterization of Corrosion Films Electrochemically Grown on Carbon Steel in Alkaline Sour Environment. Journal of the Electrochemical Society, 2003, 150, B530.	2.9	10
32	Simultaneous Scanning Electrochemical and Photoelectrochemical Microscopy by Use of a Metallized Optical Fiber. Journal of the Electrochemical Society, 1996, 143, 3853-3865.	2.9	66
33	Microvisualization of corrosion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1995, 198, 177-196.	5.6	21
34	A Novel Approach to Combine Scanning Electrochemical Microscopy and Scanning Photoelectrochemical Microscopy. Journal of the Electrochemical Society, 1995, 142, L16-L18.	2.9	69
35	Pitting Corrosion of Titanium. Journal of the Electrochemical Society, 1994, 141, 636-642.	2.9	189
36	Scanning Electrochemical Microscopy of Precursor Sites for Pitting Corrosion on Titanium. Journal of the Electrochemical Society, 1993, 140, L142-L145.	2.9	129

#	ARTICLE	IF	CITATIONS
37	Correlation of electron-transfer rates with the surface density of states of native and anodically grown oxide films on titanium. <i>The Journal of Physical Chemistry</i> , 1991, 95, 7002-7007.	2.9	29
38	State of water and surfactant in lyotropic liquid crystals. <i>Langmuir</i> , 1989, 5, 384-389.	3.5	37