

Norberto Casillas

List of Publications by Year in descending order

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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	Pitting Corrosion of Titanium. Journal of the Electrochemical Society, 1994, 141, 636-642.	2.9	189
2	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
3	Scanning Electrochemical Microscopy of Precursor Sites for Pitting Corrosion on Titanium. Journal of the Electrochemical Society, 1993, 140, L142-L145.	2.9	129
4	A Novel Approach to Combine Scanning Electrochemical Microscopy and Scanning Photoelectrochemical Microscopy. Journal of the Electrochemical Society, 1995, 142, L16-L18.	2.9	69
5	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
6	Surface characterization of electrodeposited silver on activated carbon for bactericidal purposes. Journal of Colloid and Interface Science, 2007, 314, 562-571.	9.4	56
7	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
8	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
9	State of water and surfactant in lyotropic liquid crystals. Langmuir, 1989, 5, 384-389.	3.5	37
10	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
11	Correlation of electron-transfer rates with the surface density of states of native and anodically grown oxide films on titanium. The Journal of Physical Chemistry, 1991, 95, 7002-7007.	2.9	29
12	Role of Defects on Regioselectivity of Nano Pristine Graphene. Journal of Physical Chemistry A, 2016, 120, 9101-9108.	2.5	29
13	New Insights into the Electrochemical Formation of Magnetite Nanoparticles. Journal of the Electrochemical Society, 2017, 164, D184-D191.	2.9	26
14	Cu (II) removal from tequila using an ion-exchange resin. Food Chemistry, 2011, 127, 1503-1509.	8.2	23
15	Microvisualization of corrosion. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 1995, 198, 177-196.	5.6	21
16	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
17	Determination of Cu in Tequila by Anodic Stripping Voltammetry. Analytical Letters, 2008, 41, 469-477.	1.8	18
18	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

#	ARTICLE	IF	CITATIONS
19	Direct synthesis of different metal hexacyanoferrate nanoparticles in reverse microemulsions by using a ferrocyanide functionalized surfactant. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 444, 63-68.	4.7	14
20	Chemical Characterization of Corrosion Films Electrochemically Grown on Carbon Steel in Alkaline Sour Environment. <i>Journal of the Electrochemical Society</i> , 2003, 150, B530.	2.9	10
21	The importance of the film structure during self-powered ibuprofen salicylate drug release from polypyrrole electrodeposited on AZ31 Mg. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 3375-3382.	2.5	9
22	Assessment of Physicochemical Properties of Tequila Brands: Authentication and Quality. <i>Journal of Chemistry</i> , 2016, 2016, 1-13.	1.9	8
23	Homogeneity and Activity Characterization of Iron Sulfide Films After Immersion in Different Electrolytic Media. <i>Journal of the Electrochemical Society</i> , 2003, 150, E237.	2.9	6
24	Carbon nanotubes/carbon xerogel-nafion electrodes: a comparative study of preparation methods. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 3777-3782.	2.5	6
25	DNA Transitions by an Adsorption Impedance Study. <i>Journal of the Electrochemical Society</i> , 2013, 160, G69-G74.	2.9	6
26	Enhancement of antibacterial efficiency at silver electrodeposited on coconut shell activated carbon by modulating pulse frequency. <i>Journal of Solid State Electrochemistry</i> , 2018, 22, 749-759.	2.5	6
27	Low-voltage anodized TiO ₂ nanostructures studied by alternate current electrochemical microscopy and photoelectrochemical measurements. <i>Journal of Solid State Electrochemistry</i> , 2012, 16, 977-983.	2.5	5
28	DNA Conformational Transitions at Different Concentrations and Temperatures Monitored by EIS. <i>ECS Electrochemistry Letters</i> , 2012, 1, G1-G3.	1.9	4
29	The Scaling of Electrochemical Parameters of DNA Aqueous Solutions with Concentration and Temperature Through an Electrochemical Impedance Spectroscopy Study. <i>Electrochimica Acta</i> , 2015, 167, 311-320.	5.2	3
30	Characterization of reverse microemulsion formed with functionalized surfactants based on ferricyanide ions. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2018, 541, 10-16.	4.7	3
31	Application of a modified flow-type microcell to evaluate local mass transport coefficients. <i>Journal of Solid State Electrochemistry</i> , 2017, 21, 3345-3354.	2.5	2
32	A brief summary of electrochemistry: from its beginnings to its present challenges. <i>Journal of Solid State Electrochemistry</i> , 2020, 24, 2033-2034.	2.5	1
33	Kinetic Study and Numerical Validation of the Cyanide Neutralization Process Using Alkaline Chlorination. <i>ECS Transactions</i> , 2021, 101, 383-392.	0.5	1
34	DFT as a Tool for Predicting Corrosion Inhibition Capacity. <i>ECS Transactions</i> , 2021, 101, 277-290.	0.5	1
35	Design and analysis of fiber optical distance sensor. , 2005, , .		0
36	Synthesis and Characterization of Silver Nanowires for Developing a Prismatic Zinc-Silver Oxide Battery. <i>ECS Transactions</i> , 2022, 106, 109-118.	0.5	0

#	ARTICLE	IF	CITATIONS
37	Development of an Application in Python Language to Simulate Cyclic Voltammograms with Multiple Reaction Mechanisms.. ECS Transactions, 2022, 106, 195-202.	0.5	0
38	Numerical Simulation of the Electrosynthesis of Br ₂ from a Highly Concentrated KBr Solution. ECS Transactions, 2022, 106, 211-222.	0.5	0