

# Manuel Eduardo Palomar-PardavÃ©

## List of Publications by Year in descending order

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193  
papers

4,564  
citations

94433

37  
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128289

60  
g-index

194  
all docs

194  
docs citations

194  
times ranked

3848  
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrocatalytic oxidation of formic acid by palladium nanoparticles electrochemically synthesized from a deep eutectic solvent. <i>Catalysis Today</i> , 2022, 394-396, 190-197.	4.4	7
2	Electrochemical nucleation and growth of aluminum nanoparticles and leaf-like flat microstructures from reline deep eutectic solvent: Effect of temperature and angular speed of working electrode. <i>Transactions of Nonferrous Metals Society of China</i> , 2022, 32, 1050-1060.	4.2	5
3	Insights into Electronucleation and Electrodeposition of Nickel from a Non-aqueous Solvent Based on $\text{NiCl}_2 \cdot 6\text{H}_2\text{O}$ Dissolved in Ethylene Glycol. <i>Inorganic Chemistry</i> , 2022, 61, 5099-5111.	4.0	7
4	On the Curcumin and $\beta$ -Cyclodextrin Interaction in Aqueous Media. Spectrophotometric and Electrochemical Study. <i>ChemElectroChem</i> , 2022, 9, .	3.4	3
5	Quinizarin characterization and quantification in aqueous media using UV-VIS spectrophotometry and cyclic voltammetry. <i>Dyes and Pigments</i> , 2021, 184, 108641.	3.7	8
6	A Deep Eutectic Solvent as Leaching Agent and Electrolytic Bath for Silver Recovery from Spent Silver Oxide Batteries. <i>Journal of the Electrochemical Society</i> , 2021, 168, 016508.	2.9	13
7	Simultaneous Electrochemical Quantification of Foodstuff Dyes Allura Red and Tartrazine Using a Bare Carbon Paste Electrode. <i>Journal of the Electrochemical Society</i> , 2021, 168, 057514.	2.9	2
8	Influence of the diffusion annealing process in the corrosion susceptibility of cobalt boride layer immersed in Hank's solution. <i>Surface and Coatings Technology</i> , 2021, 421, 127462.	4.8	4
9	Electrodeposition of Nanostructured Chromium Conglomerates from Cr(III) Dissolved in a Deep Eutectic Solvent: Influence of Forced Convection. <i>Journal of the Electrochemical Society</i> , 2021, 168, 112512.	2.9	5
10	Spectro-electrochemical characterization and quantification of Rutin in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 228, 117814.	3.9	7
11	Experimental and theoretical study on the corrosion inhibition of API 5L X52 steel in acid media by a new quinazoline derivative. <i>Journal of Molecular Liquids</i> , 2020, 320, 114449.	4.9	5
12	On the Corrosion Mechanism of Borided X12CrNiMoV12-3 Steel Immersed in a Neutral Aqueous Solution Containing Chloride and Sulfate Ions. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 4868-4879.	2.2	9
13	Ni-Co alloy electrodeposition from the cathode powder of Ni-MH spent batteries leached with a deep eutectic solvent (reline). <i>Journal of Alloys and Compounds</i> , 2020, 830, 154650.	5.5	43
14	Novel electrochemical method to evaluate the antioxidant capacity of infusions and beverages, based on in situ formation of free superoxide radicals. <i>Food Chemistry</i> , 2020, 332, 127409.	8.2	13
15	Fluconazole and fragments as corrosion inhibitors of API 5L X52 steel immersed in 1M HCl. <i>Corrosion Science</i> , 2020, 174, 108853.	6.6	27
16	Mechanism and Kinetics of Palladium Nanoparticles Electrochemical Formation onto Glassy Carbon, from a Deep Eutectic Solvent (Reline). <i>Journal of Physical Chemistry B</i> , 2020, 124, 3973-3983.	2.6	17
17	Construction and Optimization of a Novel Acetylcholine Ion-Selective Electrode and its Application for Trace Level Determination of Propoxur Pesticide. <i>Journal of the Electrochemical Society</i> , 2020, 167, 087501.	2.9	8
18	Electrochemical Deposition of $\text{Pd}@\text{Pd}(\text{OH})_2$ Core-Shell Nanoparticles onto Glassy Carbon from a Deep Eutectic Solvent (Reline) and their Use as Electrocatalyst for the Methanol Oxidation Reaction. <i>Journal of the Electrochemical Society</i> , 2020, 167, 112509.	2.9	6

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19	Electrochemical study and physicochemical characterization of iron nanoparticles electrodeposited onto HOPG from Fe(III) ions dissolved in the choline chloride-urea deep eutectic solvent. Journal of Electroanalytical Chemistry, 2019, 851, 113453.	3.8	20
20	Adsorption and corrosion inhibition behaviour of new theophylline-triazole-based derivatives for steel in acidic medium. Royal Society Open Science, 2019, 6, 181738.	2.4	38
21	1-Ethyl 3-methylimidazolium thiocyanate ionic liquid as corrosion inhibitor of API 5L X52 steel in H <sub>2</sub> SO <sub>4</sub> and HCl media. Corrosion Science, 2019, 153, 85-99.	6.6	122
22	Electrochemical Nucleation and Growth of Mn and Mn-Zn Alloy from Leached Liquors of Spent Alkaline Batteries Using a Deep Eutectic Solvent. Journal of the Electrochemical Society, 2019, 166, D199-D204.	2.9	14
23	Electrochemical Study of Palladium-Based Bimetallic Electrocatalysts Supported on Carbon Vulcan XC72R for Methanol Electro-Oxidation in Alkaline Media. ECS Transactions, 2019, 94, 139-149.	0.5	0
24	Electrocatalytic Performance of Palladium-Based Electrocatalysts Supported on Carbon Nanotubes for Formic Acid Oxidation. ECS Transactions, 2019, 92, 317-324.	0.5	1
25	Carbon supported PdM (M = Fe, Co) electrocatalysts for formic acid oxidation. Influence of the Fe and Co precursors. International Journal of Hydrogen Energy, 2019, 44, 1640-1649.	7.1	33
26	Palladium Nanoparticles Electrodeposition onto Glassy Carbon from a Deep Eutectic Solvent at 298 K and Their Catalytic Performance toward Formic Acid Oxidation. Journal of the Electrochemical Society, 2019, 166, D3205-D3211.	2.9	36
27	Aluminum Electrochemical Nucleation and Growth onto a Glassy Carbon Electrode from a Deep Eutectic Solvent. Journal of the Electrochemical Society, 2019, 166, D3035-D3041.	2.9	23
28	Electrochemical evaluation of cephalothin as corrosion inhibitor for API 5L X52 steel immersed in an acid medium. Arabian Journal of Chemistry, 2019, 12, 3244-3253.	4.9	25
29	Corrosion Inhibition of Compounds Derived from Dihydropyrimidines (DMPH) in API 5L X52 Steel Immerse in 1M HCl. ECS Transactions, 2018, 84, 189-194.	0.5	0
30	New 1-(2-pyridinyl)-2-(o-, m-, p-hydroxyphenyl) benzimidazoles as corrosion inhibitors for API 5L X52 steel in acid media. Anti-Corrosion Methods and Materials, 2018, 65, 166-175.	1.5	6
31	On the electrochemical formation of nickel nanoparticles onto glassy carbon from a deep eutectic solvent. Electrochimica Acta, 2018, 276, 417-423.	5.2	46
32	Determination of Inhibition Properties of Caffeine, Theophylline and Their Allylic and Propargylic Derivatives on API 5L X70 Steel Immerse in 1M HCl. ECS Transactions, 2018, 84, 165-171.	0.5	4
33	Quercetin spectrofluorometric quantification in aqueous media using different surfactants as fluorescence promoters. RSC Advances, 2018, 8, 10980-10986.	3.6	20
34	New insights on the spectrophotometric determination of melatonin pKa values and melatonin- $\beta$ -CD inclusion complex formation constant. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 190, 442-449.	3.9	18
35	Iron Electrodeposition from Fe(II) Ions Dissolved in a Choline Chloride: Urea Eutectic Mixture. Journal of the Electrochemical Society, 2018, 165, D808-D812.	2.9	17
36	Electrochemical Synthesis of Cobalt with Different Crystal Structures from a Deep Eutectic Solvent. Journal of the Electrochemical Society, 2018, 165, D285-D290.	2.9	26

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37	2D Materials-based Platforms for Electroanalysis Applications. <i>Electroanalysis</i> , 2018, 30, 1271-1280.	2.9	20
38	Tribocorrosion and cytotoxicity of FeB-Fe2B layers on AISI 316 L steel. <i>Surface and Coatings Technology</i> , 2018, 349, 986-997.	4.8	40
39	Mechanism and Kinetics of Chromium Electrochemical Nucleation and Growth from a Choline Chloride/Ethylene Glycol Deep Eutectic Solvent. <i>Journal of the Electrochemical Society</i> , 2018, 165, D393-D401.	2.9	43
40	Effect of Hydrodynamic Conditions, Temperature and Immersion Times on the Corrosion Inhibition Efficiency of API 5L X52 Steel in 1M HCl Containing 1H-1,2,4 or 1H-1,2,3-triazoles. <i>Arabian Journal for Science and Engineering</i> , 2017, 42, 163-174.	3.0	12
41	Electrochemical Corrosion Behavior of Borided CoCrMo Alloy Immersed in Hanks's™ Solution. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 704-714.	2.5	16
42	Electrochemical nucleation and growth of Cu onto Au nanoparticles supported on a Si (111) wafer electrode. <i>Journal of Electroanalytical Chemistry</i> , 2017, 791, 1-7.	3.8	17
43	New insights on diclofenac electrochemistry using graphite as working electrode. <i>Journal of Electroanalytical Chemistry</i> , 2017, 794, 182-188.	3.8	35
44	INFLUENCE OF TEMPERATURE ON THE THERMODYNAMICS AND KINETICS OF COBALT ELECTROCHEMICAL NUCLEATION AND GROWTH. <i>Electrochimica Acta</i> , 2017, 241, 162-169.	5.2	54
45	Three-dimensional nucleation with diffusion controlled growth: A comparative study of electrochemical phase formation from aqueous and deep eutectic solvents. <i>Journal of Electroanalytical Chemistry</i> , 2017, 793, 119-125.	3.8	37
46	On Wetting Angles and Nucleation Energies during the Electrochemical Nucleation of Cobalt onto Glassy Carbon from a Deep Eutectic Solvent. <i>Journal of the Electrochemical Society</i> , 2017, 164, D694-D699.	2.9	31
47	Taking advantage of CTAB micelles for the simultaneous electrochemical quantification of diclofenac and acetaminophen in aqueous media. <i>RSC Advances</i> , 2017, 7, 40401-40410.	3.6	5
48	Nanostructured Catalysts Synthesized by High-Energy Mechanical Alloying for Formic Acid Electrochemical Oxidation. <i>Electrocatalysis</i> , 2017, 8, 472-479.	3.0	1
49	Dynamic formation of primary grain structures on squared steel billets produced by continuous casting (computer simulation). <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 91, 1709-1721.	3.0	0
50	Heat removal analysis on steel billets and slabs produced by continuous casting using numerical simulation. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 93, 1545-1565.	3.0	7
51	Simultaneous electrochemical quantification of naproxen, acetaminophen and diclofenac using a bare carbon paste electrode. <i>Analytical Methods</i> , 2016, 8, 7868-7872.	2.7	11
52	NEW INSIGHTS ON THE KINETICS AND MECHANISM OF THE ELECTROCHEMICAL OXIDATION OF DICLOFENAC IN NEUTRAL AQUEOUS MEDIUM. <i>Electrochimica Acta</i> , 2016, 199, 92-98.	5.2	31
53	Ion-Selective Electrodes for Mercury Determination at Low Concentrations: Construction, Optimization and Application. <i>Journal of the Electrochemical Society</i> , 2016, 163, B90-B96.	2.9	12
54	Effect of Core Composition in AuxCuy@Pt/C for the Methanol Oxidation Reaction. <i>Electrocatalysis</i> , 2016, 7, 174-183.	3.0	1

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55	Nucleation kinetics and contact angles of silver clusters electrodeposited on indium tin oxide surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2016, 765, 140-148.	3.8	9
56	Electrochemical quantification of the electro-active surface area of Au nanoparticles supported onto an ITO electrode by means of Cu upd. <i>Electrochemistry Communications</i> , 2015, 56, 70-74.	4.7	17
57	Spectrophotometric quantification of the thermodynamic constants of the complexes formed by dopamine and Cu(II) in aqueous media. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 143, 187-191.	3.9	7
58	Characterization and Electrochemical Determination of Diclofenac in the Presence of CTAB. <i>ECS Transactions</i> , 2015, 64, 31-34.	0.5	0
59	Electrochemical Characterization of a 2-Hydroxypropyl $\beta$ -Cyclodextrin Membrane with Tenoxicam. <i>ECS Transactions</i> , 2015, 64, 23-26.	0.5	0
60	Modulating the analytical performance of an electrochemical biosensor through varying, at the working electrode, the surface area ratio between that covered by the enzyme and the enzyme-free one. <i>Analytical Methods</i> , 2015, 7, 8568-8571.	2.7	5
61	Corrosion behavior of AISI 316L borided and non-borided steels immersed in a simulated body fluid solution. <i>Surface and Coatings Technology</i> , 2015, 280, 384-395.	4.8	27
62	Spectrophotometric and electrochemical quantification of the host-guest interaction of tenoxicam and $\beta$ -CD in aqueous solution at different pH values. <i>Journal of Electroanalytical Chemistry</i> , 2015, 738, 20-26.	3.8	5
63	Electrochemical Quantification of the Antioxidant Capacity of Medicinal Plants Using Biosensors. <i>Sensors</i> , 2014, 14, 14423-14439.	3.8	36
64	Determination of the Antioxidant Capacity of "Pistache Amargo" Using a Biosensor Based on Laccase <i>Trametes Versicolor</i> . <i>ECS Transactions</i> , 2014, 64, 77-81.	0.5	0
65	Influence of Alkyl Chain on a Neutral-Carrier for Use in Selective Membranes Mercury Ions. <i>ECS Transactions</i> , 2014, 64, 43-48.	0.5	1
66	On the Model Describing Potentiostatic Current Transients Recorded during the Mass Transport-controlled Nucleation of Hemispheres in the Presence of Forced Convection. <i>Procedia Chemistry</i> , 2014, 12, 27-33.	0.7	1
67	One-Pot Three-Component Synthesis of New Mono- and Bis-1,2,3-triazole Derivatives of 2-Benzimidazolethiol with a Promising Inhibitory Activity against Acidic Corrosion of Steel. <i>Synthesis</i> , 2014, 46, 1217-1223.	2.3	15
68	Construction of Supramolecular Systems for the Selective and Quantitative Determination of Dopamine in the Presence of Ascorbic Acid. <i>Procedia Chemistry</i> , 2014, 12, 55-61.	0.7	3
69	A Novel Tyrosinase Base Biosensor for the Quantification of Antioxidant Capacity: Evaluation on Infusions of Medicinal Plants. <i>ECS Transactions</i> , 2014, 64, 49-57.	0.5	0
70	Ion-Selective Electrode Solid Contact Base on Neutral-Carrier Ditiophosphate for Mercury Determination at Nanomolar Levels. <i>ECS Transactions</i> , 2014, 64, 69-76.	0.5	1
71	Determination of the Antioxidant Capacity in Medicinal Plants, Using a Laccase Screen Printed-Type Biosensor. <i>ECS Transactions</i> , 2014, 64, 59-67.	0.5	1
72	Mild steel corrosion inhibition in HCl by di-alkyl and di-1,2,3-triazole derivatives of uracil and thymine. <i>Materials Chemistry and Physics</i> , 2014, 145, 407-417.	4.0	57

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73	Supramolecular interaction of dopamine with $\beta$ -cyclodextrin: An experimental and theoretical electrochemical study. <i>Journal of Electroanalytical Chemistry</i> , 2014, 717-718, 103-109.	3.8	28
74	Electrochemical Evaluation of Corrosion on Borided and Non-borided Steels Immersed in 1M HCl Solution. <i>Journal of Materials Engineering and Performance</i> , 2014, 23, 2809-2818.	2.5	14
75	Electrochemical quantification of the thermodynamic equilibrium constant of the tenoxicam- $\beta$ -cyclodextrin inclusion complex formed on the surface of a poly- $\beta$ -cyclodextrin-modified carbon paste electrode. <i>Electrochimica Acta</i> , 2014, 140, 535-540.	5.2	5
76	Guest-Host Complex Formed between Ascorbic Acid and $\beta$ -Cyclodextrin Immobilized on the Surface of an Electrode. <i>Molecules</i> , 2014, 19, 5952-5964.	3.8	12
77	Effects of turbulent flow on the corrosion inhibition properties of 2-mercaptobenzimidazole. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2013, 64, 522-529.	1.5	13
78	Gold nanoparticles modified-ITO electrode for the selective electrochemical quantification of dopamine in the presence of uric and ascorbic acids. <i>Journal of Electroanalytical Chemistry</i> , 2013, 706, 69-75.	3.8	29
79	DFT study of the adsorption of the corrosion inhibitor 2-mercaptoimidazole onto Fe(100) surface. <i>Electrochimica Acta</i> , 2013, 112, 577-586.	5.2	78
80	Multicomponent Click Synthesis of New 1,2,3-Triazole Derivatives of Pyrimidine Nucleobases: Promising Acidic Corrosion Inhibitors for Steel. <i>Molecules</i> , 2013, 18, 15064-15079.	3.8	45
81	Synthesis of New 1,2,3-Triazole Derivatives of Uracil and Thymine with Potential Inhibitory Activity against Acidic Corrosion of Steels. <i>Molecules</i> , 2013, 18, 4613-4627.	3.8	35
82	Quantumchemical Calculations of the Structural Stability of $\alpha$ -Cyclodextrin/Dopamine and $\alpha$ -Cyclodextrin/Ascorbic Acid Systems. <i>ECS Transactions</i> , 2013, 47, 53-67.	0.5	1
83	Electrocrystallization mechanism of iron phosphate coatings onto mild steel electrode surfaces. <i>Journal of Solid State Electrochemistry</i> , 2013, 17, 459-466.	2.5	5
84	Spectro-electrochemical and DFT study of tenoxicam metabolites formed by electrochemical oxidation. <i>Electrochimica Acta</i> , 2013, 111, 314-323.	5.2	6
85	Influence of the HClO <sub>4</sub> concentration on the $\beta$ -CD electropolymerization over a carbon paste electrode and on dopamine's electrochemical response. <i>Electrochimica Acta</i> , 2013, 89, 854-860.	5.2	18
86	Influence of the alkyl chain length of 2 amino 5 alkyl 1,3,4 thiadiazole compounds on the corrosion inhibition of steel immersed in sulfuric acid solutions. <i>Corrosion Science</i> , 2012, 54, 231-243.	6.6	142
87	Electrochemical quantification of dopamine in the presence of ascorbic acid and uric acid using a simple carbon paste electrode modified with SDS micelles at pH 7. <i>Electrochimica Acta</i> , 2012, 85, 307-313.	5.2	55
88	A cellular automata model for simulating grain structures with straight and hyperbolic interfaces. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2012, 19, 699-710.	4.9	5
89	Electrochemical characterization of tenoxicam using a bare carbon paste electrode under stagnant and forced convection conditions. <i>Electrochimica Acta</i> , 2012, 59, 150-155.	5.2	10
90	Kinetics and Mechanism of the Electrochemical Formation of Iron Oxidation Products on Steel Immersed in Sour Acid Media. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1833-1841.	2.6	20

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91	Taking Advantage of a Corrosion Problem To Solve a Pollution Problem. Journal of Chemical Education, 2011, 88, 1109-1111.	2.3	0
92	Adenine and Guanine Derivative Bases of Purines and Their Corresponding Nucleosides as Corrosion Inhibitors in 1M Hydrochloric Acid. ECS Transactions, 2011, 36, 179-185.	0.5	5
93	Influence of the substrate's surface structure on the mechanism and kinetics of the electrochemical UPD formation of a copper monolayer on gold. Electrochimica Acta, 2011, 56, 10083-10092.	5.2	22
94	Electrochemical and spectrophotometric determination of the formation constants of the ascorbic acid- $\beta$ -cyclodextrin and dopamine- $\beta$ -cyclodextrin inclusion complexes. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 2011, 69, 91-99.	1.6	41
95	Imidazolium, Pyridinium and Dimethyl- $\epsilon$ -Ethylbenzyl Ammonium Derived Compounds as Mixed Corrosion Inhibitors in Acidic Medium. Journal of Surfactants and Detergents, 2011, 14, 211-220.	2.1	29
96	Dopamine Electrochemical Determination with Uric and Ascorbic Acids Present in Solution Using a Sodium Dodecyl Sulphate-Modified Carbon Paste Electrode (SDS-CPE) at Physiologic pH. ECS Transactions, 2011, 36, 373-384.	0.5	2
97	Electrochemical Impedance Evaluation of Uracil and Thymine Pyrimidine Derivatives and its Nucleosides Compounds as a Non-Toxic Corrosion Inhibitors of Steels in 1M HCl. ECS Transactions, 2011, 36, 217-228.	0.5	9
98	Hydrotalcites-Catalyzed and Microwave-Assisted Synthesis of 2-(Benzylthio)1H-Benzy[d]Imidazole (2-BZMBI) Kinetic Study by Means of Polarization Plots. ECS Transactions, 2011, 36, 197-205.	0.5	0
99	Study and Electrochemical Impedance Characterization of The $\beta$ -Cyclodextrin, $\beta$ -CD, Polymer on a Carbon Paste Electrode. ECS Transactions, 2011, 36, 439-446.	0.5	5
100	Study on the Supramolecular Interaction of Dopamine with Carbon Nanotubes and $\beta$ -Cyclodextrin Immobilized over a Carbon Paste Electrode. ECS Transactions, 2011, 36, 471-481.	0.5	3
101	Supramolecular Systems Construction for the Selective Quantitative Determination of Dopamine in the Presence of Ascorbic Acid. ECS Transactions, 2011, 36, 385-392.	0.5	1
102	Electrochemical Study of the Formation of Surface Inclusion Complex of Ascorbic Acid with Immobilized $\beta$ -Cyclodextrin and Carbon Nanotubes over a Carbon Paste Electrode. ECS Transactions, 2011, 36, 431-438.	0.5	1
103	Electrochemical Behavior of Dopamine with 2-Hydroxypropyl- $\beta$ -Cyclodextrin for the Determination of the Complexation Constant. ECS Transactions, 2011, 36, 455-461.	0.5	0
104	Pantoprazol as Inhibitor of API 5L X52 Steel Corrosion in HCl 1M. ECS Transactions, 2011, 36, 207-216.	0.5	2
105	Simulation factors of steel continuous casting. International Journal of Minerals, Metallurgy and Materials, 2010, 17, 267-275.	4.9	12
106	Simulation of heat transfer in steel billets during continuous casting. International Journal of Minerals, Metallurgy and Materials, 2010, 17, 403-416.	4.9	21
107	Computational algorithms to simulate the steel continuous casting. International Journal of Minerals, Metallurgy and Materials, 2010, 17, 596-607.	4.9	8
108	Influence of CTAB on the electrochemical behavior of dopamine and on its analytic determination in the presence of ascorbic acid. Journal of Applied Electrochemistry, 2010, 40, 463-474.	2.9	33



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109	Electrochemical nucleation and growth of black and white chromium deposits onto stainless steel surfaces. <i>Journal of Electroanalytical Chemistry</i> , 2010, 647, 128-132.	3.8	16
110	Enzyme entrapment by $\beta$ -cyclodextrin electropolymerization onto a carbon nanotubes-modified screen-printed electrode. <i>Biosensors and Bioelectronics</i> , 2010, 26, 1768-1773.	10.1	52
111	Stable and sensitive flow-through monitoring of phenol using a carbon nanotube based screen printed biosensor. <i>Nanotechnology</i> , 2010, 21, 245502.	2.6	15
112	Quantum Chemical Calculations in Stepwise Adrenaline Deprotonation. <i>ECS Transactions</i> , 2010, 29, 421-431.	0.5	0
113	Electrochemical and Microscopy Study of Localized Corrosion on a Sensitized Stainless Steel AISI 304. <i>ECS Transactions</i> , 2010, 29, 93-102.	0.5	13
114	Nucleation and Growth Kinetics of Electrodeposited Sulfate-Doped Polypyrrole: Determination of the Diffusion Coefficient of $\text{SO}_4^{2-}$ in the Polymeric Membrane. <i>Journal of Physical Chemistry B</i> , 2010, 114, 9737-9743.	2.6	47
115	Quantum Chemical Calculations on the Interaction between Flavonol and Functional Monomers (Methacrylic Acid and 4-Vinylpyridine) in Molecularly Imprinted Polymers. <i>Molecules</i> , 2010, 15, 4017-4032.	3.8	15
116	Analysis of the Copper Electrodeposition Current Transients in Nitrates Media. <i>ECS Transactions</i> , 2009, 20, 357-364.	0.5	3
117	A Semiempirical PM6 Study of Some Aminopyrimidine Derivatives and their Interaction with an Iron Surface. <i>ECS Transactions</i> , 2009, 20, 507-517.	0.5	1
118	Dopamine Electrochemical Behavior onto an Electrode Modified with a $\beta$ -cyclodextrin Polymer. <i>ECS Transactions</i> , 2009, 20, 151-157.	0.5	6
119	Microwave-Assisted Preparation of 2-(Benzylthio)imidazole and 2-(Benzylthio)benzimidazole and its Comparative Corrosion Inhibiting Performance with 2-Mercaptoimidazole and 2-Mercaptobenzimidazole. <i>ECS Transactions</i> , 2009, 20, 519-527.	0.5	4
120	Potentiometric Behavior of Diverse Polypyrrole-sulphate Films Electro Synthesized on Graphite - Epoxy Resin Composite. <i>ECS Transactions</i> , 2009, 20, 31-40.	0.5	2
121	Kinetics of Polypyrrole Films Doped with Sulphate Ions Electrodeposited Over Graphite - Epoxy Resin Electrode. <i>ECS Transactions</i> , 2009, 20, 385-392.	0.5	0
122	Development a Boron Potentiometric Determination Methodology Using a Carbon Paste Electrode Modified with a $\beta$ -Cyclodextrine- Azomethine-H Inclusion Complex. <i>ECS Transactions</i> , 2009, 20, 13-19.	0.5	5
123	Electrochemical Characterization of Quercetin in Aqueous Solution. <i>ECS Transactions</i> , 2009, 20, 115-122.	0.5	4
124	Electrochemical Impedance Spectroscopy Analysis of 2-Mercaptobenzimidazole (2MBI) as Corrosion Inhibitor in HCl 1M. <i>ECS Transactions</i> , 2009, 20, 543-553.	0.5	8
125	Biphasic Numerical Simulation of a Rotating Disc Electrochemical Cell. <i>ECS Transactions</i> , 2009, 20, 51-61.	0.5	1
126	The Effect of the SDS Concentration on the Electrochemical Response of Adrenaline at Acid pH. <i>ECS Transactions</i> , 2009, 20, 167-173.	0.5	1



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127	Theoretical Study of pH Stability of Azomethine Based on Hardness Calculations. ECS Transactions, 2009, 20, 131-139.	0.5	0
128	Electrochemical study of 2-mercaptoimidazole as a novel corrosion inhibitor for steels. Electrochimica Acta, 2009, 54, 5393-5399.	5.2	83
129	Simultaneous Electrochemical Determination of Adrenaline and Ascorbic Acid: Influence of [CTAB]. Journal of the Electrochemical Society, 2009, 156, J375.	2.9	17
130	Experimental correlation between the pKa value of sulfonphthaleins with the nature of the substituents groups. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2008, 69, 1235-1245.	3.9	22
131	Mechanism and kinetics of the electrochemical formation of polypyrrole under forced convection conditions. Journal of Electroanalytical Chemistry, 2008, 613, 67-79.	3.8	46
132	Selective electrochemical determination of dopamine in the presence of ascorbic acid using sodium dodecyl sulfate micelles as masking agent. Electrochimica Acta, 2008, 53, 3013-3020.	5.2	78
133	Enhanced host-guest electrochemical recognition of dopamine using cyclodextrin in the presence of carbon nanotubes. Carbon, 2008, 46, 898-906.	10.3	146
134	Overpotential deposition of copper on an iodine-modified Au(111) electrode. Electrochimica Acta, 2008, 53, 2115-2120.	5.2	18
135	Quantum-Chemical Calculations of the Electronic Properties of Pyrrole Oligomers. ECS Transactions, 2008, 15, 153-159.	0.5	0
136	Application of MWCNT to Study Azometine-H by Cyclic Voltammetry. ECS Transactions, 2008, 15, 345-351.	0.5	0
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