

MarÃ-a Teresa RamÃ-rez Silva

List of Publications by Year in descending order

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170
papers

3,314
citations

126907

33
h-index

175258

52
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170
all docs

170
docs citations

170
times ranked

3838
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of acidity constants of curcumin in aqueous solution and apparent rate constant of its decomposition. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 1091-1097.	3.9	176
2	Enhanced host-guest electrochemical recognition of dopamine using cyclodextrin in the presence of carbon nanotubes. <i>Carbon</i> , 2008, 46, 898-906.	10.3	146
3	On the electrochemistry of dopamine in aqueous solution. Part I: The role of [SDS] on the voltammetric behavior of dopamine on a carbon paste electrode. <i>Journal of Electroanalytical Chemistry</i> , 2007, 609, 17-26.	3.8	126
4	Role of the reacting free radicals on the antioxidant mechanism of curcumin. <i>Chemical Physics</i> , 2009, 363, 13-23.	1.9	104
5	Silver Electrocrystallization on Vitreous Carbon from Ammonium Hydroxide Solutions. <i>Journal of the Electrochemical Society</i> , 1996, 143, 1551-1558.	2.9	102
6	Deprotonation Mechanism and Acidity Constants in Aqueous Solution of Flavonols: a Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2013, 117, 12347-12359.	2.6	99
7	Amperometric biosensor based on a high resolution photopolymer deposited onto a screen-printed electrode for phenolic compounds monitoring in tea infusions. <i>Talanta</i> , 2010, 81, 1636-1642.	5.5	89
8	Spectrophotometric study on the stability of dopamine and the determination of its acidity constants. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 3193-3203.	3.9	87
9	Spectrophotometric and electrochemical determination of the formation constants of the complexes Curcumin-Fe(III)-water and Curcumin-Fe(II)-water. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 1105-1113.	3.9	86
10	Selective electrochemical determination of dopamine in the presence of ascorbic acid using sodium dodecyl sulfate micelles as masking agent. <i>Electrochimica Acta</i> , 2008, 53, 3013-3020.	5.2	78
11	Sensitive amperometric biosensor for dichlorvos quantification: Application to detection of residues on apple skin. <i>Talanta</i> , 2008, 74, 741-746.	5.5	73
12	Automated resolution of dichlorvos and methylparaoxon pesticide mixtures employing a Flow Injection system with an inhibition electronic tongue. <i>Biosensors and Bioelectronics</i> , 2009, 24, 1103-1108.	10.1	66
13	Searching for Computational Strategies to Accurately Predict pK_a s of Large Phenolic Derivatives. <i>Journal of Chemical Theory and Computation</i> , 2011, 7, 2528-2538.	5.3	62
14	Acetylcholinesterase-based biosensors for quantification of carbofuran, carbaryl, methylparaoxon, and dichlorvos in 5% acetonitrile. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 699-707.	3.7	60
15	New Insights on the Nature of the Chemical Species Involved during the Process of Dopamine Deprotonation in Aqueous Solution: Theoretical and Experimental Study. <i>Journal of Physical Chemistry B</i> , 2007, 111, 1640-1647.	2.6	56
16	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
17	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
18	Enzyme entrapment by β -cyclodextrin electropolymerization onto a carbon nanotubes-modified screen-printed electrode. <i>Biosensors and Bioelectronics</i> , 2010, 26, 1768-1773.	10.1	52

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19	Carbon paste electrodes electrochemically modified with cyclodextrins. <i>Journal of Solid State Electrochemistry</i> , 2003, 7, 355-360.	2.5	49
20	UV/vis, ¹ H, and ¹³ C NMR spectroscopic studies to determine mangiferin pKa values. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2006, 64, 1002-1009.	3.9	48
21	Construction of Multicomponent Pourbaix Diagrams Using Generalized Species. <i>Journal of the Electrochemical Society</i> , 1991, 138, 365-371.	2.9	46
22	Mercury Ions Removal from Aqueous Solution Using an Activated Composite Membrane. <i>Environmental Science & Technology</i> , 2005, 39, 7667-7670.	10.0	46
23	Mechanism and kinetics of the electrochemical formation of polypyrrole under forced convection conditions. <i>Journal of Electroanalytical Chemistry</i> , 2008, 613, 67-79.	3.8	46
24	On the electrochemical formation of nickel nanoparticles onto glassy carbon from a deep eutectic solvent. <i>Electrochimica Acta</i> , 2018, 276, 417-423.	5.2	46
25	Determination of oxytetracycline in milk samples by polymer inclusion membrane separation coupled to high performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2012, 718, 42-46.	5.4	44
26	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
27	Electrochemical polymerisation of 5-amino-1,10-phenanthroline onto different substrates. Experimental and theoretical study. <i>Polymer</i> , 2005, 46, 9053-9063.	3.8	41
28	Electrochemical and spectrophotometric determination of the formation constants of the ascorbic acid- β -cyclodextrin and dopamine- β -cyclodextrin inclusion complexes. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2011, 69, 91-99.	1.6	41
29	Determination of lead and cadmium using a polycyclodextrin-modified carbon paste electrode with anodic stripping voltammetry. <i>Analytical and Bioanalytical Chemistry</i> , 2003, 377, 763-769.	3.7	39
30	Electrochemical and AFM characterization of the electropolymerization of pyrrole over a graphite-epoxy resin solid composite electrode, in the presence of different anions. <i>Applied Surface Science</i> , 2006, 252, 5783-5792.	6.1	36
31	Palladium Nanoparticles Electrodeposition onto Glassy Carbon from a Deep Eutectic Solvent at 298 K and Their Catalytic Performance toward Formic Acid Oxidation. <i>Journal of the Electrochemical Society</i> , 2019, 166, D3205-D3211.	2.9	36
32	Predominance-Zone Diagrams in Solution Chemistry: Dismutation Processes in Two-Component Systems (M-L). <i>Journal of Chemical Education</i> , 1995, 72, 1099.	2.3	35
33	Development of a novel nitrate-selective composite sensor based on doped polypyrrole. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1533-1541.	3.7	35
34	Determination of pKa values of tenoxicam from ¹ H NMR chemical shifts and of oxicams from electrophoretic mobilities (CZE) with the aid of programs SQUAD and HYPNMR. <i>Talanta</i> , 2009, 80, 754-762.	5.5	35
35	Influence of CTAB on the electrochemical behavior of dopamine and on its analytic determination in the presence of ascorbic acid. <i>Journal of Applied Electrochemistry</i> , 2010, 40, 463-474.	2.9	33
36	Equilibria among condensed phases and a multi-component solution using the concept of generalized species. <i>Analytica Chimica Acta</i> , 1993, 278, 321-333.	5.4	32

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37	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
38	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
39	Determination of pK _a 's for thymol blue in aqueous medium: evidence of dimer formation.. <i>Talanta</i> , 1998, 46, 1439-1452.	5.5	28
40	Supramolecular interaction of dopamine with β -cyclodextrin: An experimental and theoretical electrochemical study. <i>Journal of Electroanalytical Chemistry</i> , 2014, 717-718, 103-109.	3.8	28
41	Study of pillar precursors [Ga(III) \leftrightarrow Al(III), Ln(III) \leftrightarrow Al(III), Zr(IV)] for hydrothermally stable pillared clays. <i>Catalysis Today</i> , 1998, 43, 69-77.	4.4	24
42	Electrochemical Deposition of Cetyltrimethylammonium Surface Hemimicelles at the Hg/0.1 M NaCl[_{sub (aq)}] Interface. <i>Journal of the Electrochemical Society</i> , 2004, 151, C666.	2.9	23
43	Aluminum Electrochemical Nucleation and Growth onto a Glassy Carbon Electrode from a Deep Eutectic Solvent. <i>Journal of the Electrochemical Society</i> , 2019, 166, D3035-D3041.	2.9	23
44	Relationship of multidimensional predominance-zone diagrams with multiconditional constants for complexation equilibria. <i>Analytica Chimica Acta</i> , 1991, 246, 435-442.	5.4	22
45	Multi-dimensional predominance-zone diagrams for polynuclear chemical species. <i>Analytica Chimica Acta</i> , 1992, 259, 95-104.	5.4	22
46	Experimental correlation between the pK _a value of sulfonphthaleins with the nature of the substituents groups. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 1235-1245.	3.9	22
47	Influence of the substrate's surface structure on the mechanism and kinetics of the electrochemical UPD formation of a copper monolayer on gold. <i>Electrochimica Acta</i> , 2011, 56, 10083-10092.	5.2	22
48	Composites: A novel alternative to construct solid state Ag/AgCl reference electrodes. <i>Sensors and Actuators B: Chemical</i> , 2005, 110, 264-270.	7.8	21
49	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
50	Quercetin spectrofluorometric quantification in aqueous media using different surfactants as fluorescence promoters. <i>RSC Advances</i> , 2018, 8, 10980-10986.	3.6	20
51	Electrochemical study and physicochemical characterization of iron nanoparticles electrodeposited onto HOPG from Fe(III) ions dissolved in the choline chloride-urea deep eutectic solvent. <i>Journal of Electroanalytical Chemistry</i> , 2019, 851, 113453.	3.8	20
52	Statistical Study of Distribution Diagrams for Two-Component Systems: Relationships of Means and Variances of the Discrete Variable Distributions with Average Ligand Number and Intrinsic Buffer Capacity. <i>Journal of Chemical Education</i> , 2002, 79, 389.	2.3	18
53	Facilitated transport of Hg(II) through novel activated composite membranes. <i>Analytical and Bioanalytical Chemistry</i> , 2004, 380, 690-697.	3.7	18
54	Spectroscopy study of 5-amino-1,10-phenanthroline. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2004, 60, 781-789.	3.9	18

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55	Study on the stability of adrenaline and on the determination of its acidity constants. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 305-311.	3.9	18
56	Influence of the HClO ₄ concentration on the β -CD electropolymerization over a carbon paste electrode and on dopamine's electrochemical response. <i>Electrochimica Acta</i> , 2013, 89, 854-860.	5.2	18
57	Phenol Removal Process Development from Synthetic Wastewater Solutions Using a Polymer Inclusion Membrane. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 4919-4923.	3.7	18
58	New insights on the spectrophotometric determination of melatonin pKa values and melatonin- β CD inclusion complex formation constant. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 190, 442-449.	3.9	18
59	Simultaneous Electrochemical Determination of Adrenaline and Ascorbic Acid: Influence of [CTAB]. <i>Journal of the Electrochemical Society</i> , 2009, 156, J375.	2.9	17
60	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
61	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
62	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
63	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
64	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
65	Development of a Tubular Sensor Based on a Polypyrrole-Doped Membrane for the Potentiometric Determination of the Dodecylsulfate Anion in a FIA System. <i>Electroanalysis</i> , 2004, 16, 1236-1243.	2.9	14
66	Electrochemical Nucleation and Growth of Mn and Mn-Zn Alloy from Leached Liquors of Spent Alkaline Batteries Using a Deep Eutectic Solvent. <i>Journal of the Electrochemical Society</i> , 2019, 166, D199-D204.	2.9	14
67	Application of SQUAD to the refinement of formal potentials from coulometric steady-state and spectrophotometric measurements. <i>Talanta</i> , 1997, 44, 31-37.	5.5	13
68	Effective mercury(II) bioremoval from aqueous solution, and its electrochemical determination. <i>Chemosphere</i> , 2017, 167, 314-321.	8.2	13
69	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
70	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
71	UV-visible spectroscopic and electrochemical study of the complex formation between Fe(II) and 5-amino-1,10-phenanthroline (5-Aphen) in aqueous solution. <i>Talanta</i> , 2007, 72, 1458-1468.	5.5	12
72	Guest-Host Complex Formed between Ascorbic Acid and β -Cyclodextrin Immobilized on the Surface of an Electrode. <i>Molecules</i> , 2014, 19, 5952-5964.	3.8	12

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73	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
74	Determination of pKa Values of Diclofenac and Ibuprofen in Aqueous Solutions by Capillary Zone Electrophoresis. <i>ECS Transactions</i> , 2010, 29, 443-448.	0.5	11
75	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
76	Electrochemical study on the selective formation of [Pb(cyclodextrin) ₂] ⁺ surface inclusion complexes at the carbon paste electrode/CIO ₄ ⁻ 1M interphase. <i>Electrochimica Acta</i> , 2005, 50, 1925-1930.	5.2	10
77	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
78	Solid-contact Hg(II)-selective electrode based on a carbon-epoxy composite containing a new dithiophosphate-based ionophore. <i>Talanta</i> , 2013, 114, 235-242.	5.5	10
79	Title is missing!. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2003, 46, 139-145.	1.6	9
80	Determination of the complexation constants of Pb(II) and Cd(II) with thymol blue using spectrophotometry, SQUAD and the HSAB principle. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 68-73.	3.9	9
81	Complex formation of the anti-inflammatory drugs tenoxicam and piroxicam with Fe(III) in methanol and acetone. <i>Journal of Coordination Chemistry</i> , 2009, 62, 40-51.	2.2	9
82	Study on the stability of noradrenaline and on the determination of its acidity constants. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 3139-3144.	3.9	8
83	Spectrophotometric determination of acidity constants of salicylaldehyde in aqueous solution at 25°C and ionic strength of 0.5M controlled with NaCl. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2007, 66, 879-883.	3.9	8
84	Laccase Inhibition by Mercury: Kinetics, Inhibition Mechanism, and Preliminary Application in the Spectrophotometric Quantification of Mercury Ions. <i>Journal of Chemistry</i> , 2018, 2018, 1-7.	1.9	8
85	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
86	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
87	Kinetic and thermodynamic study of the behaviour of diphenylcarbazide in aqueous solution with pH. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2003, 59, 2667-2675.	3.9	7
88	Deprotonation Mechanism of New Antihypertensive Piperidinylmethylphenols: A Combined Experimental and Theoretical Study. <i>Journal of Physical Chemistry B</i> , 2009, 113, 11765-11774.	2.6	7
89	Development of a Chloride Ion-Selective Solid State Sensor Based on Doped Polypyrrole-Graphite-Epoxy Composite. <i>Electroanalysis</i> , 2010, 22, 1650-1654.	2.9	7
90	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

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91	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
92	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
93	Determination of β -D-glucose using flow injection analysis and composite-type amperometric tubular biosensors. <i>Biosensors and Bioelectronics</i> , 2004, 19, 1057-1065.	10.1	6
94	Study on the stability of the serotonin and on the determination of its acidity constants. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2005, 61, 621-627.	3.9	6
95	Development of a capillary electrophoresis method for the characterization of <i>Eysenhardtia polystachya</i> . <i>Journal of Separation Science</i> , 2008, 31, 741-745.	2.5	6
96	Dopamine Electrochemical Behavior onto an Electrode Modified with a β -cyclodextrin Polymer. <i>ECS Transactions</i> , 2009, 20, 151-157.	0.5	6
97	Spectro-electrochemical and DFT study of tenoxicam metabolites formed by electrochemical oxidation. <i>Electrochimica Acta</i> , 2013, 111, 314-323.	5.2	6
98	Electrochemical Deposition of Pd@Pd(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
99	Development a Boron Potentiometric Determination Methodology Using a Carbon Paste Electrode Modified with a β -Cyclodextrine- Azomethine-H Inclusion Complex. <i>ECS Transactions</i> , 2009, 20, 13-19.	0.5	5
100	Study and Electrochemical Impedance Characterization of The β -Cyclodextrin, β -CD, Polymer on a Carbon Paste Electrode. <i>ECS Transactions</i> , 2011, 36, 439-446.	0.5	5
101	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
102	Electrochemical quantification of the thermodynamic equilibrium constant of the tenoxicam- β -cyclodextrin inclusion complex formed on the surface of a poly- β cyclodextrin-modified carbon paste electrode. <i>Electrochimica Acta</i> , 2014, 140, 535-540.	5.2	5
103	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
104	Spectrophotometric and electrochemical quantification of the host-guest interaction of tenoxicam and β -CD in aqueous solution at different pH values. <i>Journal of Electroanalytical Chemistry</i> , 2015, 738, 20-26.	3.8	5
105	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
106	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
107	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
108	Kinetics Mechanism of Copper UPD Nucleation and Growth on Mono and Polycrystalline Gold. <i>ECS Transactions</i> , 2007, 3, 35-43.	0.5	4

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109	Study on the Influence of Chloride Concentration on Copper Electrodeposition. ECS Transactions, 2006, 3, 25-34.	0.5	4
110	Electrochemical Characterization of Quercetin in Aqueous Solution. ECS Transactions, 2009, 20, 115-122.	0.5	4
111	Selective Liquid-Liquid Extraction of Mercury(II) from Aqueous Solution by N-Alkyldithiophosphate Compounds $CH_3(CH_2)_nS_2P(OCH_3)_4H_4$ ($n=1, 2, 3, 4$) Tj ETQ	2.5	4
112	Optimization of a Differential Pulse Voltammetric Methodology for the Quantification of Diclofenac Using Paste Electrodes and Carbon Nanotubes. ECS Transactions, 2017, 76, 9-18.	0.5	4
113	Electrochemical Study of Lead Species in Acetate Media: In Situ Formation of Alkyl and Lead Species on Carbon Paste Electrode. Electroanalysis, 2001, 13, 541-548.	2.9	3
114	A new nuclear magnetic resonance algorithm to determine equilibrium constants of the species in the B(III)-H ₂ O system. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2003, 59, 1477-1486.	3.9	3
115	Electrochemical Study of Dopamine and Ascorbic Acid by Means of Supramolecular Systems. ECS Transactions, 2008, 15, 325-334.	0.5	3
116	Study on the Supramolecular Interaction of Dopamine with Carbon Nanotubes and β -Cyclodextrin Immobilized over a Carbon Paste Electrode. ECS Transactions, 2011, 36, 471-481.	0.5	3
117	Construction of Supramolecular Systems for the Selective and Quantitative Determination of Dopamine in the Presence of Ascorbic Acid. Procedia Chemistry, 2014, 12, 55-61.	0.7	3
118	An Exact Method to Determine the Conductivity of Aqueous Solutions in Acid-Base Titrations. Journal of Chemistry, 2015, 2015, 1-13.	1.9	3
119	Behavior of Two and Three Electrode Configuration and Different Mediators in Working Electrode on Development of Disposable Screen-Printing Biosensors for Determination of Free Cholesterol. Journal of the Mexican Chemical Society, 2017, 57, .	0.6	3
120	On the Curcumin and β -Cyclodextrin Interaction in Aqueous Media. Spectrophotometric and Electrochemical Study. ChemElectroChem, 2022, 9, .	3.4	3
121	Spectrophotometric study of the system Hg(II)-thymol blue-H ₂ O and its evidence through electrochemical means. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2004, 60, 569-577.	3.9	2
122	Evaluation of the acidity constants of the 4-hydroxy-5-[salicylideneamino]-2-7-naphthalenedisulfonic acid (Azomethine-H) using UV-Vis spectrophotometry. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2005, 61, 313-319.	3.9	2
123	Dimerization of thymol blue in solution: Theoretical evidence. Talanta, 2007, 71, 1061-1067.	5.5	2
124	Electrochemical and Spectrophotometric Evaluation of the Formation Constants of the AA- β CD and DA- β CD Inclusion Complexes. ECS Transactions, 2008, 15, 507-516.	0.5	2
125	Electrochemical Determination of the Antioxidant Capacity of Organic Compounds. ECS Transactions, 2008, 15, 471-478.	0.5	2
126	Evaluation of a Blue Indigo Dye Degradation with Electrochemical Peroxidation by UV-Vis Spectrophotometry. ECS Transactions, 2010, 29, 251-257.	0.5	2

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127	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
128	Simultaneous Electrochemical Quantification of Foodstuff Dyes Allura Red and Tartrazine Using a Bare Carbon Paste Electrode. Journal of the Electrochemical Society, 2021, 168, 057514.	2.9	2
129	Characterization of the Analytical Response of ISFET Sensors for Quantitative and Thermodynamic Assessment in Glacial Acetic Acid. Electroanalysis, 2003, 15, 1699-1706.	2.9	1
130	Speciation of the new ligand di-isopropyliminodiacetamide with Cu(II) using computational processing and graphical methods. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2004, 60, 1071-1076.	3.9	1
131	Effect Of Sodium Dodecyl Sulphate On The Analytical Determination Of Dopamine In Presence Of Ascorbic Acid. ECS Transactions, 2006, 3, 23-29.	0.5	1
132	Dopamine Detection using an Electrode Modified with Carbon Nanotubes. ECS Transactions, 2007, 3, 77-80.	0.5	1
133	Effect of CTAB Interfacial Supramolecular Systems on the Voltammetry Signals of Adrenalin and Ascorbic Acid. ECS Transactions, 2008, 15, 489-498.	0.5	1
134	Effect of β -CD on the Electrochemical Behavior of Tenoxicam. ECS Transactions, 2008, 15, 365-370.	0.5	1
135	The Effect of the SDS Concentration on the Electrochemical Response of Adrenaline at Acid pH. ECS Transactions, 2009, 20, 167-173.	0.5	1
136	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
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