

# Pedro de Lima-Neto

## List of Publications by Year in descending order

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156  
papers

3,688  
citations

147566

31  
h-index

182168

51  
g-index

156  
all docs

156  
docs citations

156  
times ranked

4274  
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of a new quinine dimer biocatalysed by the coconut water. <i>Biocatalysis and Biotransformation</i> , 2022, 40, 209-218.	1.1	3
2	Antiproliferative activity on <i>Trypanosoma cruzi</i> (Y strain) of the triterpene 3 $\beta$ ,6 $\beta$ ,16 $\beta$ -trihydroxylup-20 (29)-ene isolated from <i>Combretum leprosum</i> . <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 12302-12315.	2.0	3
3	Removal and sensing of emerging pollutants released from (micro)plastic degradation: Strategies based on boron-doped diamond electrodes. <i>Current Opinion in Electrochemistry</i> , 2022, 31, 100866.	2.5	6
4	Computational approach in lignin structural models: Influence of non-covalent intramolecular interactions on $\text{C}=\text{O}$ bond properties. <i>Journal of Molecular Structure</i> , 2022, 1251, 131938.	1.8	5
5	Structural and spectroscopic analysis, ADMET study, and anxiolytic-like effect in adult zebrafish ( <i>Danio rerio</i> ) of 4-[(1E,2E)-1-(2-(2,4-dinitrophenyl)hydrazono-3-(4-methoxyphenyl)allyl)aniline. <i>Journal of Molecular Structure</i> , 2022, 1251, 132064.	1.8	3
6	Synthesis, structural and spectroscopic analysis, and antiproliferative activity of chalcone derivate (E)-1-(4-aminophenyl)-3-(benzo[b]thiophen-2-yl)prop-2-en-1-one in <i>Trypanosoma cruzi</i> . <i>Journal of Molecular Structure</i> , 2022, 1253, 132197.	1.8	6
7	Quantum mechanical, molecular docking, molecular dynamics, ADMET and antiproliferative activity on <i>Trypanosoma cruzi</i> (Y strain) of chalcone (E)-1-(2-hydroxy-3,4,6-trimethoxyphenyl)-3-(3-nitrophenyl)prop-2-en-1-one derived from a natural product. <i>Physical Chemistry Chemical Physics</i> , 2022, 24, 5052-5069.	1.3	6
8	Advantages and limitations of functionalized graphene-based electrochemical sensors for environmental monitoring. , 2022, , 487-520.		3
9	FexNi(1-x) coatings electrodeposited from choline chloride-urea mixture: Magnetic and electrocatalytic properties for water electrolysis. <i>Materials Chemistry and Physics</i> , 2022, 279, 125738.	2.0	7
10	Electrochemical and theoretical investigation on the behavior of the $\text{Co}^{2+}$ ion in three eutectic solvents. <i>Journal of Molecular Graphics and Modelling</i> , 2022, 112, 108137.	1.3	4
11	Green lubricants production from Nile tilapia waste and prediction of physical properties through molecular dynamics simulations. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2022, 99, 341-352.	0.8	1
12	Analysis of the behavior of $\text{Sn}^{2+}$ and $\text{In}^{3+}$ ions in DES and in water: A theoretical approach. <i>Journal of Molecular Liquids</i> , 2022, 353, 118774.	2.3	2
13	Chloride substitution on 2-hydroxy-3,4,6-trimethoxyphenylchalcones improves in vitro selectivity on <i>Trypanosoma cruzi</i> strain Y. <i>Chemico-Biological Interactions</i> , 2022, 361, 109920.	1.7	7
14	Antioxidant activity of eugenol and its acetyl and nitroderivatives: the role of quinone intermediates—a DFT approach of DPPH test. <i>Journal of Molecular Modeling</i> , 2022, 28, 133.	0.8	3
15	(Bio)Sensing Strategies Based on Ionic Liquid-Functionalized Carbon Nanocomposites for Pharmaceuticals: Towards Greener Electrochemical Tools. <i>Nanomaterials</i> , 2022, 12, 2368.	1.9	3
16	Fe-Co coatings electrodeposited from eutectic mixture of choline chloride-urea: Physical characterizations and evaluation as electrocatalysts for the hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2021, 851, 156330.	2.8	10
17	Full Spectroscopic Characterization and Cytotoxicity Activity of Synthetic Dibenzalacetone Derivatives.. <i>Journal of Molecular Structure</i> , 2021, 1231, 129670.	1.8	2
18	Structural characterization, DFT calculations, ADMET studies, antibiotic potentiating activity, evaluation of efflux pump inhibition and molecular docking of chalcone (E)-1-(2-hydroxy-3,4,6-trimethoxyphenyl)-3-(4-methoxyphenyl)prop-2-en-1-one. <i>Journal of Molecular Structure</i> , 2021, 1227, 129692.	1.8	12

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19	Effect of additives on the oxidative stability and corrosivity of biodiesel samples derived from babassu oil and residual frying oil: An experimental and theoretical assessment. <i>Fuel</i> , 2021, 289, 119939.	3.4	11
20	Quantum computational investigations and molecular docking studies on amentoflavone. <i>Heliyon</i> , 2021, 7, e06079.	1.4	22
21	In silico study of the potential interactions of 4- $\alpha$ -acetamidochalcones with protein targets in SARS-CoV-2. <i>Biochemical and Biophysical Research Communications</i> , 2021, 537, 71-77.	1.0	15
22	Carbon steel corrosion inhibition in acid medium by imidazole-based molecules: Experimental and molecular modelling approaches. <i>Journal of Molecular Liquids</i> , 2021, 326, 115330.	2.3	23
23	A theoretical and experimental study of phosphate ester inhibitors for AISI 1018 in carbon dioxide-saturated 3.5%wt% NaCl solution. <i>Materials and Corrosion - Werkstoffe Und Korrosion</i> , 2021, 72, 1417-1432.	0.8	2
24	Physical-chemical characterization, controlled release, and toxicological potential of galactomannan-bixin microparticles. <i>Journal of Molecular Structure</i> , 2021, 1239, 130499.	1.8	3
25	Structural and spectroscopic analysis and evaluation of cytotoxic activity of 2-hydroxychalcones against human cancer cell lines. <i>Journal of Molecular Structure</i> , 2021, 1245, 131135.	1.8	5
26	Effects of electrodeposition parameters on corrosion resistance of ZnSn coatings on carbon steel obtained from eutectic mixture based on choline chloride and ethylene glycol. <i>Journal of Alloys and Compounds</i> , 2021, 886, 161159.	2.8	16
27	Electrochemical sensor based on multi-walled carbon nanotubes for imidacloprid determination. <i>Analytical Methods</i> , 2021, 13, 2124-2136.	1.3	18
28	Current overview and perspectives on carbon-based (bio)sensors for carbamate pesticides electroanalysis. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 124, 115779.	5.8	43
29	Multi-step bioconversion of annonalide by <i>Fusarium oxysporum</i> f. sp. <i>tracheiphilum</i> and theoretical investigation of the decarboxylase pathway. <i>Journal of Molecular Structure</i> , 2020, 1204, 127514.	1.8	9
30	Molecular approach about the effect of water on the electrochemical behaviour of Ag <sup>+</sup> ions in urea-choline chloride-water mixture. <i>Journal of Molecular Modeling</i> , 2020, 26, 339.	0.8	5
31	A potential bio-antioxidant for mineral oil from cashew nutshell liquid: an experimental and theoretical approach. <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 369-381.	0.7	10
32	Silver electrodeposition at room temperature protic ionic liquid 1-H-methylimidazolium hydrogen sulfate. <i>Journal of Molecular Liquids</i> , 2020, 313, 113487.	2.3	5
33	Electrochemical sensing of thiabendazole in complex samples using boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2020, 866, 114179.	1.9	17
34	Polyethylenimine-Multi-Walled Carbon Nanotubes/Glassy Carbon Electrode as an Efficient Sensing Platform for Promethazine. <i>Journal of the Electrochemical Society</i> , 2020, 167, 107506.	1.3	12
35	Characterization of the structural, spectroscopic, nonlinear optical, electronic properties and antioxidant activity of the N-{4- $\alpha$ -[(E)-3-(Fluorophenyl)-1-(phenyl)-prop-2-en-1-one]}-acetamide. <i>Journal of Molecular Structure</i> , 2020, 1220, 128765.	1.8	22
36	Structural, Vibrational and Electrochemical Analysis and Antibacterial Potential of Isomeric Chalcones Derived from Natural Acetophenone. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 4713.	1.3	15

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37	Application of Nanostructured Carbon-Based Electrochemical (Bio)Sensors for Screening of Emerging Pharmaceutical Pollutants in Waters and Aquatic Species: A Review. <i>Nanomaterials</i> , 2020, 10, 1268.	1.9	37
38	A UNIFIED FORMULA FOR HYDROCARBONS WITH APPLICATIONS TO FUNCTIONAL GROUPS. <i>Quimica Nova</i> , 2020, , .	0.3	0
39	Structural and Optoelectronic Properties of the $\hat{1}\pm$ , $\hat{1}^2$ , and $\hat{1}^3$ -Glycine Polymorphs and the Glycine Dihydrate Crystal: A DFT Study. <i>Crystal Growth and Design</i> , 2019, 19, 5204-5217.	1.4	13
40	Electrodeposition of 1-D tellurium nanostructure on gold surface from choline chloride-urea and choline chloride-ethylene glycol mixtures. <i>Journal of Molecular Liquids</i> , 2019, 288, 111038.	2.3	15
41	One-step preparation of silver electrodeposits from non-aqueous solvents. <i>Journal of Molecular Liquids</i> , 2019, 288, 111091.	2.3	10
42	Structural, electronic, and optical properties of inhomogeneous $\text{Ca}1\hat{a}^x \text{Mg} x \text{O}$ alloys. <i>Journal of Applied Physics</i> , 2019, 125, 155102.	1.1	5
43	Solid state properties of hydroxyurea: Optical absorption measurement and DFT calculations. <i>Journal of Applied Physics</i> , 2019, 125, 134901.	1.1	4
44	Electroanalysis of Pharmaceuticals on Boron- $\hat{\text{D}}$ -Doped Diamond Electrodes: A Review. <i>ChemElectroChem</i> , 2019, 6, 2350-2378.	1.7	45
45	Structural, photophysical and electrochemical properties of a novel cardanol-based salophen ligand and its Mn(II) complex. <i>Journal of Molecular Structure</i> , 2019, 1181, 279-286.	1.8	8
46	Rose Bengal incorporated to $\hat{1}\pm$ -cyclodextrin microparticles for photodynamic therapy against the cariogenic microorganism <i>Streptococcus mutans</i> . <i>Photodiagnosis and Photodynamic Therapy</i> , 2019, 25, 111-118.	1.3	14
47	Understanding the dipyrone oxidation allying electrochemical and computational approaches. <i>Analytica Chimica Acta</i> , 2019, 1051, 49-57.	2.6	8
48	Dispersion of multi-walled carbon nanotubes in [BMIM]PF 6 for electrochemical sensing of acetaminophen. <i>Materials Science and Engineering C</i> , 2018, 88, 148-156.	3.8	17
49	The effect of water on the physicochemical properties of an ethylene glycol and choline chloride mixture containing $\text{Cu}^{2+}$ ions: electrochemical results and dynamic molecular simulation approach. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 9321-9327.	1.3	16
50	Nanocrystal growth, magnetic and electrochemical properties of NiZn ferrite. <i>Journal of Alloys and Compounds</i> , 2018, 738, 206-217.	2.8	9
51	Experimental and computational studies of the interactions between carbon nanotubes and ionic liquids used for detection of acetaminophen. <i>Sensors and Actuators B: Chemical</i> , 2018, 277, 640-646.	4.0	8
52	Chitosan-magnetite nanocomposite as a sensing platform to bendiocarb determination. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7229-7238.	1.9	14
53	Square Wave Adsorptive Stripping Voltammetry Determination of Chlorpyrifos in Irrigation Agricultural Water. <i>Journal of Analytical Chemistry</i> , 2018, 73, 695-704.	0.4	13
54	Chemical, morphological and corrosion characterisations of electrodeposited Ni-Fe-P coatings. <i>Electrochimica Acta</i> , 2018, 284, 18-23.	2.6	31

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55	Electroanalysis of Imidacloprid Insecticide in River Waters Using Functionalized Multi-Walled Carbon Nanotubes Modified Glassy Carbon Electrode. <i>Journal of the Electrochemical Society</i> , 2018, 165, B431-B435.	1.3	20
56	Corrosion investigation of the 18Ni 300 grade maraging steel in aqueous chloride medium containing H <sub>2</sub> S and CO <sub>2</sub> . <i>Electrochimica Acta</i> , 2018, 286, 339-349.	2.6	35
57	Sensing of formetanate pesticide in fruits with a boron-doped diamond electrode. <i>Microchemical Journal</i> , 2018, 142, 24-29.	2.3	21
58	Computational modeling of functionalized multi-walled carbon nanotubes dispersed in polyethylenimine for electrochemical sensing of acetaminophen. <i>Sensors and Actuators B: Chemical</i> , 2017, 246, 969-978.	4.0	18
59	Imipramine sensing in pharmaceutical formulations using boron-doped diamond electrode. <i>Journal of Electroanalytical Chemistry</i> , 2017, 788, 118-124.	1.9	21
60	Sensor based on $\text{I}^2$ - NiOx hybrid film/multi-walled carbon nanotubes composite electrode for groundwater salinization inspection. <i>Chemical Engineering Journal</i> , 2017, 323, 47-55.	6.6	5
61	The vibrational properties of the bee-killer imidacloprid insecticide: A molecular description. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 185, 245-255.	2.0	20
62	An improved quantum biochemistry description of the glutamateâ€“GluA2 receptor binding within an inhomogeneous dielectric function framework. <i>New Journal of Chemistry</i> , 2017, 41, 6167-6179.	1.4	8
63	Electrodeposition of indium on copper from deep eutectic solvents based on choline chloride and ethylene glycol. <i>Electrochimica Acta</i> , 2017, 235, 553-560.	2.6	39
64	Factorial design in the electrodeposition of Co-Mo coatings and their evaluations for hydrogen evolution reaction. <i>Journal of Alloys and Compounds</i> , 2017, 723, 164-171.	2.8	33
65	Understanding the corrosion inhibition of carbon steel and copper in sulphuric acid medium by amino acids using electrochemical techniques allied to molecular modelling methods. <i>Corrosion Science</i> , 2017, 115, 41-55.	3.0	189
66	Electrochemical determination diethylstilbestrol by a multi-walled carbon nanotube/cobalt phthalocyanine film electrode. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 933-942.	4.0	41
67	Chlorhexidine digluconate on chitosan-magnetic iron oxide nanoparticles modified electrode: Electroanalysis and mechanistic insights by computational simulations. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 417-425.	4.0	23
68	Evaluation of degradation mechanism of chlorhexidine by means of Density Functional Theory calculations. <i>Computational Biology and Chemistry</i> , 2017, 71, 82-88.	1.1	4
69	Pitting corrosion resistance of austenitic and superaustenitic stainless steels in aqueous medium of NaCl and H <sub>2</sub> SO <sub>4</sub> . <i>Journal of Materials Research</i> , 2016, 31, 1755-1763.	1.2	14
70	Multi-walled carbon nanotubesâ€“cobalt phthalocyanine modified electrode for electroanalytical determination of acetaminophen. <i>Journal of Electroanalytical Chemistry</i> , 2016, 772, 9-16.	1.9	42
71	Explaining RANKL inhibition by OPG through quantum biochemistry computations and insights into peptide-design for the treatment of osteoporosis. <i>RSC Advances</i> , 2016, 6, 84926-84942.	1.7	7
72	Computational electronic structure of the bee killer insecticide imidacloprid. <i>New Journal of Chemistry</i> , 2016, 40, 10353-10362.	1.4	12

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73	Fast ultrasound assisted synthesis of chitosan-based magnetite nanocomposites as a modified electrode sensor. <i>Carbohydrate Polymers</i> , 2016, 151, 760-769.	5.1	57
74	Modeling of laccase inhibition by formetanate pesticide using theoretical approaches. <i>Bioelectrochemistry</i> , 2016, 108, 46-53.	2.4	11
75	Morphological dependence of silver electrodeposits investigated by changing the ionic liquid solvent and the deposition parameters. <i>Physical Chemistry Chemical Physics</i> , 2016, 18, 7242-7250.	1.3	10
76	Electroanalysis of formetanate hydrochloride by a cobalt phthalocyanine functionalized multiwalled carbon nanotubes modified electrode: characterization and application in fruits. <i>Electrochimica Acta</i> , 2016, 194, 187-198.	2.6	27
77	Influence of Mo content on the phase evolution and corrosion behavior of model Fe-9Cr-Mo (x = 5, 7, and 9 wt%) alloys. <i>Journal of Materials Research</i> , 2015, 30, 1999-2007.	1.2	6
78	Insights into electrodegradation mechanism of tebuconazole pesticide on Bi-doped PbO <sub>2</sub> electrodes. <i>Electrochimica Acta</i> , 2015, 154, 278-286.	2.6	39
79	Simultaneous electrochemical sensing of emerging organic contaminants in full-scale sewage treatment plants. <i>Chemical Engineering Journal</i> , 2015, 267, 347-354.	6.6	14
80	Evaluation of antioxidant action by electrochemical and accelerated oxidation experiments of phenolic compounds derived from cashew nut shell liquid. <i>Industrial Crops and Products</i> , 2015, 67, 281-286.	2.5	31
81	AN ELECTROCHEMICAL BIOSENSOR BASED ON THE TYROSINASE ENZYME FOR THE DETERMINATION OF PHENOL IN WASTEWATER. <i>Quimica Nova</i> , 2015, , .	0.3	3
82	New Alkaloids from <i>Margaritopsis carrascoana</i> (Rubiaceae). <i>Journal of the Brazilian Chemical Society</i> , 2015, , .	0.6	4
83	Optical Absorption of the Antitrypanocidal Drug Benznidazole in Water. <i>Molecules</i> , 2014, 19, 4145-4156.	1.7	10
84	Phosphate group vibrational signatures of the osteoporosis drug alendronate. <i>Journal of Raman Spectroscopy</i> , 2014, 45, 801-806.	1.2	14
85	Sensitive bi-enzymatic biosensor based on polyphenoloxidases-gold nanoparticles-chitosan hybrid film-graphene doped carbon paste electrode for carbamates detection. <i>Bioelectrochemistry</i> , 2014, 98, 20-29.	2.4	72
86	Analytical determination of nimesulide and ofloxacin in pharmaceutical preparations using square-wave voltammetry. <i>Journal of Analytical Chemistry</i> , 2014, 69, 62-71.	0.4	12
87	Simple laccase-based biosensor for formetanate hydrochloride quantification in fruits. <i>Bioelectrochemistry</i> , 2014, 95, 7-14.	2.4	49
88	Exploiting the Reduction of Haloperidol: Electrochemical and Computational Studies Using Silver Amalgam and HMDE Electrodes. <i>Electrochimica Acta</i> , 2014, 137, 564-574.	2.6	7
89	Diclofenac on Boron-Doped Diamond Electrode: From Electroanalytical Determination to Prediction of the Electrooxidation Mechanism with HPLC-ESI/HRMS and Computational Simulations. <i>Langmuir</i> , 2014, 30, 5645-5654.	1.6	24
90	Amphiphilic porphyrin-cardanol derivatives in Langmuir and Langmuir-Blodgett films applied for sensing. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2013, 425, 68-75.	2.3	24

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91	Sensitive voltammetric responses and mechanistic insights into the determination of residue levels of endosulfan in fresh foodstuffs and raw natural waters. <i>Microchemical Journal</i> , 2013, 110, 40-47.	2.3	10
92	Carbon-fibre microelectrodes coupled with square-wave voltammetry for the direct analysis of dimethomorph fungicide in natural waters. <i>Microchemical Journal</i> , 2013, 109, 84-92.	2.3	21
93	Gold Electrode Modified with Cu-Porphyrin Derived from Cardanol as Electrochemical Sensor for Nitric Oxide. <i>Journal of the Electrochemical Society</i> , 2013, 160, B113-B118.	1.3	10
94	An ab initio explanation of the activation and antagonism strength of an AMPA-sensitive glutamate receptor. <i>RSC Advances</i> , 2013, 3, 14988.	1.7	12
95	Laccase-Prussian blue film-graphene doped carbon paste modified electrode for carbamate pesticides quantification. <i>Biosensors and Bioelectronics</i> , 2013, 47, 292-299.	5.3	57
96	Electrochemical and Monte Carlo studies of self-assembled trans-[Fe(cyclam)(NCS) <sub>2</sub> ] <sup>+</sup> complex ion on gold surface as electrochemical sensor for nitric oxide. <i>Electrochimica Acta</i> , 2013, 91, 1-10.	2.6	8
97	Biosensor based on multi-walled carbon nanotubes paste electrode modified with laccase for pirimicarb pesticide quantification. <i>Talanta</i> , 2013, 106, 137-143.	2.9	87
98	Molinate quantification in environmental water by a glutathione-S-transferase based biosensor. <i>Talanta</i> , 2013, 106, 249-254.	2.9	29
99	Dimethomorph electrooxidation: Analytical determination in grape-derived samples and mechanistic aspects. <i>Electrochimica Acta</i> , 2013, 107, 350-357.	2.6	10
100	Eletrodegradação de Ponceau 2R utilizando Ånodos dimensionalmente estáveis e Ti/Pt. <i>Quimica Nova</i> , 2013, 36, 85-90.	0.3	8
101	Four-level levodopa adsorption on C <sub>60</sub> fullerene for transdermal and oral administration: a computational study. <i>RSC Advances</i> , 2012, 2, 8306.	1.7	13
102	Electrochemical and computational studies of phenolic antioxidants from cashew nut shell liquid. <i>Electrochimica Acta</i> , 2012, 79, 67-73.	2.6	22
103	Direct electrochemical analysis of dexamethasone endocrine disruptor in raw natural waters. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 110-119.	0.6	13
104	Characterisation of electrodeposited and heat-treated Ni-Mo-P coatings. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 328-334.	0.6	26
105	Two-Level Adsorption of Ibuprofen on C <sub>60</sub> Fullerene for Transdermal Delivery: Classical Molecular Dynamics and Density Functional Theory Computations. <i>Journal of Physical Chemistry C</i> , 2011, 115, 24501-24511.	1.5	24
106	Utilização de eletrodos sólidos de amálgama para a determinação analítica de compostos orgânicos e inorgânicos. <i>Quimica Nova</i> , 2011, 34, 487-496.	0.3	14
107	Monoclinic and orthorhombic cysteine crystals are small gap insulators. <i>Chemical Physics Letters</i> , 2011, 512, 208-210.	1.2	19
108	The influence of citrate and tartrate on the electrodeposition and surface morphology of Cu-Ni layers. <i>Journal of Applied Electrochemistry</i> , 2011, 41, 415-422.	1.5	17



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109	Electroanalytical Performance of (SiPy <sup>+</sup> Cl <sup>-</sup> /CuTsPc) <sub>5</sub> LbL Film for Detecting Promethazine Hydrochloride. <i>Electroanalysis</i> , 2011, 23, 1814-1820.	1.5	14
110	Square-wave adsorptive voltammetry of dexamethasone: Redox mechanism, kinetic properties, and electroanalytical determinations in multicomponent formulations. <i>Analytical Biochemistry</i> , 2011, 413, 148-156.	1.1	26
111	Study of a gold electrode modified by trans-[Ru(NH <sub>3</sub> ) <sub>4</sub> (Ist)SO <sub>4</sub> ] <sup>+</sup> to produce an electrochemical sensor for nitric oxide. <i>Electrochimica Acta</i> , 2011, 56, 5686-5692.	2.6	7
112	Electrochemical mechanism and kinetics studies of haloperidol and its assay in commercial formulations. <i>Electrochimica Acta</i> , 2011, 56, 2036-2044.	2.6	18
113	Synthesis, characterization and catalytic performance of metal-containing mesoporous carbons for styrene production. <i>Applied Catalysis A: General</i> , 2011, 395, 53-63.	2.2	13
114	Cold deformation effect on the microstructures and mechanical properties of AISI 301LN and 316L stainless steels. <i>Materials &amp; Design</i> , 2011, 32, 605-614.	5.1	49
115	Sensitive Determination of the Diquat Herbicide in Fresh Food Samples on a Highly Boron-Doped Diamond Electrode. <i>Electroanalysis</i> , 2010, 22, 2502-2510.	1.5	14
116	Morphological, structural, microhardness and electrochemical characterisations of electrodeposited Cr and Ni-W coatings. <i>Electrochimica Acta</i> , 2010, 55, 2078-2086.	2.6	72
117	Corrosion aspects of alkyd paints modified with linseed and soy oils. <i>Electrochimica Acta</i> , 2010, 55, 6204-6211.	2.6	28
118	Voltammetric determination of ketoconazole using a polished silver solid amalgam electrode. <i>Electrochimica Acta</i> , 2010, 55, 9083-9089.	2.6	37
119	Morphological, structural, microhardness and corrosion characterisations of electrodeposited Ni-Mo and Cr coatings. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 1968-1976.	0.6	33
120	Square wave voltammetric determination of nitrofurantoin in pharmaceutical formulations on highly boron-doped diamond electrodes at different boron-doping contents. <i>Talanta</i> , 2010, 80, 1730-1736.	2.9	60
121	Thionicotinamide SAM on Gold: Adsorption Studies and Electroactivity. <i>Electroanalysis</i> , 2009, 21, 1081-1089.	1.5	9
122	A simple and sensitive detection of diquat herbicide using a dental amalgam electrodeA comparison using the chromatographic technique. <i>Talanta</i> , 2009, 79, 1216-1222.	2.9	26
123	The influence of 4-mercaptopyridine layer instability on rapid electron transfer reaction. <i>Journal of Electroanalytical Chemistry</i> , 2008, 619-620, 26-30.	1.9	6
124	Electroanalytical Determination of Promethazine Hydrochloride in Pharmaceutical Formulations on Highly Boron-Doped Diamond Electrodes Using Square-Wave Adsorptive Voltammetry. <i>Electroanalysis</i> , 2008, 20, 2031-2039.	1.5	45
125	Study of the anticorrosive behaviour of epoxy binders containing non-toxic inorganic corrosion inhibitor pigments. <i>Progress in Organic Coatings</i> , 2008, 62, 344-350.	1.9	86
126	Determination of the sensitized zone extension in welded AISI 304 stainless steel using non-destructive electrochemical techniques. <i>Corrosion Science</i> , 2008, 50, 1149-1155.	3.0	53



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127	Synthesis, characterization and catalytic properties of nanostructured porous carbon. <i>Studies in Surface Science and Catalysis</i> , 2008, 174, 1303-1306.	1.5	7
128	5-(4-pyridinyl)-1,3,4-oxadiazole-2-thiol on gold: SAM Formation and electroactivity. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 711-719.	0.6	11
129	Deformation induced martensite in an AISI 301LN stainless steel: characterization and influence on pitting corrosion resistance. <i>Materials Research</i> , 2007, 10, 359-366.	0.6	94
130	Corrosion study of electrodeposited Zn and Zn-Co coatings in chloride medium. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 1164-1175.	0.6	46
131	Cu-Sn coatings obtained from pyrophosphate-based electrolytes. <i>Surface and Coatings Technology</i> , 2007, 201, 7216-7221.	2.2	44
132	AFM and hydrodynamic electrochemical characterization of the self-assembled 1,4-dithiane on gold surface. <i>Journal of Electroanalytical Chemistry</i> , 2007, 603, 21-26.	1.9	6
133	Studies on electrodeposition of corrosion resistant Ni-Fe-Mo alloy. <i>Journal of Materials Science</i> , 2007, 42, 2290-2296.	1.7	19
134	Preparation and characterization of electrodeposited iron + cobalt thin films from a chloride bath. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 90-97.	0.6	9
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