Juan A Squella

List of Publications by Year
in descending order

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199 papers	3,342 citations	172207 29 h-index	264894 42 g-index
201 all docs	201 docs citations	201 times ranked	3010 citing authors

#	Article	IF	Citations
1	Trypanosoma cruzi: effect and mode of action of nitroimidazole and nitrofuran derivatives. Biochemical Pharmacology, 2003, 65, 999-1006.	2.0	148
2	Antioxidant activity of gallates: an electrochemical study in aqueous media. Chemico-Biological Interactions, 1998, 114, 45-59.	1.7	104
3	Recent Developments in the Electrochemistry of Some Nitro Compounds of Biological Significance. Current Organic Chemistry, 2005, 9, 565-581.	0.9	98
4	Electrochemical determination of food colorants in soft drinks using MWCNT-modified GCEs. Sensors and Actuators B: Chemical, 2017, 240, 1257-1264.	4.0	89
5	Voltammetric oxidation of trazodone. Electrochimica Acta, 1987, 32, 1159-1162.	2.6	58
6	Synthesis and antioxidant study of new polyphenolic hybrid-coumarins. Arabian Journal of Chemistry, 2018, 11, 525-537.	2.3	56
7	Cyclic voltammetric studies on nitro radical anion formation from megazol and some related nitroimidazole derivatives. Journal of Electroanalytical Chemistry, 2001, 511, 46-54.	1.9	48
8	Nifedipine: Differential pulse polarography and photodecomposition. Talanta, 1989, 36, 363-366.	2.9	47
9	Antioxidant Effects of 1,4-Dihydropyridine and Nitroso Aryl Derivatives on the Fe+3/Ascorbate-Stimulated Lipid Peroxidation in Rat Brain Slices. General Pharmacology, 1998, 31, 385-391.	0.7	46
10	Voltammetric determination of the heterogeneous charge transfer rate constant for superoxide formation at a glassy carbon electrode in aprotic medium. Journal of Electroanalytical Chemistry, 2003, 549, 157-160.	1.9	41
11	Cyclic voltammetric study of the disproportionation reaction of the nitro radical anion from 4-nitroimidazole in protic media. Journal of Electroanalytical Chemistry, 2002, 531, 187-194.	1.9	39
12	Chromenopyridines: Promising Scaffolds for Medicinal and Biological Chemistry. Current Medicinal Chemistry, 2011, 18, 4761-4785.	1.2	39
13	Nitro radical anion formation from nimodipine. Journal of Electroanalytical Chemistry, 1993, 345, 121-133.	1.9	38
14	Cyclic voltammetric behaviour of the O2/O2â˙ redox couple at a HMDE and its interaction with nisoldipine. Journal of Electroanalytical Chemistry, 2002, 519, 46-52.	1.9	38
15	Voltammetric oxidation of Hantzsch 1,4-dihydropyridines in protic and aprotic media: relevance of the substitution on N position. Electrochimica Acta, 2003, 48, 2505-2516.	2.6	37
16	Oxidation of Hantzsch 1,4-Dihydropyridines of Pharmacological Significance by Electrogenerated Superoxide. Pharmaceutical Research, 2004, 21, 428-435.	1.7	37
17	Cyclic voltammetric determination of free radical species from nitroimidazopyran: a new antituberculosis agent. Journal of Electroanalytical Chemistry, 2004, 562, 9-14.	1.9	37
18	Simultaneous determination of melatonin and pyridoxine in tablets by gas chromatography-mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2001, 26, 929-938.	1.4	36

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19	Spectrophotometric and electrochemical study of the inclusion complex between Î²-cyclodextrin and furnidipine. Journal of Pharmaceutical and Biomedical Analysis, 2004, 35, 51-56.	1.4	36
20	Voltammetric studies of aromatic nitro compounds: pH-dependence on decay of the nitro radical anion in mixed media. Journal of Electroanalytical Chemistry, 2000, 494, 69-76.	1.9	35
21	A selective HPLC method for determination of lercanidipine in tablets. Journal of Pharmaceutical and Biomedical Analysis, 2003, 31, 1-9.	1.4	35
22	Voltammetric oxidation of Hantzsch 1,4-dihydropyridines in protic media: substituent effect on positions 3,4,5 of the heterocyclic ring. Electrochimica Acta, 2004, 49, 4849-4856.	2.6	35
23	Cyclic Voltammetric and Scanning Electrochemical Microscopic Study of Thiolated Î²-Cyclodextrin Adsorbed on a Gold Electrode. Langmuir, 2003, 19, 3365-3370.	1.6	33
24	Polarographic Study of the Photodecomposition of Nimodipine. Journal of Pharmaceutical Sciences, 1992, 81, 920-924.	1.6	32
25	In situ reactivity of the electrochemically generated nitro radical anion from nitrendipine with glutathione, adenine and uracil. Journal of Electroanalytical Chemistry, 1995, 381, 215-219.	1.9	32
26	Electrochemical study of nisoldipine: analytical application in pharmaceutical forms and photodegradation. Journal of Pharmaceutical and Biomedical Analysis, 1998, 16, 853-862.	1.4	32
27	A polarographic study of the photodegradation of nitrendipine. Journal of Pharmaceutical and Biomedical Analysis, 1990, 8, 43-47.	1.4	31
28	Voltammetric behavior of 1,4-dihydropyridine calcium antagonists. Electroanalysis, 1994, 6, 259-264.	1.5	31
29	Voltammetric study of nimesulide and its differential pulse polarographic determination in pharmaceuticals. Electroanalysis, 1997, 9, 1209-1213.	1.5	29
30	Cyclic voltammetric study of the nitro radical anion from nitrendipine generated electrochemically. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1991, 319, 177-184.	0.3	28
31	Activity of Boldine on Rat Ileum. Planta Medica, 1991, 57, 519-522.	0.7	28
32	An electrochemical evidence of free radicals formation from flutamide and its reactivity with endo/xenobiotics of pharmacological relevance. Bioelectrochemistry, 2001, 53, 103-110.	2.4	28
33	Relative reactivity of dihydropyridine derivatives to electrogenerated superoxide ion in DMSO solutions: a voltammetric approach. Pharmaceutical Research, 2003, 20, 292-296.	1.7	28
34	Sensitive Determination of Nitrofurantoin by Flow Injection Analysis Using Carbon Nanofiber Screen Printed Electrodes. Electroanalysis, 2013, 25, 1433-1438.	1.5	28
35	Folarographic Behaviour of Nitrendipine. Analytical Letters, 1988, 21, 2293-2305.	1.0	27
36	Redox behaviour of nifuroxazide: generation of the one-electron reduction product. Chemico-Biological Interactions, 1996, 99, 227-238.	1.7	27

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37	Voltammetric Study of Nitro Radical Anion Generated from Some Nitrofuran Compounds of Pharmacological Significance. Electroanalysis, 2003, 15, 19-25.	1.5	27
38	Nitrosobenzene: electrochemical, UV-visible and EPR spectroscopic studies on the nitrosobenzene free radical generation and its interaction with glutathione. Electrochimica Acta, 2000, 45, 3555-3561.	2.6	26
39	Voltammetric reduction of finasteride at mercury electrode and its determination in tablets. Talanta, 2008, 75, 691-696.	2.9	26
40	Nicardipine: Differential pulse polarography and photodecomposition. Electroanalysis, 1991, 3, 221-225.	1.5	25
41	Electrochemical Oxidation of 4â€Methylâ€1,4â€dihydropyridines in Protic and Aprotic Media. Spin Trapping Studies. Journal of the Electrochemical Society, 1999, 146, 1478-1485.	1.3	25
42	Polarographic and Spectrophotometric Determination of Nimodipine in Tablets. Analytical Letters, 1992, 25, 281-292.	1.0	24
43	Voltammetric behaviour of bromhexine and its determination in pharmaceuticals. Talanta, 2007, 73, 913-919.	2.9	24
44	Carbon nanofiber screen printed electrode joined to a flow injection system for nimodipine sensing. Sensors and Actuators B: Chemical, 2015, 220, 456-462.	4.0	24
45	Electrochemical study of the nitro radical anion from nicardipine: Kinetic parameters and its interaction with glutathione. Bioelectrochemistry, 1994, 34, 13-18.	1.0	23
46	Polarographic determination of loratadine in pharmaceutical preparations. Talanta, 1996, 43, 2029-2035.	2.9	23
47	Electrochemical generation and reactivity of free radical redox intermediates from ortho-and meta-nitro substituted 1,4-dihydropyridines. Chemico-Biological Interactions, 1997, 106, 1-14.	1.7	23
48	HPLC Determination of Nimesulide in Tablets by Electrochemical Detection. Analytical Letters, 1998, 31, 1173-1184.	1.0	23
49	Experimental and theoretical insights into the electrooxidation pathway of azo-colorants on glassy carbon electrode. Electrochimica Acta, 2018, 290, 556-567.	2.6	23
50	Electrochemical study of some penicillin antibiotics by rapid ac polarography. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1981, 130, 361-366.	0.3	22
51	Polarography of an acidic degradation product from cephalexin. Talanta, 1982, 29, 137-138.	2.9	22
52	Photodecomposition of a New 1,4-Dihydropyridine: Furnidipine. Journal of Pharmaceutical Sciences, 1994, 83, 502-507.	1.6	22
53	Cyclic voltammetric and EPR spectroscopic studies of benzodiazepines: loprazolam and flunitrazepam. Journal of Electroanalytical Chemistry, 1997, 436, 227-238.	1.9	22
54	Electrochemical, UV-Visible and EPR studies on nitrofurantoin: Nitro radical anion generation and its interaction with glutathione. Free Radical Research, 2000, 32, 399-409.	1.5	22

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55	Scanning electrochemical microscopy (SECM) study of superoxide generation and its reactivity with 1,4-dihydropyridines. Journal of Electroanalytical Chemistry, 2005, 577, 235-242.	1.9	22
56	Determination of Nifuroxazide by Flow Injection Linear Adsorptive Stripping Voltammetry on a Screenâ€Printed Carbon Nanofiber Modified Electrode. Electroanalysis, 2012, 24, 676-682.	1.5	22
57	Electrochemical and EPR Characterization of 1,4-dihydropyridines. Reactivity Towards Alkyl Radicals. Free Radical Research, 2003, 37, 109-120.	1.5	21
58	Vibrating screen printed electrode of gold nanoparticle-modified carbon nanotubes for the determination of arsenic(III). Journal of Applied Electrochemistry, 2014, 44, 1255-1260.	1.5	21
59	Electrochemical characterization of ortho and meta-nitrotoluene derivatives in different electrolytic media. Free radical formation. Electrochimica Acta, 2001, 46, 4289-4300.	2.6	20
60	On the one pot syntheses of chromeno[4,3-b]pyridine-3-carboxylate and chromeno[3,4-c]pyridine-3-carboxylate and dihydropyridines. Journal of the Brazilian Chemical Society, 2010, 21, 413-418.	0.6	20
61	Differential pulse voltammetric determination of famotidine. Mikrochimica Acta, 1990, 100, 343-348.	2.5	19
62	Electrochemical oxidation of methylenedioxyamphetamines. Talanta, 1993, 40, 1379-1384.	2.9	19
63	Electroreduction of 4-(nitrophenyl) substituted 1,4-dihydropyridines on the mercury electrode in aprotic medium. Electrochimica Acta, 1997, 42, 2305-2312.	2.6	19
64	Inclusion complexes of estrone and estradiol withÎ²-cyclodextrin: Voltammetric and HPLC studies. Journal of Physical Organic Chemistry, 2007, 20, 499-505.	0.9	19
65	1,3-Dioxolane: A green solvent for the preparation of carbon nanotube-modified electrodes. Electrochemistry Communications, 2014, 48, 69-72.	2.3	19
66	Polarography as a technique for determining photodegradation in calcium antagonists. Bioelectrochemistry, 1990, 23, 161-166.	1.0	18
67	Isradipine and lacidipine: Effects in vivo and in vitro on Trypanosoma cruzi epimastigotes. General Pharmacology, 1998, 30, 85-87.	0.7	18
68	Reaction of 5-Aminosalicylic Acid with Peroxyl Radicals: Protection and Recovery by Ascorbic Acid and Amino Acids. Pharmaceutical Research, 2005, 22, 1642-1648.	1.7	18
69	Voltammetric Behavior of a 4-Nitroimidazole Derivative. Journal of the Electrochemical Society, 2005, 152, J46.	1.3	18
70	Polypyrrole Molecularly Imprinted Modified Glassy Carbon Electrode for the Recognition of Gallic Acid. Journal of the Electrochemical Society, 2013, 160, H243-H246.	1.3	18
71	A nitro radical anion formation from nifedipine: an electrochemical approach. Chemico-Biological Interactions, 1993, 89, 197-205.	1.7	17
72	Voltammetric study of ketorolac and its differential pulse polarographic determination in pharmaceuticals. Talanta, 1997, 44, 931-937.	2.9	17

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73	Reactivity of 1,4-Dihydropyridines Toward SIN-1-Derived Peroxynitrite. Pharmaceutical Research, 2004, 21, 1750-1757.	1.7	17
74	Structural effects on the reactivity 1,4-dihydropyridines with alkylperoxyl radicals and ABTS radical cation. Bioorganic and Medicinal Chemistry, 2004, 12, 2459-2468.	1.4	17
75	Adsorption of ochratoxin A (OTA) anodic oxidation product on glassy carbon electrodes in highly acidic reaction media: Its thermodynamic and kinetics characterization. Electrochimica Acta, 2010, 55, 771-778.	2.6	17
76	A simple derivatization of multiwalled carbon nanotubes with nitroaromatics in aqueous media: Modification with nitroso/hydroxylamine groups. Electrochemistry Communications, 2011, 13, 217-220.	2.3	17
77	Polarographic Analysis of Cephalexin. Journal of Pharmaceutical Sciences, 1978, 67, 1466-1467.	1.6	16
78	Electrochemical study of Î²-nitrostyrene derivatives: steric and electronic effects on their electroreduction. Journal of Electroanalytical Chemistry, 1999, 466, 90-98.	1.9	16
79	Polarographic Reduction of Megazol and Derivatives, and Its Polarographic, UV Spectrophotometric, and HPLC Determination. Electroanalysis, 2001, 13, 936-943.	1.5	16
80	Oxidation of C4-hydroxyphenyl 1,4-dihydropyridines in dimethylsulfoxide and its reactivity towards alkylperoxyl radicals in aqueous medium. Bioorganic and Medicinal Chemistry, 2007, 15, 4318-4326.	1.4	16
81	The effect of 5-substitution on the electrochemical behavior and antitubercular activity of PA-824. Bioorganic and Medicinal Chemistry Letters, 2011, 21, 812-817.	1.0	16
82	Polarographic determination of ampicillin in capsules and tablets. Talanta, 1979, 26, 1039-1040.	2.9	15
83	Voltammetric and Chromatographic Assay of Trazodone. Analytical Letters, 1986, 19, 2307-2315.	1.0	15
84	Trypanosoma cruzi: Inhibition of Parasite Growth and Respiration by Oxazolo(thiazolo)pyridine Derivatives and Its Relationship to Redox Potential and Lipophilicity. Experimental Parasitology, 2001, 99, 1-6.	0.5	15
85	Reactivity of 1,4-Dihydropyridines toward Alkyl, Alkylperoxyl Radicals, and ABTS Radical Cation. Chemical Research in Toxicology, 2003, 16, 208-215.	1.7	15
86	Cyclic voltammetry and scanning electrochemical microscopy studies of the heterogeneous electron transfer reaction of some nitrosoaromatic compounds. Electrochimica Acta, 2007, 52, 4892-4898.	2.6	15
87	Determination of Nitrendipine with -Cyclodextrin Modified Carbon Paste Electrode. Electroanalysis, 2002, 14, 559-562.	1.5	14
88	Unexpected diastereotopic behaviour in the Â¹H NMR spectrum of 1,4-dihydropyridine derivatives triggered by chiral and prochiral centres. Journal of the Brazilian Chemical Society, 2005, 16, 112-115.	0.6	14
89	Voltammetric behavior of 3,5-dinitrobenzoic acid in solution on GCE and encapsulated on multiwalled carbon nanotube modified electrode. Journal of Electroanalytical Chemistry, 2016, 765, 149-154.	1.9	14
90	Electrochemistry and XPS of 2,7-dinitro-9-fluorenone immobilized on multi-walled carbon nanotubes. Journal of Solid State Electrochemistry, 2016, 20, 1131-1137.	1.2	14

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91	Electrocatalytic oxidation of NADH in a new nanostructured interface with an entrapped butylpyrene nitroaromatic derivative. Journal of Electroanalytical Chemistry, 2019, 837, 48-54.	1.9	14
92	Electrochemical behaviour of pyrazine derivatives: reduction of 2-hydroxy-3-phenyl-6-methylpyrazine. Journal of Electroanalytical Chemistry and Interfacial Electrochemistry, 1988, 243, 133-142.	0.3	13
93	Enoxacin: Polarographic Behaviour and Its Determination in Pharmaceutical Forms. Analytical Letters, 1993, 26, 1943-1957.	1.0	13
94	Free Radical Formation and Characterization of Nitroanisole Isomer Reduction in Different Media. Journal of the Electrochemical Society, 2002, 149, E374.	1.3	13
95	Hydrolytic degradation of nitrendipine and nisoldipine. Journal of Pharmaceutical and Biomedical Analysis, 2002, 28, 887-895.	1.4	13
96	Electrochemical reduction of C-4 nitrosophenyl 1,4-dihydropyridines and their parent C-4 nitrophenyl derivatives in protic media. Journal of Electroanalytical Chemistry, 2005, 580, 135-144.	1.9	13
97	Electrochemical oxidation of C4-vanillin- and C4-isovanillin-1,4-dihydropyridines in aprotic medium: Reactivity towards free radicals. Journal of Electroanalytical Chemistry, 2008, 622, 29-36.	1.9	13
98	Synthesis and electrochemical oxidation of hybrid compounds: dihydropyridine-fused coumarins. Electrochimica Acta, 2014, 125, 457-464.	2.6	13
99	Voltammetric Behaviour of CRE-319, A Novel Dihydropyridine Calcium Antagonist and Its Polarographic, UV Spectrophotometric and HPLC Determination. Analytical Letters, 1992, 25, 2225-2237.	1.0	12
100	Reactivity of the one-electron reduction product from nifedipine with relevant biological targets. Chemico-Biological Interactions, 1996, 101, 89-101.	1.7	12
101	Electrochemical reduction of 2,5-dimethoxy nitrobenzenes: nitro radical anion generation and biological activity. Bioelectrochemistry, 1998, 46, 21-28.	1.0	12
102	Electrochemical study of nitrostilbene derivatives: nitro group as a probe of the pushâ€“pull effect. Journal of Electroanalytical Chemistry, 2000, 492, 54-62.	1.9	12
103	Electrochemical reduction of nitroso compounds: voltammetric, UVâ€“vis and EPR characterization of ortho- and meta-nitrosotoluene derivatives. Journal of Electroanalytical Chemistry, 2001, 506, 48-60.	1.9	12
104	Electrochemical and spectroelectrochemical behavior of the main photodegradation product of nifedipine: the nitrosopyridine derivative. Pharmaceutical Research, 2002, 19, 522-529.	1.7	12
105	Electrochemical reduction of 2-nitroimidazole in aprotic medium: Influence of its dissociation equilibrium on the reduction mechanism. Electrochimica Acta, 2006, 52, 511-518.	2.6	12
106	Electrochemical Approach to the Radical Anion Formation from 2â€²-Hydroxy Chalcone Derivatives. Electroanalysis, 2006, 18, 521-525.	1.5	12
107	Anodic polarographic determination of flucloxacillin. Talanta, 1981, 28, 855-856.	2.9	11
108	Voltammertric Behaviour of Clonixin and its Differential Pulse Polarographic Determination in Tablets. Analytical Letters, 2000, 33, 53-68.	1.0	11

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109	Gas chromatography/mass spectrometric study of non-commercial C-4-substituted 1,4-dihydropyridines and their oxidized derivatives. Rapid Communications in Mass Spectrometry, 2002, 16, 2229-2238.	0.7	11
110	Synthesis of Some Câ€3,4,5â€Substituted 2,6â€Dimethylâ€1,4â€dihydropyridines (4â€DHPs). Synthetic Communications, 2007, 37, 2051-2060.	1.1	11
111	Study on the oxidation of C4-phenolic-1,4-dihydropyridines and its reactivity towards superoxide radical anion in dimethylsulfoxide. Electrochimica Acta, 2010, 56, 841-852.	2.6	11
112	Electrocatalytic determination of NADH by means of electrodes modified with MWCNTs and nitroaromatic compounds. Microchemical Journal, 2020, 159, 105422.	2.3	11
113	Polarography: a new tool in the elucidation of drug-albumin interactions. Biochemical Pharmacology, 1987, 36, 3531-3533.	2.0	10
114	Nitro radical anion formation from nifurtimox II: electrochemical evidence. Bioelectrochemistry, 1995, 38, 355-358.	1.0	10
115	Electrochemical reduction of nitrotetralones. Journal of Electroanalytical Chemistry, 1997, 420, 63-69.	1.9	10
116	Electroreduction of Nitroaryl-1,4-dihydropyridines on a Mercury Pool Electrode in Mixed Media Analysis of the Reaction Products and Their Reactivity with Biomolecules. Journal of the Electrochemical Society, 2000, 147, 3406.	1.3	10
117	Effects of 3-chloro-phenyl-1,4-dihydropyridine derivatives on Trypanosome cruzi epimastigotes. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 2000, 125, 103-109.	0.5	10
118	Substituent Effects on the Electrochemistry and Photostability of Model Compounds of Calcium Channel Antagonist Drugs. Journal of the Electrochemical Society, 2001, 148, E399.	1.3	10
119	Nitro radical anions from megazol and related nitroimidazoles in aprotic media. A fatherâ€“son type reaction triggered by an acidic proton. Electrochimica Acta, 2002, 47, 4045-4053.	2.6	10
120	Electrogenerated Nitro Radical Anions. Journal of the Electrochemical Society, 2004, 151, E322.	1.3	10
121	Electrochemical Reduction of 2-Nitroimidazole in Aqueous Mixed Medium. Journal of the Electrochemical Society, 2007, 154, F77.	1.3	10
122	Dihydropyridine-fused and pyridine-fused coumarins: Reduction on a glassy carbon electrode in dimethylformamide. Electrochimica Acta, 2012, 85, 336-344.	2.6	10
123	Electrochemical evidence for interaction between glutathione and ampicillin. Bioelectrochemistry, 1983, 10, 395-397.	1.0	9
124	The use of digital simulation to improve the cyclic voltammetric determination of rate constants for homogeneous chemical reactions following charge transfers. Analytica Chimica Acta, 2011, 699, 33-43.	2.6	9
125	MULTIWALLED CARBON NANOTUBES MODIFIED ELECTRODES WITH ENCAPSULATED 1,4-DIHYDRO-PYRIDINE-4-NITROBENZENE SUBSTITUTED COMPOUNDS. Journal of the Chilean Chemical Society, 2014, 59, 2498-2501.	0.5	9
126	A non-conventional way to perform voltammetry. Electrochemistry Communications, 2017, 81, 61-64.	2.3	9

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127	Polarographic Determination of Famotidine in Dosage Forms. Journal of the Association of Official Analytical Chemists, 1989, 72, 549-551.	0.2	8
128	Polarographic Study of Nifurtimox. Journal of Pharmaceutical Sciences, 1990, 79, 837-839.	1.6	8
129	Nitro Aryl 1,4-Dihydropyridine Derivatives: Effects on Trypanosoma cruzi. Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology, 1997, 118, 105-111.	0.5	8
130	Nitroradical Anion Formation from some Iodo-Substituted Nitroimidazoles. Electroanalysis, 2005, 17, 1665-1673.	1.5	8
131	Nitro radical anion formation from nitrofuryl substituted 1,4-dihydropyridine derivatives in mixed and non-aqueous media. Bioelectrochemistry, 2006, 69, 104-112.	2.4	8
132	Reactivity of C4â€indolyl substituted 1,4â€dihydropyridines toward superoxide anion (O₂^{â€¢}) in dimethylsulfoxide. Journal of Physical Organic Chemistry, 2009, 22, 569-577.	0.9	8
133	Adsorptive stripping voltammetric determination of nitroimidazole derivative on multiwalled carbon nanotube modified electrodes: influence of size and functionalization of nanotubes. Journal of the Brazilian Chemical Society, 2011, 22, 1271-1278.	0.6	8
134	Electrochemical Analysis of Nitrofurans Based on Flow Injection Analysis on Pretreated Commercial Carbon Nanofiber Screen Printed Electrodes: Determination in Chicken Muscle Samples. Journal of the Electrochemical Society, 2013, 160, H553-H559.	1.3	8
135	Electrocatalysis of NADH on 3,5-Dinitrobenzoic Acid Encapsulated on Multiwalled Carbon Nanotube-Modified Electrode. Electrocatalysis, 2016, 7, 357-361.	1.5	8
136	Nanostructured interfaces containing MWCNT and nitro aromatics: A new tool to determine Nimesulide. Microchemical Journal, 2020, 159, 105361.	2.3	8
137	Electroactive product from ampicillin. Talanta, 1980, 27, 621-621.	2.9	7
138	In vitro binding between glutathione and cloxacillin by a.c. polarography. Bioelectrochemistry, 1983, 11, 425-433.	1.0	7
139	The chlordiazepoxide-albumin binding a bioelectrochemical approach. Bioelectrochemistry, 1986, 16, 471-478.	1.0	7
140	VOLTAMMETRIC DETERMINATION OF NITROIMIDAZOPYRAN DRUG CANDIDATE FOR THE TREATMENT OF TUBERCULOSIS. Analytical Letters, 2001, 34, 2335-2348.	1.0	7
141	Synthesis of New 4-Nitrosophenyl-1,4-dihydropyridines of Pharmacological Interest. Synthesis, 2003, 2003, 2781-2784.	1.2	7
142	Electrogeneration of nitranion species from nitrofuryl substituted 1,4-dihydropyridine derivatives. Electrochemistry Communications, 2005, 7, 53-57.	2.3	7
143	Voltammetric redox behavior of nitrofuryl 1,4-dihydropyridine derivatives: Interdependence between two redox centers. Journal of Electroanalytical Chemistry, 2006, 591, 99-104.	1.9	7
144	Analyses by GCâ€“MS and GCâ€“MSâ€“MS of the hantzsch synthesis products using hydroxy- and methoxy-aromatic aldehydes. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 236-242.	1.4	7

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145	ASSESSMENT OF THE HYDROLYTIC DEGRADATION OF LOVASTATIN BY HPLC. Journal of the Chilean Chemical Society, 2005, 50, .	0.5	7
146	Interaction between glutathione and ampicillin: An a.c. polarographic method. Bioelectrochemistry, 1983, 11, 265-271.	1.0	6
147	Scavenging of the one-electron reduction product from nisoldipine with relevant thiols: electrochemical and EPR spectroscopic evidences. Pharmaceutical Research, 1998, 15, 1690-1695.	1.7	6
148	Voltammetric Behavior of Lercanidipine and Its Differential Pulse Polarographic Determination in Tablets. Electroanalysis, 2002, 14, 1098-1104.	1.5	6
149	Voltammetric reduction of 4-nitroimidazole derivatives: Influence of the N-1 substitution in protic and aprotic media. Electrochimica Acta, 2010, 55, 4558-4566.	2.6	6
150	Electrochemical study, on mercury, of a Meta-nitroarylamine derivative of nor-Î²-lapachone, an antitumor and trypanocidal compound. Quimica Nova, 2010, 33, 2075-2079.	0.3	6
151	Electrochemical Oxidation of 7-, 8- and 9-Hydroxy-3-ethoxycarbonyl-2,4-dimethyl coumarin[4,3-b]Pyridine Isomers at Glassy Carbon in Dimethylformamide. Journal of the Electrochemical Society, 2011, 158, F166.	1.3	6
152	New voltammetric method useful for water insoluble or weakly soluble compounds: application to pKa determination of hydroxyl coumarin derivatives. Journal of Solid State Electrochemistry, 2018, 22, 1423-1429.	1.2	6
153	Substituted Nitroquinolines Immobilized in Multiwalled Carbon Nanotubes: An Unconventional Voltammetric Experiment. Journal of the Electrochemical Society, 2018, 165, G176-G181.	1.3	6
154	Nitrofluorene derivatives trapped within MWCNTs for electrocatalysis of NADH: Substituent effects on Ï€-Ï€ stacking interaction strength. Electrochemistry Communications, 2020, 121, 106852.	2.3	6
155	Electrochemical study of the interaction between glutathione and carbenicillin. Electrochimica Acta, 1986, 31, 767-769.	2.6	5
156	Differential pulse polarography of buspirone. Electroanalysis, 1990, 2, 333-336.	1.5	5
157	Electrochemical reduction of nicergoline and its analytical determination in dosage forms. Talanta, 1992, 39, 1149-1154.	2.9	5
158	Nitro radical anion formation from nifurtimox. Part 1: Biological evidences in Trypanosoma cruzi. Bioelectrochemistry, 1997, 43, 151-155.	1.0	5
159	1,4-Dihydropyridines: Reactivity of Nitrosoaryl and Nitroaryl Derivatives with Alkylperoxyl Radicals and ABTS Radical Cation. Free Radical Research, 2004, 38, 715-727.	1.5	5
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