

# Juan A Squella

## List of Publications by Year in descending order

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199  
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3,342  
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172457

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201  
docs citations

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times ranked

3010  
citing authors

#	ARTICLE	IF	CITATIONS
1	Trypanosoma cruzi: effect and mode of action of nitroimidazole and nitrofuran derivatives. <i>Biochemical Pharmacology</i> , 2003, 65, 999-1006.	4.4	148
2	Antioxidant activity of gallates: an electrochemical study in aqueous media. <i>Chemico-Biological Interactions</i> , 1998, 114, 45-59.	4.0	104
3	Recent Developments in the Electrochemistry of Some Nitro Compounds of Biological Significance. <i>Current Organic Chemistry</i> , 2005, 9, 565-581.	1.6	98
4	Electrochemical determination of food colorants in soft drinks using MWCNT-modified GCEs. <i>Sensors and Actuators B: Chemical</i> , 2017, 240, 1257-1264.	7.8	89
5	Voltammetric oxidation of trazodone. <i>Electrochimica Acta</i> , 1987, 32, 1159-1162.	5.2	58
6	Synthesis and antioxidant study of new polyphenolic hybrid-coumarins. <i>Arabian Journal of Chemistry</i> , 2018, 11, 525-537.	4.9	56
7	Cyclic voltammetric studies on nitro radical anion formation from megazol and some related nitroimidazole derivatives. <i>Journal of Electroanalytical Chemistry</i> , 2001, 511, 46-54.	3.8	48
8	Nifedipine: Differential pulse polarography and photodecomposition. <i>Talanta</i> , 1989, 36, 363-366.	5.5	47
9	Antioxidant Effects of 1,4-Dihydropyridine and Nitroso Aryl Derivatives on the Fe <sup>3+</sup> /Ascorbate-Stimulated Lipid Peroxidation in Rat Brain Slices. <i>General Pharmacology</i> , 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. <i>Journal of Electroanalytical Chemistry</i> , 2003, 549, 157-160.	3.8	41
11	Cyclic voltammetric study of the disproportionation reaction of the nitro radical anion from 4-nitroimidazole in protic media. <i>Journal of Electroanalytical Chemistry</i> , 2002, 531, 187-194.	3.8	39
12	Chromenopyridines: Promising Scaffolds for Medicinal and Biological Chemistry. <i>Current Medicinal Chemistry</i> , 2011, 18, 4761-4785.	2.4	39
13	Nitro radical anion formation from nimodipine. <i>Journal of Electroanalytical Chemistry</i> , 1993, 345, 121-133.	3.8	38
14	Cyclic voltammetric behaviour of the O <sub>2</sub> /O <sub>2</sub> <sup>•-</sup> redox couple at a HMDE and its interaction with nisoldipine. <i>Journal of Electroanalytical Chemistry</i> , 2002, 519, 46-52.	3.8	38
15	Voltammetric oxidation of Hantzsch 1,4-dihydropyridines in protic and aprotic media: relevance of the substitution on N position. <i>Electrochimica Acta</i> , 2003, 48, 2505-2516.	5.2	37
16	Oxidation of Hantzsch 1,4-Dihydropyridines of Pharmacological Significance by Electrogenerated Superoxide. <i>Pharmaceutical Research</i> , 2004, 21, 428-435.	3.5	37
17	Cyclic voltammetric determination of free radical species from nitroimidazopyran: a new antituberculosis agent. <i>Journal of Electroanalytical Chemistry</i> , 2004, 562, 9-14.	3.8	37
18	Simultaneous determination of melatonin and pyridoxine in tablets by gas chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2001, 26, 929-938.	2.8	36

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19	Spectrophotometric and electrochemical study of the inclusion complex between $\beta$ -cyclodextrin and furnidipine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 35, 51-56.	2.8	36
20	Voltammetric studies of aromatic nitro compounds: pH-dependence on decay of the nitro radical anion in mixed media. <i>Journal of Electroanalytical Chemistry</i> , 2000, 494, 69-76.	3.8	35
21	A selective HPLC method for determination of lercanidipine in tablets. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003, 31, 1-9.	2.8	35
22	Voltammetric oxidation of Hantzsch 1,4-dihydropyridines in protic media: substituent effect on positions 3,4,5 of the heterocyclic ring. <i>Electrochimica Acta</i> , 2004, 49, 4849-4856.	5.2	35
23	Cyclic Voltammetric and Scanning Electrochemical Microscopic Study of Thiolated $\beta$ -Cyclodextrin Adsorbed on a Gold Electrode. <i>Langmuir</i> , 2003, 19, 3365-3370.	3.5	33
24	Polarographic Study of the Photodecomposition of Nimodipine. <i>Journal of Pharmaceutical Sciences</i> , 1992, 81, 920-924.	3.3	32
25	In situ reactivity of the electrochemically generated nitro radical anion from nitrendipine with glutathione, adenine and uracil. <i>Journal of Electroanalytical Chemistry</i> , 1995, 381, 215-219.	3.8	32
26	Electrochemical study of nisoldipine: analytical application in pharmaceutical forms and photodegradation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 16, 853-862.	2.8	32
27	A polarographic study of the photodegradation of nitrendipine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1990, 8, 43-47.	2.8	31
28	Voltammetric behavior of 1,4-dihydropyridine calcium antagonists. <i>Electroanalysis</i> , 1994, 6, 259-264.	2.9	31
29	Voltammetric study of nimesulide and its differential pulse polarographic determination in pharmaceuticals. <i>Electroanalysis</i> , 1997, 9, 1209-1213.	2.9	29
30	Cyclic voltammetric study of the nitro radical anion from nitrendipine generated electrochemically. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1991, 319, 177-184.	0.1	28
31	Activity of Boldine on Rat Ileum. <i>Planta Medica</i> , 1991, 57, 519-522.	1.3	28
32	An electrochemical evidence of free radicals formation from flutamide and its reactivity with endo/xenobiotics of pharmacological relevance. <i>Bioelectrochemistry</i> , 2001, 53, 103-110.	4.6	28
33	Relative reactivity of dihydropyridine derivatives to electrogenerated superoxide ion in DMSO solutions: a voltammetric approach. <i>Pharmaceutical Research</i> , 2003, 20, 292-296.	3.5	28
34	Sensitive Determination of Nitrofurantoin by Flow Injection Analysis Using Carbon Nanofiber Screen Printed Electrodes. <i>Electroanalysis</i> , 2013, 25, 1433-1438.	2.9	28
35	Polarographic Behaviour of Nitrendipine. <i>Analytical Letters</i> , 1988, 21, 2293-2305.	1.8	27
36	Redox behaviour of nifuroxazide: generation of the one-electron reduction product. <i>Chemico-Biological Interactions</i> , 1996, 99, 227-238.	4.0	27

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37	Voltammetric Study of Nitro Radical Anion Generated from Some Nitrofuran Compounds of Pharmacological Significance. <i>Electroanalysis</i> , 2003, 15, 19-25.	2.9	27
38	Nitrosobenzene: electrochemical, UV-visible and EPR spectroscopic studies on the nitrosobenzene free radical generation and its interaction with glutathione. <i>Electrochimica Acta</i> , 2000, 45, 3555-3561.	5.2	26
39	Voltammetric reduction of finasteride at mercury electrode and its determination in tablets. <i>Talanta</i> , 2008, 75, 691-696.	5.5	26
40	Nicardipine: Differential pulse polarography and photodecomposition. <i>Electroanalysis</i> , 1991, 3, 221-225.	2.9	25
41	Electrochemical Oxidation of 4-Methyl-1,4-dihydropyridines in Protic and Aprotic Media. Spin Trapping Studies. <i>Journal of the Electrochemical Society</i> , 1999, 146, 1478-1485.	2.9	25
42	Polarographic and Spectrophotometric Determination of Nimodipine in Tablets. <i>Analytical Letters</i> , 1992, 25, 281-292.	1.8	24
43	Voltammetric behaviour of bromhexine and its determination in pharmaceuticals. <i>Talanta</i> , 2007, 73, 913-919.	5.5	24
44	Carbon nanofiber screen printed electrode joined to a flow injection system for nimodipine sensing. <i>Sensors and Actuators B: Chemical</i> , 2015, 220, 456-462.	7.8	24
45	Electrochemical study of the nitro radical anion from nicardipine: Kinetic parameters and its interaction with glutathione. <i>Bioelectrochemistry</i> , 1994, 34, 13-18.	1.0	23
46	Polarographic determination of loratadine in pharmaceutical preparations. <i>Talanta</i> , 1996, 43, 2029-2035.	5.5	23
47	Electrochemical generation and reactivity of free radical redox intermediates from ortho-and meta-nitro substituted 1,4-dihydropyridines. <i>Chemico-Biological Interactions</i> , 1997, 106, 1-14.	4.0	23
48	HPLC Determination of Nimesulide in Tablets by Electrochemical Detection. <i>Analytical Letters</i> , 1998, 31, 1173-1184.	1.8	23
49	Experimental and theoretical insights into the electrooxidation pathway of azo-colorants on glassy carbon electrode. <i>Electrochimica Acta</i> , 2018, 290, 556-567.	5.2	23
50	Electrochemical study of some penicillin antibiotics by rapid ac polarography. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1981, 130, 361-366.	0.1	22
51	Polarography of an acidic degradation product from cephalexin. <i>Talanta</i> , 1982, 29, 137-138.	5.5	22
52	Photodecomposition of a New 1,4-Dihydropyridine: Furnidipine. <i>Journal of Pharmaceutical Sciences</i> , 1994, 83, 502-507.	3.3	22
53	Cyclic voltammetric and EPR spectroscopic studies of benzodiazepines: loperazolam and flunitrazepam. <i>Journal of Electroanalytical Chemistry</i> , 1997, 436, 227-238.	3.8	22
54	Electrochemical, UV-Visible and EPR studies on nitrofurantoin: Nitro radical anion generation and its interaction with glutathione. <i>Free Radical Research</i> , 2000, 32, 399-409.	3.3	22

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55	Scanning electrochemical microscopy (SECM) study of superoxide generation and its reactivity with 1,4-dihydropyridines. <i>Journal of Electroanalytical Chemistry</i> , 2005, 577, 235-242.	3.8	22
56	Determination of Nifuroxazide by Flow Injection Linear Adsorptive Stripping Voltammetry on a Screen-Printed Carbon Nanofiber Modified Electrode. <i>Electroanalysis</i> , 2012, 24, 676-682.	2.9	22
57	Electrochemical and EPR Characterization of 1,4-dihydropyridines. Reactivity Towards Alkyl Radicals. <i>Free Radical Research</i> , 2003, 37, 109-120.	3.3	21
58	Vibrating screen printed electrode of gold nanoparticle-modified carbon nanotubes for the determination of arsenic(III). <i>Journal of Applied Electrochemistry</i> , 2014, 44, 1255-1260.	2.9	21
59	Electrochemical characterization of ortho and meta-nitrotoluene derivatives in different electrolytic media. Free radical formation. <i>Electrochimica Acta</i> , 2001, 46, 4289-4300.	5.2	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. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 413-418.	0.6	20
61	Differential pulse voltammetric determination of famotidine. <i>Mikrochimica Acta</i> , 1990, 100, 343-348.	5.0	19
62	Electrochemical oxidation of methylenedioxyamphetamines. <i>Talanta</i> , 1993, 40, 1379-1384.	5.5	19
63	Electroreduction of 4-(nitrophenyl) substituted 1,4-dihydropyridines on the mercury electrode in aprotic medium. <i>Electrochimica Acta</i> , 1997, 42, 2305-2312.	5.2	19
64	Inclusion complexes of estrone and estradiol with $\beta$ -cyclodextrin: Voltammetric and HPLC studies. <i>Journal of Physical Organic Chemistry</i> , 2007, 20, 499-505.	1.9	19
65	1,3-Dioxolane: A green solvent for the preparation of carbon nanotube-modified electrodes. <i>Electrochemistry Communications</i> , 2014, 48, 69-72.	4.7	19
66	Polarography as a technique for determining photodegradation in calcium antagonists. <i>Bioelectrochemistry</i> , 1990, 23, 161-166.	1.0	18
67	Isradipine and lacidipine: Effects in vivo and in vitro on <i>Trypanosoma cruzi</i> epimastigotes. <i>General Pharmacology</i> , 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. <i>Pharmaceutical Research</i> , 2005, 22, 1642-1648.	3.5	18
69	Voltammetric Behavior of a 4-Nitroimidazole Derivative. <i>Journal of the Electrochemical Society</i> , 2005, 152, 146.	2.9	18
70	Polypyrrole Molecularly Imprinted Modified Glassy Carbon Electrode for the Recognition of Gallic Acid. <i>Journal of the Electrochemical Society</i> , 2013, 160, H243-H246.	2.9	18
71	A nitro radical anion formation from nifedipine: an electrochemical approach. <i>Chemico-Biological Interactions</i> , 1993, 89, 197-205.	4.0	17
72	Voltammetric study of ketorolac and its differential pulse polarographic determination in pharmaceuticals. <i>Talanta</i> , 1997, 44, 931-937.	5.5	17

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73	Reactivity of 1,4-Dihydropyridines Toward SIN-1-Derived Peroxynitrite. <i>Pharmaceutical Research</i> , 2004, 21, 1750-1757.	3.5	17
74	Structural effects on the reactivity 1,4-dihydropyridines with alkylperoxyl radicals and ABTS radical cation. <i>Bioorganic and Medicinal Chemistry</i> , 2004, 12, 2459-2468.	3.0	17
75	Adsorption of ochratoxin A (OTA) anodic oxidation product on glassy carbon electrodes in highly acidic reaction media: Its thermodynamic and kinetics characterization. <i>Electrochimica Acta</i> , 2010, 55, 771-778.	5.2	17
76	A simple derivatization of multiwalled carbon nanotubes with nitroaromatics in aqueous media: Modification with nitroso/hydroxylamine groups. <i>Electrochemistry Communications</i> , 2011, 13, 217-220.	4.7	17
77	Polarographic Analysis of Cephalexin. <i>Journal of Pharmaceutical Sciences</i> , 1978, 67, 1466-1467.	3.3	16
78	Electrochemical study of $\hat{I}^2$ -nitrostyrene derivatives: steric and electronic effects on their electroreduction. <i>Journal of Electroanalytical Chemistry</i> , 1999, 466, 90-98.	3.8	16
79	Polarographic Reduction of Megazol and Derivatives, and Its Polarographic, UV Spectrophotometric, and HPLC Determination. <i>Electroanalysis</i> , 2001, 13, 936-943.	2.9	16
80	Oxidation of C4-hydroxyphenyl 1,4-dihydropyridines in dimethylsulfoxide and its reactivity towards alkylperoxyl radicals in aqueous medium. <i>Bioorganic and Medicinal Chemistry</i> , 2007, 15, 4318-4326.	3.0	16
81	The effect of 5-substitution on the electrochemical behavior and antitubercular activity of PA-824. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2011, 21, 812-817.	2.2	16
82	Polarographic determination of ampicillin in capsules and tablets. <i>Talanta</i> , 1979, 26, 1039-1040.	5.5	15
83	Voltammetric and Chromatographic Assay of Trazodone. <i>Analytical Letters</i> , 1986, 19, 2307-2315.	1.8	15
84	Trypanosoma cruzi: Inhibition of Parasite Growth and Respiration by Oxazolo(thiazolo)pyridine Derivatives and Its Relationship to Redox Potential and Lipophilicity. <i>Experimental Parasitology</i> , 2001, 99, 1-6.	1.2	15
85	Reactivity of 1,4-Dihydropyridines toward Alkyl, Alkylperoxyl Radicals, and ABTS Radical Cation. <i>Chemical Research in Toxicology</i> , 2003, 16, 208-215.	3.3	15
86	Cyclic voltammetry and scanning electrochemical microscopy studies of the heterogeneous electron transfer reaction of some nitrosoaromatic compounds. <i>Electrochimica Acta</i> , 2007, 52, 4892-4898.	5.2	15
87	Determination of Nitrendipine with -Cyclodextrin Modified Carbon Paste Electrode. <i>Electroanalysis</i> , 2002, 14, 559-562.	2.9	14
88	Unexpected diastereotopic behaviour in the $\hat{A}^1H$ NMR spectrum of 1,4-dihydropyridine derivatives triggered by chiral and prochiral centres. <i>Journal of the Brazilian Chemical Society</i> , 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. <i>Journal of Electroanalytical Chemistry</i> , 2016, 765, 149-154.	3.8	14
90	Electrochemistry and XPS of 2,7-dinitro-9-fluorenone immobilized on multi-walled carbon nanotubes. <i>Journal of Solid State Electrochemistry</i> , 2016, 20, 1131-1137.	2.5	14

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91	Electrocatalytic oxidation of NADH in a new nanostructured interface with an entrapped butylpyrene nitroaromatic derivative. <i>Journal of Electroanalytical Chemistry</i> , 2019, 837, 48-54.	3.8	14
92	Electrochemical behaviour of pyrazine derivatives: reduction of 2-hydroxy-3-phenyl-6-methylpyrazine. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , 1988, 243, 133-142.	0.1	13
93	Enoxacin: Polarographic Behaviour and Its Determination in Pharmaceutical Forms. <i>Analytical Letters</i> , 1993, 26, 1943-1957.	1.8	13
94	Free Radical Formation and Characterization of Nitroanisole Isomer Reduction in Different Media. <i>Journal of the Electrochemical Society</i> , 2002, 149, E374.	2.9	13
95	Hydrolytic degradation of nitrendipine and nisoldipine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 28, 887-895.	2.8	13
96	Electrochemical reduction of C-4 nitrosophenyl 1,4-dihydropyridines and their parent C-4 nitrophenyl derivatives in protic media. <i>Journal of Electroanalytical Chemistry</i> , 2005, 580, 135-144.	3.8	13
97	Electrochemical oxidation of C4-vanillin- and C4-isovanillin-1,4-dihydropyridines in aprotic medium: Reactivity towards free radicals. <i>Journal of Electroanalytical Chemistry</i> , 2008, 622, 29-36.	3.8	13
98	Synthesis and electrochemical oxidation of hybrid compounds: dihydropyridine-fused coumarins. <i>Electrochimica Acta</i> , 2014, 125, 457-464.	5.2	13
99	Voltammetric Behaviour of CRE-319, A Novel Dihydropyridine Calcium Antagonist and Its Polarographic, UV Spectrophotometric and HPLC Determination. <i>Analytical Letters</i> , 1992, 25, 2225-2237.	1.8	12
100	Reactivity of the one-electron reduction product from nifedipine with relevant biological targets. <i>Chemico-Biological Interactions</i> , 1996, 101, 89-101.	4.0	12
101	Electrochemical reduction of 2,5-dimethoxy nitrobenzenes: nitro radical anion generation and biological activity. <i>Bioelectrochemistry</i> , 1998, 46, 21-28.	1.0	12
102	Electrochemical study of nitrostilbene derivatives: nitro group as a probe of the push-pull effect. <i>Journal of Electroanalytical Chemistry</i> , 2000, 492, 54-62.	3.8	12
103	Electrochemical reduction of nitroso compounds: voltammetric, UV-vis and EPR characterization of ortho- and meta-nitrosotoluene derivatives. <i>Journal of Electroanalytical Chemistry</i> , 2001, 506, 48-60.	3.8	12
104	Electrochemical and spectroelectrochemical behavior of the main photodegradation product of nifedipine: the nitrosopyridine derivative. <i>Pharmaceutical Research</i> , 2002, 19, 522-529.	3.5	12
105	Electrochemical reduction of 2-nitroimidazole in aprotic medium: Influence of its dissociation equilibrium on the reduction mechanism. <i>Electrochimica Acta</i> , 2006, 52, 511-518.	5.2	12
106	Electrochemical Approach to the Radical Anion Formation from 2-Hydroxy Chalcone Derivatives. <i>Electroanalysis</i> , 2006, 18, 521-525.	2.9	12
107	Anodic polarographic determination of flucloxacillin. <i>Talanta</i> , 1981, 28, 855-856.	5.5	11
108	Voltammetric Behaviour of Clonixin and its Differential Pulse Polarographic Determination in Tablets. <i>Analytical Letters</i> , 2000, 33, 53-68.	1.8	11

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109	Gas chromatography/mass spectrometric study of non-commercial C-4-substituted 1,4-dihydropyridines and their oxidized derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 2229-2238.	1.5	11
110	Synthesis of Some 3,4,5-Substituted 2,6-Dimethyl-1,4-dihydropyridines (4-DHPs). <i>Synthetic Communications</i> , 2007, 37, 2051-2060.	2.1	11
111	Study on the oxidation of C4-phenolic-1,4-dihydropyridines and its reactivity towards superoxide radical anion in dimethylsulfoxide. <i>Electrochimica Acta</i> , 2010, 56, 841-852.	5.2	11
112	Electrocatalytic determination of NADH by means of electrodes modified with MWCNTs and nitroaromatic compounds. <i>Microchemical Journal</i> , 2020, 159, 105422.	4.5	11
113	Polarography: a new tool in the elucidation of drug-albumin interactions. <i>Biochemical Pharmacology</i> , 1987, 36, 3531-3533.	4.4	10
114	Nitro radical anion formation from nifurtimox II: electrochemical evidence. <i>Bioelectrochemistry</i> , 1995, 38, 355-358.	1.0	10
115	Electrochemical reduction of nitrotetralones. <i>Journal of Electroanalytical Chemistry</i> , 1997, 420, 63-69.	3.8	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. <i>Journal of the Electrochemical Society</i> , 2000, 147, 3406.	2.9	10
117	Effects of 3-chloro-phenyl-1,4-dihydropyridine derivatives on Trypanosome cruzi epimastigotes. <i>Comparative Biochemistry and Physiology C, Comparative Pharmacology and Toxicology</i> , 2000, 125, 103-109.	0.5	10
118	Substituent Effects on the Electrochemistry and Photostability of Model Compounds of Calcium Channel Antagonist Drugs. <i>Journal of the Electrochemical Society</i> , 2001, 148, E399.	2.9	10
119	Nitro radical anions from megazol and related nitroimidazoles in aprotic media. A father-son type reaction triggered by an acidic proton. <i>Electrochimica Acta</i> , 2002, 47, 4045-4053.	5.2	10
120	Electrogenerated Nitro Radical Anions. <i>Journal of the Electrochemical Society</i> , 2004, 151, E322.	2.9	10
121	Electrochemical Reduction of 2-Nitroimidazole in Aqueous Mixed Medium. <i>Journal of the Electrochemical Society</i> , 2007, 154, F77.	2.9	10
122	Dihydropyridine-fused and pyridine-fused coumarins: Reduction on a glassy carbon electrode in dimethylformamide. <i>Electrochimica Acta</i> , 2012, 85, 336-344.	5.2	10
123	Electrochemical evidence for interaction between glutathione and ampicillin. <i>Bioelectrochemistry</i> , 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. <i>Analytica Chimica Acta</i> , 2011, 699, 33-43.	5.4	9
125	MULTIWALLED CARBON NANOTUBES MODIFIED ELECTRODES WITH ENCAPSULATED 1,4-DIHYDRO-PYRIDINE-4-NITROBENZENE SUBSTITUTED COMPOUNDS. <i>Journal of the Chilean Chemical Society</i> , 2014, 59, 2498-2501.	1.2	9
126	A non-conventional way to perform voltammetry. <i>Electrochemistry Communications</i> , 2017, 81, 61-64.	4.7	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.	3.3	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.	2.9	8
131	Nitro radical anion formation from nitrofuryl substituted 1,4-dihydropyridine derivatives in mixed and non-aqueous media. Bioelectrochemistry, 2006, 69, 104-112.	4.6	8
132	Reactivity of C4-indolyl substituted 1,4-dihydropyridines toward superoxide anion ( $O_2^{\cdot-}$ ) in dimethylsulfoxide. Journal of Physical Organic Chemistry, 2009, 22, 569-577.	1.9	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.	2.9	8
135	Electrocatalysis of NADH on 3,5-Dinitrobenzoic Acid Encapsulated on Multiwalled Carbon Nanotube-Modified Electrode. Electrocatalysis, 2016, 7, 357-361.	3.0	8
136	Nanostructured interfaces containing MWCNT and nitro aromatics: A new tool to determine Nimesulide. Microchemical Journal, 2020, 159, 105361.	4.5	8
137	Electroactive product from ampicillin. Talanta, 1980, 27, 621-621.	5.5	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.	1.8	7
141	Synthesis of New 4-Nitrosophenyl-1,4-dihydropyridines of Pharmacological Interest. Synthesis, 2003, 2003, 2781-2784.	2.3	7
142	Electrogeneration of nitranion species from nitrofuryl substituted 1,4-dihydropyridine derivatives. Electrochemistry Communications, 2005, 7, 53-57.	4.7	7
143	Voltammetric redox behavior of nitrofuryl 1,4-dihydropyridine derivatives: Interdependence between two redox centers. Journal of Electroanalytical Chemistry, 2006, 591, 99-104.	3.8	7
144	Analyses by GC-MS and GC-MS-MS of the hantzsch synthesis products using hydroxy- and methoxy-aromatic aldehydes. Journal of Pharmaceutical and Biomedical Analysis, 2007, 44, 236-242.	2.8	7

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