

Eric De S Gil

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1993493/publications.pdf>

Version: 2024-02-01

110
papers

1,726
citations

361045

20
h-index

360668

35
g-index

111
all docs

111
docs citations

111
times ranked

2359
citing authors

#	ARTICLE	IF	CITATIONS
1	Anxiolytic- and antidepressant-like effects of new phenylpiperazine derivative LQFM005 and its hydroxylated metabolite in mice. <i>Behavioural Brain Research</i> , 2022, 417, 113582.	1.2	3
2	Evaluation of Gastroprotective Activity of Linoleic Acid on Gastric Ulcer in a Mice Model. <i>Current Pharmaceutical Design</i> , 2022, 28, 655-660.	0.9	3
3	Evaluation of Antioxidant Potential of Commercial Cinnamon Samples and Its Vasculature Effects. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-13.	1.9	6
4	Impedimetric Immunosensor for On-Site Measurement of Rituximab from Invasive and Non-Invasive Samples. <i>Journal of the Electrochemical Society</i> , 2022, 169, 057529.	1.3	1
5	Voltammetric glassy carbon sensor approach for the extended stability studies of doxorubicin in lyophilized dosage form. <i>Ecletica Quimica</i> , 2022, 47, 32-38.	0.2	1
6	LQFM184: A Novel Wide Ultraviolet Radiation Range Absorber Compound. <i>Photochemistry and Photobiology</i> , 2021, 97, 360-371.	1.3	1
7	Starch adulteration in turmeric samples through multivariate analysis with infrared spectroscopy. <i>Food Chemistry</i> , 2021, 340, 127899.	4.2	13
8	Microencapsulation of jaboticaba extracts (<i>Myrciaria cauliflora</i>): Evaluation of their bioactive and thermal properties in cassava starch biscuits. <i>LWT - Food Science and Technology</i> , 2021, 137, 110460.	2.5	19
9	Enzymatic Electroanalytical Biosensor Based on <i>Maramiellus colocasiae</i> Fungus for Detection of Phytomarkers in Infusions and Green Tea Kombucha. <i>Biosensors</i> , 2021, 11, 91.	2.3	5
10	Altered electrochemistry of amiloride drug on boron-doped diamond electrode: Rapid and selective detection in urine by square-wave cathodic stripping voltammetry for application in doping control. <i>Electrochimica Acta</i> , 2021, 373, 137891.	2.6	14
11	Application of Electrocoagulation with a New Steel-Swarf-Based Electrode for the Removal of Heavy Metals and Total Coliforms from Sanitary Landfill Leachate. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 5009.	1.3	8
12	Antioxidant activity of thirty-six peppers varieties and vasorelaxant of selected varieties. <i>Food Bioscience</i> , 2021, 41, 100989.	2.0	7
13	Poly(Alizarin Red S) on pyrolytic graphite electrodes as a new multi-electronic system for sensing oxandrolone in urine. <i>Biosensors and Bioelectronics</i> , 2021, 185, 113234.	5.3	3
14	Arrowroot and Cassava Mixed Starch Products Identification by Raman Analysis with Chemometrics. <i>Polysaccharides</i> , 2021, 2, 715-719.	2.1	3
15	Drug identification by electroanalysis with multiple classification approaches. <i>Chinese Journal of Analytical Chemistry</i> , 2021, 49, 47-53.	0.9	1
16	Protective Effects of Grape Juice on Vascular Damage Induced by Chlorine Free Radical in Rats. <i>Preventive Nutrition and Food Science</i> , 2021, 26, 417-424.	0.7	0
17	DNA-Based Electrodes and Computational Approaches on the Intercalation Study of Antitumoral Drugs. <i>Molecules</i> , 2021, 26, 7623.	1.7	2
18	Electrocoagulation of the indigo carmine dye using electrodes produced from the compression of metallurgical filing wastes. <i>International Journal of Environmental Science and Technology</i> , 2020, 17, 1657-1662.	1.8	10

#	ARTICLE	IF	CITATIONS
19	Simultaneous Detection of Paracetamol, Ascorbic Acid, and Caffeine Using a Bismuth-Silver Nanosensor. <i>Electroanalysis</i> , 2020, 32, 3098-3107.	1.5	4
20	Anti-inflammatory and antinociceptive activity profile of a new lead compound – LQFM219. <i>International Immunopharmacology</i> , 2020, 88, 106893.	1.7	4
21	A New Strategy for the Analysis of Steroid Hormones in Industrial Wastewaters by Paper Spray Ionization Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 2250-2257.	1.2	8
22	Natural phenolic antioxidants electrochemistry: Towards a new food science methodology. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2020, 19, 1680-1726.	5.9	134
23	Impedimetric Biosensor for Bovine Herpesvirus Type 1 Antigen Detection. <i>Electroanalysis</i> , 2020, 32, 1100-1106.	1.5	7
24	Risks associated with pathogenic fungi isolated from surgical centers, intensive care units, and materials sterilization center in hospitals. Risks associated with pathogenic fungi isolated from critical hospital areas. <i>Medical Mycology</i> , 2020, 58, 881-886.	0.3	1
25	Electroanalysis Applied to Compatibility and Stability Assays of Drugs: Carvedilol Study Case. <i>Pharmaceuticals</i> , 2020, 13, 70.	1.7	1
26	Effective degradation of the antineoplastic doxorubicin by electrochemical oxidation on boron doped diamond. <i>Journal of Electroanalytical Chemistry</i> , 2020, 870, 114252.	1.9	11
27	Zidovudine Glycosylation by Filamentous Fungi Leads to a Better Redox Stability and Improved Cytotoxicity in B16F10 Murine Melanoma Cells. <i>Anti-Cancer Agents in Medicinal Chemistry</i> , 2020, 20, 1688-1694.	0.9	1
28	Development and Optimization of Solanum Lycocarpum Polyphenol Oxidase-Based Biosensor and Application towards Paracetamol Detection. <i>Advanced Pharmaceutical Bulletin</i> , 2020, 11, 469-476.	0.6	3
29	Raman Spectroscopy vs Voltammetry: A Voltammetric Approach to Elucidate Different Chemicals in a Range of Pharmaceutical Tablets. <i>Journal of the Electrochemical Society</i> , 2019, 166, H580-H586.	1.3	4
30	Electrochemical Characterization of Central Action Tricyclic Drugs by Voltammetric Techniques and Density Functional Theory Calculations. <i>Pharmaceuticals</i> , 2019, 12, 116.	1.7	9
31	Voltammetric Evaluation of Diclofenac Tablets Samples through Carbon Black-Based Electrodes. <i>Pharmaceuticals</i> , 2019, 12, 83.	1.7	18
32	Ecotoxicological assessment and electrochemical remediation of doxorubicin. <i>Ecotoxicology and Environmental Safety</i> , 2019, 179, 143-150.	2.9	18
33	Optimization of laccase-alginate-chitosan-based matrix toward 17 β -ethinylestradiol removal. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 375-383.	1.0	26
34	Determination of Methyldopa and Paracetamol in Pharmaceutical Samples by a Low Cost <i>Genipa americana</i> L. Polyphenol Oxidase Based Biosensor. <i>Advanced Pharmaceutical Bulletin</i> , 2019, 9, 416-422.	0.6	11
35	Predictive Modelling to Study the Electrochemical Behaviour of PdO, TiO ₂ and Perovskite-Type LaFeO ₃ Modified Carbon Paste Electrodes. <i>Traektoriã Nauki</i> , 2019, 5, 4001-4007.	0.1	9
36	Electrochemical remediation of industrial pharmaceutical wastewater containing hormones in a pilot scale treatment system. <i>Ecletica Quimica</i> , 2019, 44, 40.	0.2	6

#	ARTICLE	IF	CITATIONS
37	Electrochemical characterizations of darbufelone, a di-tert-butylphenol derivative, by voltammetric techniques and density functional theory calculations. <i>Electrochimica Acta</i> , 2018, 268, 462-468.	2.6	8
38	Electrochemical characterization of a novel nimesulide anti-inflammatory drug analog: LQFM-091. <i>Journal of Electroanalytical Chemistry</i> , 2018, 818, 92-96.	1.9	4
39	A new piperazine derivative: 1-(4-(3,5-di-tert-butyl-4-hydroxybenzyl) piperazin-1-yl)-2-methoxyethan-1-one with antioxidant and central activity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2018, 391, 255-269.	1.4	9
40	Antioxidant activity evaluation of dried herbal extracts: an electroanalytical approach. <i>Revista Brasileira De Farmacognosia</i> , 2018, 28, 325-332.	0.6	40
41	Selective Determination of Verapamil in Pharmaceuticals and Urine Using a Boron-doped Diamond Electrode Coupled to Flow Injection Analysis with Multiple-pulse Amperometric Detection. <i>Electroanalysis</i> , 2018, 30, 1880-1885.	1.5	14
42	Caryocar brasiliense induces vasorelaxation through endothelial Ca ²⁺ /calmodulin and PI3K/Akt/eNOS-dependent signaling pathways in rats. <i>Revista Brasileira De Farmacognosia</i> , 2018, 28, 678-685.	0.6	2
43	Neuroprotective Effect of <i>Caryocar brasiliense</i> Camb. Leaves Is Associated with Anticholinesterase and Antioxidant Properties. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-12.	1.9	22
44	Nanostructured TiO ₂ Carbon Paste Based Sensor for Determination of Methyl dopa. <i>Pharmaceuticals</i> , 2018, 11, 99.	1.7	13
45	Remediation of Nodularin-R via Electrochemical Removal Using Nanostructured PdO-TiO ₂ @Carbon Anodes. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 17376-17381.	3.2	1
46	Antioxidant and Neuroprotective Properties of <i>Eugenia dysenterica</i> Leaves. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-9.	1.9	16
47	Cupuaçu (<i>Theobroma grandiflorum</i>) residue and its potential application in the bioremediation of 17- β -ethinylestradiol as a <i>Pycnoporus sanguineus</i> laccase inducer. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 541-548.	1.0	20
48	The Use of a Polyphenoloxidase Biosensor Obtained from the Fruit of Jurubeba (<i>Solanum paniculatum</i>) Tj ETQq0 0 0 rgt /Overlock 10 T	2.3	10
49	Development of a Polyphenol Oxidase Biosensor from Jenipapo Fruit Extract (<i>Genipa americana</i> L.) and Determination of Phenolic Compounds in Textile Industrial Effluents. <i>Biosensors</i> , 2018, 8, 47.	2.3	17
50	TiO ₂ @C Nanostructured Electrodes for the Anodic Removal of Cocaine. <i>Electroanalysis</i> , 2018, 30, 2094-2098.	1.5	2
51	Electrochemical remediation of amoxicillin: detoxification and reduction of antimicrobial activity. <i>Chemico-Biological Interactions</i> , 2018, 291, 162-170.	1.7	11
52	Assessment of Noni (<i>Morinda citrifolia</i> L.) Product Authenticity by Solid State Voltammetry. <i>International Journal of Electrochemical Science</i> , 2018, 13, 8983-8994.	0.5	10
53	Differential Pulse Voltammetric Determination of Piroxicam on Lanthanide Ferric Oxide Nanoparticles-Carbon Paste Modified Electrode. <i>Current Pharmaceutical Analysis</i> , 2018, 14, 271-276.	0.3	9
54	Efficient electrochemical remediation of microcystin-LR in tap water using designer TiO ₂ @carbon electrodes. <i>Scientific Reports</i> , 2017, 7, 41326.	1.6	20

#	ARTICLE	IF	CITATIONS
55	Antioxidant and vasodilatory activity of commercial beers. <i>Journal of Functional Foods</i> , 2017, 34, 130-138.	1.6	43
56	A novel chalcone derivative, LQFM064, induces breast cancer cells death via p53, p21, KIT and PDGFRA. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 107, 1-15.	1.9	16
57	Electroanalysis and laccase-based biosensor on the determination of phenolic content and antioxidant power of honey samples. <i>Food Chemistry</i> , 2017, 237, 1118-1123.	4.2	34
58	Antioxidant Capacity and Total Phenol Content in Hop and Malt Commercial Samples. <i>Electroanalysis</i> , 2017, 29, 2788-2792.	1.5	10
59	Bio-electro oxidation of indigo carmine by using microporous activated carbon fiber felt as anode and bioreactor support. <i>Chemosphere</i> , 2017, 186, 519-526.	4.2	15
60	Pharmacological evaluation and molecular docking of new di-tert-butylphenol compound, LQFM-091, a new dual 5-LOX/COX inhibitor. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 106, 231-243.	1.9	9
61	Electroanalytical tools for antioxidant evaluation of red fruits dry extracts. <i>Food Chemistry</i> , 2017, 217, 326-331.	4.2	56
62	Radical Scavenger Capacity of Jaboticaba Fruit (<i>Myrciaria cauliflora</i>) and Its Biological Effects in Hypertensive Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	1.9	18
63	Electrochemical Behavior and Antioxidant Activity of Hibalactone. <i>International Journal of Electrochemical Science</i> , 2017, , 7956-7964.	0.5	4
64	Pencil and Paper Electrodes for Pharmaceutical Analyses. <i>Journal of Analytical & Pharmaceutical Research</i> , 2017, 4, .	0.3	1
65	DEVELOPMENT OF CHEMICALLY MODIFIED ELECTRODE WITH METHYLENE BLUE ANCHORED ONTO SILICA/NIOBIUM FOR SULFIDE ANALYSIS. <i>Periodico Tche Quimica</i> , 2017, 14, 155-161.	0.0	0
66	Electrochemical Behavior of Crude Extract of <i>Brosimum gaudchaudii</i> and Its Major Bioactives, Psoralen and Bergapten. <i>International Journal of Electrochemical Science</i> , 2016, 11, 9519-9528.	0.5	4
67	Efficient Enzyme-Free Biomimetic Sensors for Natural Phenol Detection. <i>Molecules</i> , 2016, 21, 1060.	1.7	5
68	Flavonoids electrochemical detection in fruit extracts and total antioxidant capacity evaluation. <i>Talanta</i> , 2016, 154, 284-291.	2.9	50
69	<i>Solanum melongena</i> polyphenol oxidase biosensor for the electrochemical analysis of paracetamol. <i>Preparative Biochemistry and Biotechnology</i> , 2016, 46, 850-855.	1.0	22
70	Photoprotective effect and acute oral systemic toxicity evaluation of the novel heterocyclic compound LQFM048. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2016, 161, 50-58.	1.7	3
71	Improved Detection of Ascorbic Acid with a Bismuth-Silver Nanosensor. <i>Food Analytical Methods</i> , 2016, 9, 2560-2566.	1.3	10
72	Electrochemical behavior of the cotinine at a boron-doped diamond electrode and its determination in saliva by multiple-pulse amperometry in an FIA system. <i>Electrochimica Acta</i> , 2016, 222, 331-337.	2.6	25

#	ARTICLE	IF	CITATIONS
73	Differential Pulse Voltammetric Determination of Albendazole and Mebendazole in Pharmaceutical Formulations Based on Modified Sonogel Carbon Paste Electrodes with Perovskite-Type LaFeO ₃ Nanoparticles. Journal of the Electrochemical Society, 2016, 163, B428-B434.	1.3	16
74	The vasorelaxant effect of gallic acid involves endothelium-dependent and -independent mechanisms. Vascular Pharmacology, 2016, 81, 69-74.	1.0	32
75	Electrochemical behavior and determination of major phenolic antioxidants in selected coffee samples. Food Chemistry, 2016, 190, 506-512.	4.2	82
76	Simultaneous Determination of Caffeine, Ibuprofen, and Paracetamol by Flow-Injection Analysis with Multiple-Pulse Amperometric Detection on Boron-Doped Diamond Electrode. Electroanalysis, 2015, 27, 2785-2791.	1.5	34
77	Vasorelaxant and Hypotensive Effects of Jaboticaba Fruit (<i>Myrciaria cauliflora</i>) Extract in Rats. Evidence-based Complementary and Alternative Medicine, 2015, 2015, 1-8.	0.5	16
78	Electroanalysis for Quality Control of Acerola (<i>Malpighia emarginata</i>) Fruits and their Commercial Products. Food Analytical Methods, 2015, 8, 86-92.	1.3	7
79	ELECTROCHEMICAL BEHAVIOR OF VULPINIC ACID AT GLASSY CARBON ELECTRODE. Revista Eletrônica De Farmácia, 2015, 12, 43.	0.3	0
80	Antioxidant potential and vasodilatory activity of fermented beverages of jaboticaba berry (<i>Myrciaria</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.8	50
81	Voltammetric and spectrometric determination of antioxidant capacity of selected wines. Electrochimica Acta, 2014, 128, 25-31.	2.6	71
82	METHODS USED IN EVALUATION OF THE SUN PROTECTION FACTOR OF SUNSCREENS. Revista Eletrônica De Farmácia, 2014, 11, .	0.3	1
83	Flavonoid electrochemistry: a review on the electroanalytical applications. Revista Brasileira De Farmacognosia, 2013, 23, 542-558.	0.6	140
84	Biosynthesis and antioxidant activity of 4NRC Î ² -glycoside. Tetrahedron Letters, 2013, 54, 6656-6659.	0.7	4
85	Biotransformation of LASSBio-579 and pharmacological evaluation of p -hydroxylated metabolite a N -phenylpiperazine antipsychotic lead compound. European Journal of Medicinal Chemistry, 2013, 62, 214-221.	2.6	14
86	Redox behaviour of verbascoside and rosmarinic acid. Combinatorial Chemistry and High Throughput Screening, 2013, 16, 92-7.	0.6	4
87	Cyclic voltammetry and computational chemistry studies on the evaluation of the redox behavior of parabens and other analogues. Journal of the Brazilian Chemical Society, 2012, 23, 565-572.	0.6	29
88	Hydroxyanthraquinones Carminic Acid and Chryszazin Anodic Oxidation. Electroanalysis, 2012, 24, 2079-2084.	1.5	11
89	Voltammetric determination of Rutin at Screen-Printed carbon disposable electrodes. Open Chemistry, 2012, 10, 1609-1616.	1.0	3
90	Guaicolcic spices curcumin and capsaicin electrochemical oxidation behaviour at a glassy carbon electrode. Journal of Electroanalytical Chemistry, 2012, 682, 83-89.	1.9	42

#	ARTICLE	IF	CITATIONS
91	Methoxylation and Glycosylation Effect on the Redox Mechanism of Citroflavones. <i>Electroanalysis</i> , 2012, 24, 1019-1026.	1.5	12
92	Anodic Behaviour of Flavonoids Orientin, Eriodictyol and Robinin at a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2012, 24, 1576-1583.	1.5	16
93	Chemoprotective effect of the tetrahydrofuran lignan grandisin in the in-vivo rodent micronucleus assay. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 63, 447-451.	1.2	10
94	Electrochemical Behavior and Determination of Fluconazole. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 767-771.	0.6	3
95	Voltametria de Pulso Diferencial (VPD) em estado sólido de manchas de Cromatografia de Camada Delgada (CCD): um novo método de análise para fitoativos antioxidantes. <i>Quimica Nova</i> , 2011, 34, 330-334.	0.3	7
96	Pharmacokinetic evaluation of LASSBio-579: an <i>N</i> -phenylpiperazine antipsychotic prototype. <i>Journal of Pharmacy and Pharmacology</i> , 2010, 60, 699-707.	1.2	33
97	Electrochemical biosensors in pharmaceutical analysis. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2010, 46, 375-391.	1.2	43
98	FLUORIMETRIA NA ANÁLISE FARMACÉUTICA: UMA REVISÃO. <i>Revista Eletrônica De Farmácia</i> , 2010, 7, .	0.3	0
99	Host-guest system of 4-nerolidylcatechol in 2-hydroxypropyl- β -cyclodextrin: preparation, characterization and molecular modeling. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 64, 23-35.	1.6	19
100	Biosensor Based on Brut Extract from Laccase (<i>Pycnoporus sanguineus</i>) for Environmental Analysis of Phenolic Compounds. <i>Portugaliae Electrochimica Acta</i> , 2009, 27, 215-225.	0.4	13
101	Aspectos técnicos e legais do gerenciamento de resíduos químico-farmacêuticos. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2007, 43, 19-29.	0.5	6
102	Electrochemical evaluation of rhodium dimer-DNA interactions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 29, 579-584.	1.4	21
103	Electrochemical properties of Doyle catalyst immobilized on carbon paste in the presence of DNA. <i>Bioelectrochemistry</i> , 2000, 51, 145-149.	2.4	14
104	Electrochemical behavior of rhodium acetamidate immobilized on a carbon paste electrode: a hydrazine sensor. <i>Journal of the Brazilian Chemical Society</i> , 2000, 11, 304-310.	0.6	11
105	Alguns aspectos de imunoenaios aplicados à química analítica. <i>Quimica Nova</i> , 1999, 22, 874.	0.3	8
106	Water Soluble Cyclophosphamide Adducts of Rhodium(II) Keto-Gluconate and Glucuronate. <i>Synthesis, Characterization and In Vitro Cytostatic Assays. Metal-Based Drugs</i> , 1999, 6, 19-24.	3.8	8
107	Potencialidades da utilização de compostos de ródio na confecção de sensores eletroquímicos: uma breve revisão. <i>Quimica Nova</i> , 1998, 21, 755-760.	0.3	4
108	Correlation of polyphenol content and antioxidant capacity of selected teas and tisanes from Brazilian market. <i>Brazilian Journal of Food Technology</i> , 0, 23, .	0.8	7

#	ARTICLE	IF	CITATIONS
109	Piroxicam voltammetric determination by ultra low cost pencil graphite electrode. Brazilian Journal of Pharmaceutical Sciences, 0, 56, .	1.2	4
110	Performance Evaluation of Active and Non-active Electrodes for Doxorubicin Electro-oxidation. KnE Engineering, 0, , .	0.1	1