

Carlos Andres Galan-Vidal

List of Publications by Year in descending order

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Version: 2024-02-01

41
papers

2,195
citations

686830

13
h-index

360668

35
g-index

42
all docs

42
docs citations

42
times ranked

3317
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical studies of anthocyanins: A review. <i>Food Chemistry</i> , 2009, 113, 859-871.	4.2	1,792
2	Mercury Ions Removal from Aqueous Solution Using an Activated Composite Membrane. <i>Environmental Science & Technology</i> , 2005, 39, 7667-7670.	4.6	46
3	Magnetic Solid Phase Extraction Applied to Food Analysis. <i>Journal of Chemistry</i> , 2015, 2015, 1-13.	0.9	40
4	Effect of evaporation on C 7 light hydrocarbon parameters. <i>Organic Geochemistry</i> , 2003, 34, 813-826.	0.9	38
5	Glucose biosensor based on a reagentless graphite-epoxy screen-printable biocomposite. <i>Sensors and Actuators B: Chemical</i> , 1997, 45, 55-62.	4.0	29
6	Optimization of microwave-solvothermal synthesis of Fe ₃ O ₄ nanoparticles. Coating, modification, and characterization. <i>Materials Chemistry and Physics</i> , 2018, 205, 113-119.	2.0	25
7	Composites: A novel alternative to construct solid state Ag/AgCl reference electrodes. <i>Sensors and Actuators B: Chemical</i> , 2005, 110, 264-270.	4.0	21
8	Phenol Removal Process Development from Synthetic Wastewater Solutions Using a Polymer Inclusion Membrane. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 4919-4923.	1.8	18
9	Review—Trends on the Development of Non-Enzymatic Electrochemical Sensors Modified with Metal-Oxide Nanostructures for the Quantification of Uric Acid. <i>Journal of the Electrochemical Society</i> , 2021, 168, 057522.	1.3	18
10	Potentiometric quantification of saccharin by using a selective membrane formed by pyrrole electropolymerization. <i>Food Chemistry</i> , 2010, 120, 1250-1254.	4.2	17
11	cis-Palladium(II) complexes of derivatives of di-(2-pyridyl)methane: Study of the influence of the bridge group in the coordination mode. <i>Polyhedron</i> , 2007, 26, 4825-4832.	1.0	16
12	Ternary Quantum Dots in Chemical Analysis. Synthesis and Detection Mechanisms. <i>Molecules</i> , 2021, 26, 2764.	1.7	16
13	Flow based determination of Cr(VI) by adsorptive cathodic stripping voltammetry on an immobilized magnetic poly(ionic liquid) modified electrode. <i>Talanta</i> , 2018, 183, 172-176.	2.9	13
14	Voltammetric determination of ibuprofen using a carbon paste “ multiwalled carbon nanotube composite electrode. <i>Instrumentation Science and Technology</i> , 2016, 44, 483-494.	0.9	12
15	Synthesis, characterization, and crystal structures of n-alkyldiorganodithiophosphates RS ₂ P(OC ₆ H ₄) ₂ . <i>Structural Chemistry</i> , 2010, 21, 191-196.	1.0	10
16	Review—Electrochemical Determination of Heavy Metals in Food and Drinking Water Using Electrodes Modified with Ion-Imprinted Polymers. <i>Journal of the Electrochemical Society</i> , 2021, 168, 067516.	1.3	10
17	Purification of Anthocyanins with o-Dihydroxy Arrangement by Sorption in Cationic Resins Charged with Fe(III). <i>Journal of Chemistry</i> , 2014, 2014, 1-9.	0.9	9
18	Voltammetric Quantification of Diclofenac Using a Modified CPE Enriched With TiO ₂ Nanoparticles and MWCNT. <i>Journal of the Electrochemical Society</i> , 2021, 168, 037502.	1.3	9

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19	Characterization of Main Anthocyanins Extracted from Pericarp Blue Corn by MALDI-ToF MS. Food Analytical Methods, 2010, 3, 12-16.	1.3	8
20	Influence on the Electroactive Area of the Electrode's Nature and the Transformed Redox Molecule. ECS Transactions, 2018, 84, 235-242.	0.3	7
21	Quantitative Analysis of Pb(II) Based on Differential Pulse Anodic Stripping Voltammetry and IIP-Carbon Paste Electrodes. Journal of the Electrochemical Society, 2022, 169, 057504.	1.3	7
22	Application of Multivariate Statistical Analysis to Simultaneous Spectrophotometric Enzymatic Determination of Glucose and Cholesterol in Serum Samples. International Journal of Analytical Chemistry, 2019, 2019, 1-5.	0.4	6
23	Selective Liquid-Liquid Extraction of Mercury(II) from Aqueous Solution by N-Alkyldithiophosphate Compounds $\text{CH}_3(\text{CH}_2)_n\text{S}_2\text{P}(\text{OC}_6\text{H}_4)_2$ ($n=4$) Tj ETQ	1.3	4
24	Optimization of a Differential Pulse Voltammetric Methodology for the Quantification of Diclofenac Using Paste Electrodes and Carbon Nanotubes. ECS Transactions, 2017, 76, 9-18.	0.3	4
25	Development of a Non-Enzymatic Glucose Sensor Based on Fe_2O_3 Nanoparticles-Carbon Paste Electrodes. Journal of the Electrochemical Society, 2022, 169, 067507.	1.3	4
26	Potentiometric Behavior of Diverse Polypyrrole-sulphate Films Electro Synthesized on Graphite - Epoxy Resin Composite. ECS Transactions, 2009, 20, 31-40.	0.3	2
27	Estudio de las Interacciones Ácido-Hásmico-Metales Pesados y Determinación de sus Constantes de Estabilidad por Electroforesis Capilar. Informacion Tecnologica (discontinued), 2011, 22, 45-54.	0.1	2
28	Evaluation of the use of solvent impregnated resins in the analysis of salbutamol in human urine followed by capillary electrophoresis. Reactive and Functional Polymers, 2016, 105, 89-94.	2.0	2
29	Size exclusion chromatography (SEC-HPLC) as an alternative to study thrombin inhibition. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1074-1075, 34-38.	1.2	2
30	Development of Cellulose Acetate Microcapsules with Cyanex 923 for Phenol Removal from Aqueous Media. Journal of Chemistry, 2018, 2018, 1-8.	0.9	2
31	Evaluation of activated composite membranes for the facilitated transport of phenol. E-Polymers, 2018, 18, 313-319.	1.3	2
32	Earliest Results in the Use of Activated Composite Membranes for the Transport of Silver Ions from Aqueous Solutions. Journal of Chemistry, 2014, 2014, 1-5.	0.9	1
33	Classification of Edible Vegetable Oil Degradation Using Multivariate Data Analysis From Electrochemical Techniques. Food Analytical Methods, 2021, 14, 2597-2606.	1.3	1
34	Selective Pb(II)-Imprinted Polymer for Solid Phase Extraction in the Trace Determination of Lead in Infant Formula by Capillary Electrophoresis. Journal of the Mexican Chemical Society, 2022, 66, .	0.2	1
35	Kinetics of Polypyrrole Films Doped with Sulphate Ions Electrodeposited Over Graphite - Epoxy Resin Electrode. ECS Transactions, 2009, 20, 385-392.	0.3	0
36	Influence of the Temperature on the Diffusion Coefficient Value during the Cobalt Electrodeposition on Different Substrates. Advanced Materials Research, 2014, 976, 144-147.	0.3	0

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37	Development and Optimization of a Voltammetric Methodology Based on Bismuth Film Electrodes with Potential Application for Aflatoxin B1 Analysis. ECS Transactions, 2018, 84, 229-234.	0.3	0
38	Biosensores multienzimáticos para el análisis multiparamétrico con un solo dispositivo. P&A,DI Bolet&A Cient&Afico De Ciencias B&A;sicas E Ingenier&Aas Del ICBI, 2021, 8, 42-47.	0.0	0
39	Electrochemical Determination of Pb(II) Using Carbon Paste Electrodes Modified with Ion Imprinted Polymers (IIPs). ECS Transactions, 2022, 106, 21-32.	0.3	0
40	Glucose Determination Using Non-Enzymatic Sensors Based on Fe ₂ O ₃ Nanoparticles. ECS Transactions, 2022, 106, 33-45.	0.3	0
41	Dise&A±o y evaluaci&A³n de sensores para su implementaci&A³n en el desarrollo de una lengua electr&A³nica. T&A³picos De Investigaci&A³n En Ciencias De La Tierra Y Materiales, 2018, 5, 168-174.	0.0	0