

Eugenia Gallardo

List of Publications by Year in descending order

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117
papers

2,730
citations

201385

27
h-index

233125

45
g-index

124
all docs

124
docs citations

124
times ranked

3255
citing authors

#	ARTICLE	IF	CITATIONS
1	Diosgenin: Recent Highlights on Pharmacology and Analytical Methodology. <i>Journal of Analytical Methods in Chemistry</i> , 2016, 2016, 1-16.	0.7	164
2	The role of alternative specimens in toxicological analysis. <i>Biomedical Chromatography</i> , 2008, 22, 795-821.	0.8	163
3	Antimicrobial activity and effects of resveratrol on human pathogenic bacteria. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1533-1538.	1.7	163
4	Cannabis and Its Secondary Metabolites: Their Use as Therapeutic Drugs, Toxicological Aspects, and Analytical Determination. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 31.	0.7	112
5	Strategies to improve the solubility and stability of stilbene antioxidants: A comparative study between cyclodextrins and bile acids. <i>Food Chemistry</i> , 2014, 145, 115-125.	4.2	77
6	Determination of seven selected antipsychotic drugs in human plasma using microextraction in packed sorbent and gas chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 3953-3963.	1.9	73
7	Hair: a complementary source of bioanalytical information in forensic toxicology. <i>Bioanalysis</i> , 2011, 3, 67-79.	0.6	61
8	Anti-Helicobacter pylori and urease inhibitory activities of resveratrol and red wine. <i>Food Research International</i> , 2011, 44, 964-969.	2.9	58
9	Novel synthetic opioids – toxicological aspects and analysis. <i>Forensic Sciences Research</i> , 2019, 4, 111-140.	0.9	55
10	Combinatorial delivery of Crizotinib-Palbociclib-Sildenafil using TPGS-PLA micelles for improved cancer treatment. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014, 88, 718-729.	2.0	53
11	Psilocybin as a New Approach to Treat Depression and Anxiety in the Context of Life-Threatening Diseases – A Systematic Review and Meta-Analysis of Clinical Trials. <i>Biomedicines</i> , 2020, 8, 331.	1.4	51
12	Determination of ketamine and its major metabolite, norketamine, in urine and plasma samples using microextraction by packed sorbent and gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1004, 67-78.	1.2	49
13	Current technologies and considerations for drug bioanalysis in oral fluid. <i>Bioanalysis</i> , 2009, 1, 637-667.	0.6	44
14	Bioanalytical procedures and recent developments in the determination of opiates/opioids in human biological samples. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 1665-1690.	1.9	44
15	Role of microextraction sampling procedures in forensic toxicology. <i>Bioanalysis</i> , 2012, 4, 1805-1826.	0.6	44
16	Mitragyna speciosa: Clinical, Toxicological Aspects and Analysis in Biological and Non-Biological Samples. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 35.	0.7	39
17	Bioanalytical methods for the determination of cocaine and metabolites in human biological samples. <i>Bioanalysis</i> , 2009, 1, 977-1000.	0.6	38
18	Determination of quinalphos in blood and urine by direct solid-phase microextraction combined with gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 832, 162-168.	1.2	36

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19	LC-MS: a powerful tool in workplace drug testing. <i>Drug Testing and Analysis</i> , 2009, 1, 109-115.	1.6	35
20	Determination of piperazine-type stimulants in human urine by means of microextraction in packed sorbent and high performance liquid chromatography-diode array detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 61, 93-99.	1.4	35
21	Development and Validation of an Analytical Method for the Determination of trans- and cis-Resveratrol in Wine: Analysis of Its Contents in 186 Portuguese Red Wines. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 2157-2168.	2.4	34
22	Application of solid phase microextraction to the determination of strychnine in blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 816, 29-34.	1.2	33
23	Rapid determination of piperazine-type stimulants in human urine by microextraction in packed sorbent after method optimization using a multivariate approach. <i>Journal of Chromatography A</i> , 2012, 1222, 116-120.	1.8	33
24	Co-delivery of Sildenafil (Viagra®) and Crizotinib for Synergistic and Improved Anti-tumoral Therapy. <i>Pharmaceutical Research</i> , 2014, 31, 2516-2528.	1.7	33
25	Organophosphorus pesticide determination in biological specimens: bioanalytical and toxicological aspects. <i>International Journal of Legal Medicine</i> , 2019, 133, 1763-1784.	1.2	32
26	Determination of Antiepileptic Drugs Using Dried Saliva Spots. <i>Journal of Analytical Toxicology</i> , 2019, 43, 61-71.	1.7	32
27	Sensitive determination of THC and main metabolites in human plasma by means of microextraction in packed sorbent and gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 63-73.	1.2	31
28	Determination of opiates in whole blood using microextraction by packed sorbent and gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1602, 1-10.	1.8	30
29	Analytical approach to determine biogenic amines in urine using microextraction in packed syringe and liquid chromatography coupled to electrochemical detection. <i>Biomedical Chromatography</i> , 2013, 27, 608-614.	0.8	28
30	Hair analysis for forensic applications: is the future bright?. <i>Bioanalysis</i> , 2014, 6, 1-3.	0.6	26
31	A unique natural selective kappa -opioid receptor agonist, salvinorin A, and its roles in human therapeutics. <i>Phytochemistry</i> , 2017, 137, 9-14.	1.4	26
32	Rapid analysis of cocaine and metabolites in urine using microextraction in packed sorbent and GC/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 2051-2063.	1.9	26
33	Determination of Organophosphorous Pesticides in Blood Using Microextraction in Packed Sorbent and Gas Chromatography-tandem Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2018, 42, 321-329.	1.7	26
34	Determination of parathion in biological fluids by means of direct solid-phase microextraction. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 1717-1726.	1.9	25
35	Recent Developments in New Therapeutic Agents against Alzheimer and Parkinson Diseases: In-Silico Approaches. <i>Molecules</i> , 2021, 26, 2193.	1.7	25
36	Determination of "new psychoactive substances" in postmortem matrices using microwave derivatization and gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1020, 14-23.	1.2	23

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37	Development and validation of a gas chromatography/tandem mass spectrometry method for simultaneous quantitation of several antipsychotics in human plasma and oral fluid. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 2081-2095.	0.7	23
38	Determination of antipsychotic drugs in oral fluid using dried saliva spots by gas chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 6141-6153.	1.9	23
39	Toxicological Aspects and Determination of the Main Components of Ayahuasca: A Critical Review. <i>Medicines (Basel, Switzerland)</i> , 2019, 6, 106.	0.7	23
40	Solid-phase microextraction for gas chromatographic/mass spectrometric analysis of dimethoate in human biological samples. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 865-869.	0.7	22
41	Assessment of the Bioaccessibility and Bioavailability of the Phenolic Compounds of <i>Prunus avium</i> L. by in Vitro Digestion and Cell Model. <i>ACS Omega</i> , 2019, 4, 7605-7613.	1.6	22
42	Solid-Phase Extraction and Gas Chromatographic-Mass Spectrometric Determination of the Veterinary Drug Xylazine in Human Blood. <i>Journal of Analytical Toxicology</i> , 2007, 31, 165-169.	1.7	21
43	Quantitative analysis of five sterols in amniotic fluid by GC-MS: Application to the diagnosis of cholesterol biosynthesis defects. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010, 878, 2130-2136.	1.2	21
44	Determination of methadone and EDDP in oral fluid using the dried saliva spots sampling approach and gas chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 2177-2187.	1.9	21
45	Bioanalytical procedures and developments in the determination of alcohol biomarkers in biological specimens. <i>Bioanalysis</i> , 2016, 8, 229-251.	0.6	20
46	Simultaneous Quantification of Antidepressants and Metabolites in Urine and Plasma Samples by GC-MS for Therapeutic Drug Monitoring. <i>Chromatographia</i> , 2017, 80, 301-328.	0.7	19
47	Determination of amphetamine-type stimulants in urine samples using microextraction by packed sorbent and gas chromatography-mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1120, 41-50.	1.2	19
48	Determination of eight selected organophosphorus insecticides in postmortem blood samples using solid-phase extraction and gas chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 3187-3194.	0.7	18
49	Determination of biomarkers of tobacco smoke exposure in oral fluid using solid-phase extraction and gas chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 889-890, 116-122.	1.2	18
50	Analysis of Salvinorin A in urine using microextraction in packed syringe and GC-MS/MS. <i>Bioanalysis</i> , 2013, 5, 661-668.	0.6	18
51	Determination of antipsychotic drugs in hospital and wastewater treatment plant samples by gas chromatography/tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1038, 127-135.	1.2	18
52	Determination of Selected Opiates in Hair Samples Using Microextraction by Packed Sorbent: A New Approach for Sample Clean-up. <i>Journal of Analytical Toxicology</i> , 2019, 43, 465-476.	1.7	18
53	The bitter taste receptor TAS2R14 regulates resveratrol transport across the human blood-cerebrospinal fluid barrier. <i>Biochemical Pharmacology</i> , 2020, 177, 113953.	2.0	18
54	Follicular Fluid: A Powerful Tool for the Understanding and Diagnosis of Polycystic Ovary Syndrome. <i>Biomedicines</i> , 2022, 10, 1254.	1.4	18

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55	Synthetic cannabinoids in biological specimens: a review of current analytical methods and sample preparation techniques. <i>Bioanalysis</i> , 2018, 10, 1609-1623.	0.6	17
56	Ayahuasca Beverages: Phytochemical Analysis and Biological Properties. <i>Antibiotics</i> , 2020, 9, 731.	1.5	17
57	Aptamer-Functionalized Gold Nanoparticles for Drug Delivery to Gynecological Carcinoma Cells. <i>Cancers</i> , 2021, 13, 4038.	1.7	17
58	An Update on the Implications of New Psychoactive Substances in Public Health. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 4869.	1.2	17
59	<i>Julbernardia paniculata</i> and <i>Pterocarpus angolensis</i> : From Ethnobotanical Surveys to Phytochemical Characterization and Bioactivities Evaluation. <i>Molecules</i> , 2020, 25, 1828.	1.7	16
60	Evaluation of the In Vitro Wound-Healing Activity and Phytochemical Characterization of Propolis and Honey. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1845.	1.3	16
61	Determination of ethyl glucuronide and fatty acid ethyl esters in hair samples. <i>Biomedical Chromatography</i> , 2017, 31, e3858.	0.8	15
62	The role of liquid-phase microextraction techniques in bioanalysis. <i>Bioanalysis</i> , 2015, 7, 2195-2201.	0.6	14
63	Effects of <i>Hypericum perforatum</i> extract and its main bioactive compounds on the cytotoxicity and expression of CYP1A2 and CYP2D6 in hepatic cells. <i>Life Sciences</i> , 2016, 144, 30-36.	2.0	14
64	Psychoactive Substances of Natural Origin: Toxicological Aspects, Therapeutic Properties and Analysis in Biological Samples. <i>Molecules</i> , 2021, 26, 1397.	1.7	14
65	Wine Spirit Ageing with Chestnut Staves under Different Micro-Oxygenation Strategies: Effects on the Volatile Compounds and Sensory Profile. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3991.	1.3	14
66	Epidural washout with high volumes of saline to accelerate recovery from epidural anaesthesia. <i>Acta Anaesthesiologica Scandinavica</i> , 2001, 45, 893-898.	0.7	12
67	Determination of Furosemide in Whole Blood using SPE and GC-EI-MS. <i>Journal of Analytical Toxicology</i> , 2005, 29, 309-313.	1.7	12
68	A validated procedure for detection and quantitation of salvinorin a in pericardial fluid, vitreous humor, whole blood and plasma using solid phase extraction and gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1304, 203-210.	1.8	12
69	New analytical approach to determine organophosphorus insecticides in blood by dried matrix spots sampling and GC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7955-7964.	1.9	12
70	Evaluation of the Cytotoxicity of Ayahuasca Beverages. <i>Molecules</i> , 2020, 25, 5594.	1.7	12
71	Recent Developments in the Determination of Biomarkers of Tobacco Smoke Exposure in Biological Specimens: A Review. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 1768.	1.2	12
72	Nanoaggregate-forming lipid-conjugated AS1411 aptamer as a promising tumor-targeted delivery system of anticancer agents in vitro. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 36, 102429.	1.7	12

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73	Microextraction by Packed Sorbent as a Novel Strategy for Sample Clean-Up in the Determination of Methadone and EDDP in Hair. <i>Journal of Analytical Toxicology</i> , 2020, 44, 840-850.	1.7	12
74	Determination of Strychnine in Human Blood using Solid-Phase Extraction and GC-El-MS. <i>Journal of Analytical Toxicology</i> , 2005, 29, 383-386.	1.7	11
75	Assessing cocaine abuse using LC-MS/MS measurements in biological specimens. <i>Bioanalysis</i> , 2015, 7, 1497-1525.	0.6	11
76	Determination of melatonin levels in different cherry cultivars by high-performance liquid chromatography coupled to electrochemical detection. <i>European Food Research and Technology</i> , 2017, 243, 1749-1757.	1.6	11
77	Massive intoxication involving unusual high concentration of amitriptyline. <i>Human and Experimental Toxicology</i> , 2007, 26, 667-670.	1.1	10
78	Opioid Use in Pregnant Women and Neonatal Abstinence Syndrome—A Review of the Literature. <i>Toxics</i> , 2019, 7, 9.	1.6	10
79	Design and Characterization of Bioactive Bilayer Films: Release Kinetics of Isopropyl Palmitate. <i>Antibiotics</i> , 2020, 9, 443.	1.5	10
80	New Method for the Monitoring of Antidepressants in Oral Fluid Using Dried Spot Sampling. <i>Pharmaceuticals</i> , 2021, 14, 1284.	1.7	10
81	What are the recent advances in forensic oral fluid bioanalysis?. <i>Bioanalysis</i> , 2013, 5, 2077-2079.	0.6	9
82	Determination of New Psychoactive Substances in Whole Blood Using Microwave Fast Derivatization and Gas Chromatography/Mass Spectrometry. <i>Journal of Analytical Toxicology</i> , 2020, 44, 92-102.	1.7	9
83	Alcohol consumption assessment in a student population through combined hair analysis for ethyl glucuronide and fatty acid ethyl esters. <i>Forensic Science International</i> , 2019, 294, 39-47.	1.3	9
84	A review of current bioanalytical approaches in sample pretreatment techniques for the determination of antidepressants in biological specimens. <i>Reviews in Analytical Chemistry</i> , 2021, 40, 12-32.	1.5	9
85	New miniaturized clean-up procedure for hair samples by means of microextraction by packed sorbent: determination of cocaine and metabolites. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7963-7976.	1.9	9
86	Recent bioanalytical methods for the determination of new psychoactive substances in biological specimens. <i>Bioanalysis</i> , 2020, 12, 1557-1595.	0.6	8
87	Insights into the Bioactivities and Chemical Analysis of <i>Ailanthus altissima</i> (Mill.) Swingle. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 11331.	1.3	8
88	Caffeine Content of Retail Market Coffee in Portugal. <i>Food Analytical Methods</i> , 2009, 2, 251-256.	1.3	7
89	Determination of N,N-dimethyltryptamine and beta-carbolines in plants used to prepare ayahuasca beverages by means of solid-phase extraction and gas-chromatography-mass spectrometry. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	7
90	Eustigmatophyte strains with potential interest in cancer prevention and treatment: partial chemical characterization and evaluation of cytotoxic and antioxidant activity. <i>Biotechnology Letters</i> , 2021, 43, 1487-1502.	1.1	7

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91	Analytical approach to determine ticlopidine in post-mortem blood. <i>Forensic Science International</i> , 2006, 162, 121-125.	1.3	6
92	Effects of <i>Hypericum perforatum</i> hydroalcoholic extract, hypericin, and hyperforin on cytotoxicity and CYP3A4 mRNA expression in hepatic cell lines: a comparative study. <i>Medicinal Chemistry Research</i> , 2016, 25, 2999-3010.	1.1	6
93	Development and validation of a HPLC-DAD method for quantification of phenolic compounds in different sweet cherry cultivars. <i>SN Applied Sciences</i> , 2019, 1, 1.	1.5	6
94	Stability of Cocaine, Opiates, and Metabolites in Dried Saliva Spots. <i>Molecules</i> , 2022, 27, 641.	1.7	6
95	Advances in Membrane-Bound Catechol-O-Methyltransferase Stability Achieved Using a New Ionic Liquid-Based Storage Formulation. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7264.	1.8	6
96	Determination of ethyl glucuronide in hair to assess excessive alcohol consumption in a student population. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2027-2034.	1.9	5
97	Characterisation of the Phenolic Profile of <i>Acacia retinodes</i> and <i>Acacia mearnsii</i> Flowers Extracts. <i>Plants</i> , 2022, 11, 1442.	1.6	5
98	<i>Salvia divinorum</i> : toxicological aspects and analysis in human biological specimens. <i>Bioanalysis</i> , 2016, 8, 1415-1425.	0.6	4
99	Trends in microextraction approaches for handling human hair extracts - A review. <i>Analytica Chimica Acta</i> , 2021, 1185, 338792.	2.6	4
100	In Vitro Study of the Bioavailability and Bioaccessibility of the Main Compounds Present in Ayahuasca Beverages. <i>Molecules</i> , 2021, 26, 5555.	1.7	4
101	Cytotoxic Effects of Salvinorin A, A Major Constituent of <i>Salvia divinorum</i> . <i>Medicinal Chemistry</i> , 2016, 12, 432-440.	0.7	4
102	Discovery of Small Molecules as Membrane-Bound Catechol-O-methyltransferase Inhibitors with Interest in Parkinson's Disease: Pharmacophore Modeling, Molecular Docking and In Vitro Experimental Validation Studies. <i>Pharmaceuticals</i> , 2022, 15, 51.	1.7	4
103	Analysis of opiates in urine using microextraction by packed sorbent and gas Chromatography- Tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1207, 123361.	1.2	4
104	Variations in headspace microextraction procedures and current applications in bioanalysis. <i>Bioanalysis</i> , 2015, 7, 2235-2240.	0.6	3
105	Potential Applications of the <i>Cytisus</i> Shrub Species: <i>Cytisus multiflorus</i> , <i>Cytisus scoparius</i> , and <i>Cytisus striatus</i> . <i>Processes</i> , 2022, 10, 1287.	1.3	3
106	Portuguese Validated Versions of the Alcohol Use Disorders Identification Test: A Systematic Review Protocol. <i>Acta Medica Portuguesa</i> , 2022, 35, 264-269.	0.2	2
107	<i>Valeriana</i> spp.: Biological Activities and New In vitro and In vivo Perspectives. <i>Current Bioactive Compounds</i> , 2020, 16, 210-242.	0.2	2
108	Optimization and validation of a procedure using the dried saliva spots approach for the determination of tobacco markers in oral fluid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 212, 114648.	1.4	2

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109	Secondary Metabolites and Their Applications. Applied Sciences (Switzerland), 2022, 12, 2317.	1.3	2
110	Editorial: Current Analytical Trends in Drug Testing in Clinical and Forensic Toxicology. Frontiers in Chemistry, 2021, 9, 673397.	1.8	1
111	An Improved HPLC Method for Quantification of Metanephrine with Coulometric Detection. Journal of Chromatography & Separation Techniques, 2014, 05, .	0.2	1
112	Drug Formulations for Localized Treatment of Human Papillomavirus-Induced Lesions. Journal of Pharmaceutical Sciences, 2022, 111, 2230-2238.	1.6	1
113	New approach for sample clean-up using microextraction by packed sorbent to determine methadone and EDDP in hair samples. Toxicologie Analytique Et Clinique, 2019, 31, S82.	0.1	0
114	Liquid chromatographyâ€“mass spectrometry as a tool to identify adulteration in different food industries. , 2021, , 123-180.		0
115	Dried Urine Spots as a Sampling Approach for the Determination of Organophosphorus Insecticides by Gas Chromatography Tandem Mass Spectrometry. Methods in Pharmacology and Toxicology, 2022, , 167-175.	0.1	0
116	Microextraction by Packed Sorbent. , 2021, , 71-115.		0
117	Advances on Bioanalysis: Recent Approaches in the Determination of Biomarkers, Drugs of Abuse and Medicines. Molecules, 2022, 27, 3188.	1.7	0