

Francisco J Lara

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

1,841
citations

218677

26
h-index

265206

42
g-index

53
all docs

53
docs citations

53
times ranked

2014
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemiluminescence detection in liquid chromatography: Applications to clinical, pharmaceutical, environmental and food analysis—A review. <i>Analytica Chimica Acta</i> , 2009, 640, 7-28.	5.4	155
2	Multiresidue Method for the Determination of Quinolone Antibiotics in Bovine Raw Milk by Capillary Electrophoresis—Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 7665-7673.	6.5	140
3	Determination of aminoglycosides in honey by capillary electrophoresis tandem mass spectrometry and extraction with molecularly imprinted polymers. <i>Analytica Chimica Acta</i> , 2015, 891, 321-328.	5.4	122
4	Applications of capillary electrophoresis to the determination of antibiotics in food and environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 967-986.	3.7	81
5	Advances in the determination of β -lactam antibiotics by liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 38, 52-66.	11.4	74
6	Salting-out assisted liquid—liquid extraction combined with capillary HPLC for the determination of sulfonyleurea herbicides in environmental water and banana juice samples. <i>Talanta</i> , 2014, 127, 51-58.	5.5	70
7	Vortex-assisted ionic liquid dispersive liquid—liquid microextraction for the determination of sulfonyleurea herbicides in wine samples by capillary high-performance liquid chromatography. <i>Food Chemistry</i> , 2015, 170, 348-353.	8.2	70
8	Determination of sulfonamide residues in water samples by in-line solid-phase extraction-capillary electrophoresis. <i>Journal of Chromatography A</i> , 2009, 1216, 3372-3379.	3.7	64
9	Molecularly imprinted polymer as in-line concentrator in capillary electrophoresis coupled with mass spectrometry for the determination of quinolones in bovine milk samples. <i>Journal of Chromatography A</i> , 2014, 1360, 1-8.	3.7	63
10	Evaluation of dispersive liquid—liquid microextraction for the determination of patulin in apple juices using micellar electrokinetic capillary chromatography. <i>Food Control</i> , 2013, 31, 353-358.	5.5	62
11	In—line solid—phase extraction preconcentration in capillary electrophoresis—tandem mass spectrometry for the multiresidue detection of quinolones in meat by pressurized liquid extraction. <i>Electrophoresis</i> , 2008, 29, 2117-2125.	2.4	59
12	Chemiluminescence detection coupled to capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 973-986.	11.4	58
13	Applications of capillary electrophoresis with chemiluminescence detection in clinical, environmental and food analysis. A review. <i>Analytica Chimica Acta</i> , 2016, 913, 22-40.	5.4	57
14	Determination of thiazinamium, promazine and promethazine in pharmaceutical formulations using a CZE method. <i>Analytica Chimica Acta</i> , 2005, 535, 101-108.	5.4	54
15	Analytical applications of photoinduced chemiluminescence in flow systems—A review. <i>Analytica Chimica Acta</i> , 2010, 679, 17-30.	5.4	53
16	Development and validation of a capillary electrophoresis method for the determination of phenothiazines in human urine in the low nanogram per milliliter concentration range using field-amplified sample injection. <i>Electrophoresis</i> , 2005, 26, 2418-2429.	2.4	50
17	Advances and analytical applications in chemiluminescence coupled to capillary electrophoresis. <i>Electrophoresis</i> , 2010, 31, 1998-2027.	2.4	45
18	Collision cross section (CCS) as a complementary parameter to characterize human and veterinary drugs. <i>Analytica Chimica Acta</i> , 2018, 1043, 52-63.	5.4	43

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19	Determination of phenothiazines in pharmaceutical formulations and human urine using capillary electrophoresis with chemiluminescence detection. <i>Electrophoresis</i> , 2006, 27, 2348-2359.	2.4	40
20	Evaluation of a molecularly imprinted polymer as an on-line concentrator in capillary electrophoresis. <i>Electrophoresis</i> , 2008, 29, 3834-3841.	2.4	38
21	On-line anion exchange solid-phase extraction coupled to liquid chromatography with fluorescence detection to determine quinolones in water and human urine. <i>Journal of Chromatography A</i> , 2013, 1310, 91-97.	3.7	34
22	Trends in the analytical applications of chemiluminescence in the liquid phase. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 387, 165-169.	3.7	32
23	Advances in the application of chemiluminescence detection in liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 75, 35-48.	11.4	32
24	Retention and selectivity of basic drugs on solid-phase extraction sorbents: Application to direct determination of β -blockers in urine. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 4207-4215.	3.7	29
25	Hollow fiber liquid phase microextraction combined with capillary HPLC for the selective determination of six sulfonylurea herbicides in environmental waters. <i>Journal of Separation Science</i> , 2013, 36, 3395-3401.	2.5	28
26	A natural deep eutectic solvent as a novel dispersive solvent in dispersive liquid-liquid microextraction based on solidification of floating organic droplet for the determination of pesticide residues. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6413-6424.	3.7	28
27	Determination of benzimidazoles in meat samples by capillary zone electrophoresis tandem mass spectrometry following dispersive liquid-liquid microextraction. <i>Journal of Chromatography A</i> , 2017, 1490, 212-219.	3.7	26
28	Evaluation of direct analysis in real time for the determination of highly polar pesticides in lettuce and celery using modified Quick Polar Pesticides Extraction method. <i>Journal of Chromatography A</i> , 2017, 1496, 37-44.	3.7	26
29	Green and simple analytical method to determine benzimidazoles in milk samples by using salting-out assisted liquid-liquid extraction and capillary liquid chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1091, 46-52.	2.3	24
30	Determination of sulfonamides in serum by on-line solid-phase extraction coupled to liquid chromatography with photoinduced fluorescence detection. <i>Talanta</i> , 2015, 138, 258-262.	5.5	19
31	Determination of 5-nitroimidazole residues in milk by capillary electrochromatography with packed C18 silica beds. <i>Talanta</i> , 2015, 144, 542-550.	5.5	19
32	High-Performance Liquid Chromatography Method for the Monitoring of the Allium Derivative Propyl Propane Thiosulfonate Used as Natural Additive in Animal Feed. <i>Food Analytical Methods</i> , 2015, 8, 916-921.	2.6	15
33	Coupling sweeping-micellar electrokinetic chromatography with tandem mass spectrometry for the therapeutic monitoring of benzimidazoles in animal urine by dilute and shoot. <i>Talanta</i> , 2017, 175, 542-549.	5.5	15
34	Multiclass cyanotoxin analysis in reservoir waters: Tandem solid-phase extraction followed by zwitterionic hydrophilic interaction liquid chromatography-mass spectrometry. <i>Talanta</i> , 2022, 237, 122929.	5.5	15
35	Monitoring of cyanotoxins in water from hypersaline microalgae colonies by ultra high performance liquid chromatography with diode array and tandem mass spectrometry detection following salting-out liquid-liquid extraction. <i>Journal of Chromatography A</i> , 2019, 1608, 460409.	3.7	13
36	Micellar electrokinetic chromatography as efficient alternative for the multiresidue determination of seven neonicotinoids and 6-chloronicotinic acid in environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6231-6240.	3.7	11

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37	Sweeping-micellar electrokinetic chromatography with tandem mass spectrometry as an alternative methodology to determine neonicotinoid and boscalid residues in pollen and honeybee samples. <i>Journal of Chromatography A</i> , 2022, 1672, 463023.	3.7	11
38	Ultra-high performance liquid chromatography with fluorescence detection following salting-out assisted liquid-liquid extraction for the analysis of benzimidazole residues in farm fish samples. <i>Journal of Chromatography A</i> , 2018, 1543, 58-66.	3.7	10
39	Capillary liquid chromatography as an effective method for the determination of seven neonicotinoid residues in honey samples. <i>Journal of Separation Science</i> , 2020, 43, 3847-3855.	2.5	9
40	A novel approach based on capillary liquid chromatography for the simultaneous determination of neonicotinoid residues in cereal samples. <i>Microchemical Journal</i> , 2021, 161, 105756.	4.5	9
41	Flip-Chip Bonded GaP Photodiodes for Detection of 400- to 480-nm Fluorescence. <i>IEEE Photonics Technology Letters</i> , 2011, 23, 878-880.	2.5	8
42	Dispersive Liquid-Liquid Microextraction Followed by Capillary High-Performance Liquid Chromatography for the Determination of Six Sulfonylurea Herbicides in Fruit Juices. <i>Food Analytical Methods</i> , 2013, 7, 1465.	2.6	6
43	A first approach using micellar electrokinetic capillary chromatography for the determination of fipronil and fipronil-sulfone in eggs. <i>Electrophoresis</i> , 2020, 41, 202-208.	2.4	6
44	Determination of the Main Ergot Alkaloids and Their Epimers in Oat-Based Functional Foods by Ultra-High Performance Liquid Chromatography Tandem Mass Spectrometry. <i>Molecules</i> , 2021, 26, 3717.	3.8	6
45	Nanofibrous Online Solid-Phase Extraction Coupled with Liquid Chromatography for the Determination of Neonicotinoid Pesticides in River Waters. <i>Membranes</i> , 2022, 12, 648.	3.0	5
46	Food Safety Applications of Capillary Electromigration Methods. , 2018, , 511-545.		3
47	Simple and efficient method for the determination of fipronil and two main metabolites in eggs by capillary liquid chromatography. <i>Microchemical Journal</i> , 2021, 169, 106595.	4.5	1
48	Fluorescence Detection 400-480nm Using Microfluidic System Integrated GaP Photodiodes. <i>Advances in OptoElectronics</i> , 2011, 2011, 1-4.	0.6	0
49	Capillary Electrophoresis Food Chemistry Applications. , 2018, , .		0
50	Chemical Food Safety Applications of Capillary Electrophoresis Methodologies. <i>Current and Future Developments in Food Science</i> , 2022, , 388-449.	0.1	0