

Francisco J Lara

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

49
papers

1,535
citations

24
h-index

39
g-index

53
ext. papers

1,663
ext. citations

5.2
avg, IF

4.63
L-index

#	Paper	IF	Citations
49	Multiclass cyanotoxin analysis in reservoir waters: Tandem solid-phase extraction followed by zwitterionic hydrophilic interaction liquid chromatography-mass spectrometry. <i>Talanta</i> , 2022 , 237, 1229-1239	6.2	3
48	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	4.5	2
47	Chemical Food Safety Applications of Capillary Electrophoresis Methodologies. <i>Current and Future Developments in Food Science</i> , 2022 , 388-449	1	
46	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	4.8	1
45	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	4.4	7
44	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	4.8	0
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	3.6	3
42	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	4.4	7
41	Trends in Multiresidue Analysis 2020 , 1-48		
40	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	3.4	3
39	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	4.5	9
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	4.5	8
37	Food Safety Applications of Capillary Electromigration Methods 2018 , 511-545		3
36	Collision cross section (CCS) as a complementary parameter to characterize human and veterinary drugs. <i>Analytica Chimica Acta</i> , 2018 , 1043, 52-63	6.6	23
35	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	3.2	18
34	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	4.5	20
33	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	4.5	18

32	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	6.2	11
31	Advances in the application of chemiluminescence detection in liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2016 , 75, 35-48	14.6	27
30	Applications of capillary electrophoresis with chemiluminescence detection in clinical, environmental and food analysis. A review. <i>Analytica Chimica Acta</i> , 2016 , 913, 22-40	6.6	46
29	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	6.2	18
28	Determination of 5-nitroimidazole residues in milk by capillary electrochromatography with packed C18 silica beds. <i>Talanta</i> , 2015 , 144, 542-50	6.2	16
27	Determination of aminoglycosides in honey by capillary electrophoresis tandem mass spectrometry and extraction with molecularly imprinted polymers. <i>Analytica Chimica Acta</i> , 2015 , 891, 321-8	6.6	92
26	Vortex-assisted ionic liquid dispersive liquid-liquid microextraction for the determination of sulfonylurea herbicides in wine samples by capillary high-performance liquid chromatography. <i>Food Chemistry</i> , 2015 , 170, 348-53	8.5	61
25	Trends in Multiresidue Analysis 2015 , 1-39		3
24	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	3.4	15
23	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	4.5	56
22	Salting-out assisted liquid-liquid extraction combined with capillary HPLC for the determination of sulfonylurea herbicides in environmental water and banana juice samples. <i>Talanta</i> , 2014 , 127, 51-8	6.2	56
21	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, 4207-15	4.4	27
20	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, 3395-401	3.4	28
19	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	3.4	4
18	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, 91-7	4.5	33
17	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	6.2	53
16	Advances in the determination of β lactam antibiotics by liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 38, 52-66	14.6	65
15	Fluorescence Detection 400-80 nm Using Microfluidic System Integrated GaP Photodiodes. <i>Advances in OptoElectronics</i> , 2011 , 2011, 1-4	0.5	

14	Flip-Chip Bonded GaP Photodiodes for Detection of 400- to 480-nm Fluorescence. <i>IEEE Photonics Technology Letters</i> , 2011 , 23, 878-880	2.2	5
13	Advances and analytical applications in chemiluminescence coupled to capillary electrophoresis. <i>Electrophoresis</i> , 2010 , 31, 1998-2027	3.6	44
12	Analytical applications of photoinduced chemiluminescence in flow systems--a review. <i>Analytica Chimica Acta</i> , 2010 , 679, 17-30	6.6	48
11	Chemiluminescence detection in liquid chromatography: applications to clinical, pharmaceutical, environmental and food analysis--a review. <i>Analytica Chimica Acta</i> , 2009 , 640, 7-28	6.6	138
10	Applications of capillary electrophoresis to the determination of antibiotics in food and environmental samples. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 967-86	4.4	74
9	Determination of sulfonamide residues in water samples by in-line solid-phase extraction-capillary electrophoresis. <i>Journal of Chromatography A</i> , 2009 , 1216, 3372-9	4.5	58
8	Chemiluminescence detection coupled to capillary electrophoresis. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 973-986	14.6	54
7	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, 2117-25	3.6	56
6	Evaluation of a molecularly imprinted polymer as in-line concentrator in capillary electrophoresis. <i>Electrophoresis</i> , 2008 , 29, 3834-41	3.6	38
5	Trends in the analytical applications of chemiluminescence in the liquid phase. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 387, 165-9	4.4	30
4	Determination of phenothiazines in pharmaceutical formulations and human urine using capillary electrophoresis with chemiluminescence detection. <i>Electrophoresis</i> , 2006 , 27, 2348-59	3.6	36
3	Multiresidue method for the determination of quinolone antibiotics in bovine raw milk by capillary electrophoresis-tandem mass spectrometry. <i>Analytical Chemistry</i> , 2006 , 78, 7665-73	7.8	126
2	Determination of thiazinamium, promazine and promethazine in pharmaceutical formulations using a CZE method. <i>Analytica Chimica Acta</i> , 2005 , 535, 101-108	6.6	45
1	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, 2418-29	3.6	45