Francisco J Lara

List of Publications by Citations

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	Chemiluminescence detection in liquid chromatography: applications to clinical, pharmaceutical, environmental and food analysis--a review. *Analytica Chimica Acta*, **2009**, 640, 7-28	6.6	138
48	Multiresidue method for the determination of quinolone antibiotics in bovine raw milk by capillary electrophoresis-tandem mass spectrometry. *Analytical Chemistry*, **2006**, 78, 7665-73	7.8	126
47	Determination of aminoglycosides in honey by capillary electrophoresis tandem mass spectrometry and extraction with molecularly imprinted polymers. *Analytica Chimica Acta*, **2015**, 891, 321-8	6.6	92
46	Applications of capillary electrophoresis to the determination of antibiotics in food and environmental samples. *Analytical and Bioanalytical Chemistry*, **2009**, 395, 967-86	4.4	74
45	Advances in the determination of β-lactam antibiotics by liquid chromatography. *TrAC - Trends in Analytical Chemistry*, **2012**, 38, 52-66	14.6	65
44	Vortex-assisted ionic liquid dispersive liquid-liquid microextraction for the determination of sulfonylurea herbicides in wine samples by capillary high-performance liquid chromatography. *Food Chemistry*, **2015**, 170, 348-53	8.5	61
43	Determination of sulfonamide residues in water samples by in-line solid-phase extraction-capillary electrophoresis. *Journal of Chromatography A*, **2009**, 1216, 3372-9	4.5	58
42	Molecularly imprinted polymer as in-line concentrator in capillary electrophoresis coupled with mass spectrometry for the determination of quinolones in bovine milk samples. *Journal of Chromatography A*, **2014**, 1360, 1-8	4.5	56
41	Salting-out assisted liquid-liquid extraction combined with capillary HPLC for the determination of sulfonylurea herbicides in environmental water and banana juice samples. *Talanta*, **2014**, 127, 51-8	6.2	56
40	In-line solid-phase extraction preconcentration in capillary electrophoresis-tandem mass spectrometry for the multiresidue detection of quinolones in meat by pressurized liquid extraction. *Electrophoresis*, **2008**, 29, 2117-25	3.6	56
39	Chemiluminescence detection coupled to capillary electrophoresis. *TrAC - Trends in Analytical Chemistry*, **2009**, 28, 973-986	14.6	54
38	Evaluation of dispersive liquid–liquid microextraction for the determination of patulin in apple juices using micellar electrokinetic capillary chromatography. *Food Control*, **2013**, 31, 353-358	6.2	53
37	Analytical applications of photoinduced chemiluminescence in flow systems--a review. *Analytica Chimica Acta*, **2010**, 679, 17-30	6.6	48
36	Applications of capillary electrophoresis with chemiluminescence detection in clinical, environmental and food analysis. A review. *Analytica Chimica Acta*, **2016**, 913, 22-40	6.6	46
35	Determination of thiazinamium, promazine and promethazine in pharmaceutical formulations using a CZE method. *Analytica Chimica Acta*, **2005**, 535, 101-108	6.6	45
34	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. *Electrophoresis*, **2005**, 26, 2418-29	3.6	45
33	Advances and analytical applications in chemiluminescence coupled to capillary electrophoresis. *Electrophoresis*, **2010**, 31, 1998-2027	3.6	44

32	Evaluation of a molecularly imprinted polymer as in-line concentrator in capillary electrophoresis. *Electrophoresis*, **2008**, 29, 3834-41	3.6	38
31	Determination of phenothiazines in pharmaceutical formulations and human urine using capillary electrophoresis with chemiluminescence detection. *Electrophoresis*, **2006**, 27, 2348-59	3.6	36
30	On-line anion exchange solid-phase extraction coupled to liquid chromatography with fluorescence detection to determine quinolones in water and human urine. *Journal of Chromatography A*, **2013**, 1310, 91-7	4.5	33
29	Trends in the analytical applications of chemiluminescence in the liquid phase. *Analytical and Bioanalytical Chemistry*, **2007**, 387, 165-9	4.4	30
28	Hollow-fiber liquid-phase microextraction combined with capillary HPLC for the selective determination of six sulfonylurea herbicides in environmental waters. *Journal of Separation Science*, **2013**, 36, 3395-401	3.4	28
27	Advances in the application of chemiluminescence detection in liquid chromatography. *TrAC - Trends in Analytical Chemistry*, **2016**, 75, 35-48	14.6	27
26	Retention and selectivity of basic drugs on solid-phase extraction sorbents: application to direct determination of -blockers in urine. *Analytical and Bioanalytical Chemistry*, **2014**, 406, 4207-15	4.4	27
25	Collision cross section (CCS) as a complementary parameter to characterize human and veterinary drugs. *Analytica Chimica Acta*, **2018**, 1043, 52-63	6.6	23
24	Determination of benzimidazoles in meat samples by capillary zone electrophoresis tandem mass spectrometry following dispersive liquid-liquid microextraction. *Journal of Chromatography A*, **2017** , 1490, 212-219	4.5	20
23	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. *Journal of Chromatography A*, **2017**, 1496, 37-44	4.5	18
22	Determination of sulfonamides in serum by on-line solid-phase extraction coupled to liquid chromatography with photoinduced fluorescence detection. *Talanta*, **2015**, 138, 258-262	6.2	18
21	Green and simple analytical method to determine benzimidazoles in milk samples by using salting-out assisted liquid-liquid extraction and capillary liquid chromatography. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2018**, 1091, 46-52	3.2	18
20	Determination of 5-nitroimidazole residues in milk by capillary electrochromatography with packed C18 silica beds. *Talanta*, **2015**, 144, 542-50	6.2	16
19	High-Performance Liquid Chromatography Method for the Monitoring of the Allium Derivative Propyl Propane Thiosulfonate Used as Natural Additive in Animal Feed. *Food Analytical Methods*, **2015**, 8, 916-921	3.4	15
18	Coupling sweeping-micellar electrokinetic chromatography with tandem mass spectrometry for the therapeutic monitoring of benzimidazoles in animal urine by dilute and shoot. *Talanta*, **2017**, 175, 542-549	6.2	11
17	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. *Journal of Chromatography A*, **2019**, 1608, 460409	4.5	9
16	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. *Journal of Chromatography A*, **2018**, 1543, 58-66	4.5	8
15	Micellar electrokinetic chromatography as efficient alternative for the multiresidue determination of seven neonicotinoids and 6-chloronicotinic acid in environmental samples. *Analytical and Bioanalytical Chemistry*, **2020**, 412, 6231-6240	4.4	7

14	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. *Analytical and Bioanalytical Chemistry*, **2021**, 413, 6413-6424	4.4	7
13	Flip-Chip Bonded GaP Photodiodes for Detection of 400- to 480-nm Fluorescence. *IEEE Photonics Technology Letters*, **2011**, 23, 878-880	2.2	5
12	Dispersive Liquid–Liquid Microextraction Followed by Capillary High-Performance Liquid Chromatography for the Determination of Six Sulfonylurea Herbicides in Fruit Juices. *Food Analytical Methods*, **2013**, 7, 1465	3.4	4
11	Food Safety Applications of Capillary Electromigration Methods **2018**, 511-545		3
10	Trends in Multiresidue Analysis **2015**, 1-39		3
9	Multiclass cyanotoxin analysis in reservoir waters: Tandem solid-phase extraction followed by zwitterionic hydrophilic interaction liquid chromatography-mass spectrometry. *Talanta*, **2022**, 237, 122929	6.2	3
8	A first approach using micellar electrokinetic capillary chromatography for the determination of fipronil and fipronil-sulfone in eggs. *Electrophoresis*, **2020**, 41, 202-208	3.6	3
7	Capillary liquid chromatography as an effective method for the determination of seven neonicotinoid residues in honey samples. *Journal of Separation Science*, **2020**, 43, 3847-3855	3.4	3
6	Sweeping-micellar electrokinetic chromatography with tandem mass spectrometry as an alternative methodology to determine neonicotinoid and boscalid residues in pollen and honeybee samples.. *Journal of Chromatography A*, **2022**, 1672, 463023	4.5	2
5	A novel approach based on capillary liquid chromatography for the simultaneous determination of neonicotinoid residues in cereal samples. *Microchemical Journal*, **2021**, 161, 105756	4.8	1
4	Simple and efficient method for the determination of fipronil and two main metabolites in eggs by capillary liquid chromatography. *Microchemical Journal*, **2021**, 169, 106595	4.8	0
3	Fluorescence Detection 400–480 nm Using Microfluidic System Integrated GaP Photodiodes. *Advances in OptoElectronics*, **2011**, 2011, 1-4	0.5	
2	Trends in Multiresidue Analysis **2020**, 1-48		
1	Chemical Food Safety Applications of Capillary Electrophoresis Methodologies. *Current and Future Developments in Food Science*, **2022**, 388-449	1	