

# Fernando Lancas

## List of Publications by Year in descending order

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155  
papers

3,491  
citations

147566

31  
h-index

197535

49  
g-index

155  
all docs

155  
docs citations

155  
times ranked

2779  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent advances and future trends in new materials for sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 71, 9-25.	5.8	163
2	Recent developments and applications of stir bar sorptive extraction. <i>Journal of Separation Science</i> , 2009, 32, 813-824.	1.3	122
3	Recent advances and trends in miniaturized sample preparation techniques. <i>Journal of Separation Science</i> , 2020, 43, 202-225.	1.3	121
4	New materials in sample preparation: Recent advances and future trends. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 119, 115633.	5.8	109
5	Stir bar sorptive extraction and liquid chromatography with UV detection for determination of antidepressants in plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 850, 295-302.	1.2	102
6	Polydimethylsiloxane/polypyrrole stir bar sorptive extraction and liquid chromatography (SBSE/LC-UV) analysis of antidepressants in plasma samples. <i>Analytica Chimica Acta</i> , 2009, 633, 57-64.	2.6	102
7	Evolution in miniaturized column liquid chromatography instrumentation and applications: An overview. <i>Journal of Chromatography A</i> , 2015, 1421, 18-37.	1.8	91
8	The role of graphene-based sorbents in modern sample preparation techniques. <i>Journal of Separation Science</i> , 2018, 41, 288-302.	1.3	84
9	Determination of Ochratoxin A in wine by packed in-tube solid phase microextraction followed by high performance liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2017, 1493, 41-48.	1.8	79
10	Miniaturized liquid chromatography focusing on analytical columns and mass spectrometry: A review. <i>Analytica Chimica Acta</i> , 2020, 1103, 11-31.	2.6	76
11	Determination of fluoxetine and norfluoxetine enantiomers in human plasma by polypyrrole-coated capillary in-tube solid-phase microextraction coupled with liquid chromatography-fluorescence detection. <i>Journal of Chromatography A</i> , 2009, 1216, 8590-8597.	1.8	64
12	Determination of Lamotrigine Simultaneously with Carbamazepine, Carbamazepine Epoxide, Phenytoin, Phenobarbital, and Primidone in Human Plasma by SPME-GC-TSD. <i>Journal of Chromatographic Science</i> , 2002, 40, 219-223.	0.7	59
13	Analysis of tricyclic antidepressant drugs in plasma by means of solid-phase microextraction-liquid chromatography-mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1342-1347.	0.7	56
14	Determination of fluoxetine in plasma by gas chromatography-mass spectrometry using stir bar sorptive extraction. <i>Analytica Chimica Acta</i> , 2008, 614, 201-207.	2.6	52
15	Validation of non-aqueous capillary electrophoresis for simultaneous determination of four tricyclic antidepressants in pharmaceutical formulations and plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 799, 127-132.	1.2	51
16	Solid-phase microextraction-liquid chromatography (SPME-LC) determination of fluoxetine and norfluoxetine in plasma using a heated liquid flow through interface. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 847, 217-223.	1.2	51
17	Use of graphene supported on aminopropyl silica for microextraction of parabens from water samples. <i>Journal of Chromatography A</i> , 2017, 1487, 64-71.	1.8	46
18	Stir Bar Sorptive Extraction-LC-MS for the Analysis of Fluoxetine in Plasma. <i>Chromatographia</i> , 2006, 64, 517-521.	0.7	44

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19	Miniaturization of liquid chromatography coupled to mass spectrometry. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 122, 115735.	5.8	43
20	Optimization of the SPME Parameters and Its Online Coupling with HPLC for the Analysis of Tricyclic Antidepressants in Plasma Samples. <i>Journal of Chromatographic Science</i> , 2006, 44, 340-346.	0.7	40
21	Simultaneous analysis of five antidepressant drugs using direct injection of biofluids in a capillary restricted-access media-liquid chromatography-tandem mass spectrometry system. <i>Journal of Chromatography A</i> , 2008, 1189, 514-522.	1.8	40
22	Biocompatible in-tube solid phase microextraction coupled with liquid chromatography-fluorescence detection for determination of interferon $\beta$ in plasma samples. <i>Journal of Chromatography A</i> , 2011, 1218, 3376-3381.	1.8	40
23	New materials for sample preparation techniques in bioanalysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 81-95.	1.2	39
24	Automated microcolumn-switching system for drug analysis by direct injection of human plasma. <i>Journal of Chromatography A</i> , 2006, 1105, 71-76.	1.8	38
25	Current role of modern chromatography and mass spectrometry in the analysis of mycotoxins in food. <i>TrAC - Trends in Analytical Chemistry</i> , 2021, 135, 116156.	5.8	38
26	Comparison Between Different Extraction (LLE and SPE) and Determination (HPLC and Capillary- $\mu$ LC) Techniques in the Analysis of Selected PAHs in Water Samples. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 3045-3056.	0.5	37
27	Automated microextraction by packed sorbent of cannabinoids from human urine using a lab-made device packed with molecularly imprinted polymer. <i>Talanta</i> , 2020, 219, 121185.	2.9	35
28	Recent trends in sorption-based sample preparation and liquid chromatography techniques for food analysis. <i>Electrophoresis</i> , 2018, 39, 1582-1596.	1.3	34
29	Automated online coupling of robot-assisted single drop microextraction and liquid chromatography. <i>Journal of Chromatography A</i> , 2019, 1595, 66-72.	1.8	34
30	Modified graphene-silica as a sorbent for in-tube solid-phase microextraction coupled to liquid chromatography-tandem mass spectrometry. Determination of xanthines in coffee beverages. <i>Journal of Chromatography A</i> , 2020, 1621, 461089.	1.8	34
31	Capillary Column Switching Restricted-Access Media-Liquid Chromatography-Electrospray Ionization-Tandem Mass Spectrometry System for Simultaneous and Direct Analysis of Drugs in Biofluids. <i>Analytical Chemistry</i> , 2007, 79, 6359-6367.	3.2	32
32	Development of a new stir bar sorptive extraction coating and its application for the determination of six pesticides in sugarcane juice. <i>Journal of Separation Science</i> , 2011, 34, 1317-1325.	1.3	32
33	Determination of steroids, caffeine and methylparaben in water using solid phase microextraction-comprehensive two dimensional gas chromatography-time of flight mass spectrometry. <i>Journal of Chromatography A</i> , 2013, 1299, 126-130.	1.8	32
34	The Current Role of Graphene-Based Nanomaterials in the Sample Preparation Arena. <i>Frontiers in Chemistry</i> , 2020, 8, 664.	1.8	32
35	Microextraction by packed sorbent liquid chromatography with time-of-flight mass spectrometry of triazines employing a molecularly imprinted polymer. <i>Journal of Separation Science</i> , 2014, 37, 3150-3156.	1.3	31
36	Miniaturization of liquid chromatography coupled to mass spectrometry.. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 128, 115910.	5.8	30

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37	Supercritical fluid extraction of <i>Cymbopogon citratus</i> (DC.) Stapf. <i>Chromatographia</i> , 1997, 46, 285-290.	0.7	29
38	Matrix effects observed during pesticides residue analysis in fruits by GC. <i>Journal of Separation Science</i> , 2009, 32, 3698-3705.	1.3	29
39	Determination of 2,4-D and Dicamba in food crops by MEKC. <i>Chromatographia</i> , 1999, 50, 35-40.	0.7	28
40	Matrix solid-phase dispersion extraction of organophosphorus and synthetic pyrethroid pesticides in cashew nut and passion fruit. <i>Journal of Separation Science</i> , 1999, 11, 367-375.	1.0	28
41	Development of on-line molecularly imprinted solid phase extraction-liquid chromatography-mass spectrometry for triazine analysis in corn samples. <i>Analytical Methods</i> , 2016, 8, 1181-1186.	1.3	28
42	Comparison among different extraction methods (PFE, SFE, Sonication, Soxhlet) for the isolation of organic compounds from coal. <i>Journal of Separation Science</i> , 2000, 12, 292-301.	1.0	27
43	Determination of amitraz in canine plasma by solid-phase microextraction-gas chromatography with thermionic specific detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2003, 794, 337-342.	1.2	27
44	Optimization of <i>in situ</i> derivatization SPME by experimental design for GC-MS multi-residue analysis of pharmaceutical drugs in wastewater. <i>Journal of Separation Science</i> , 2011, 34, 436-445.	1.3	27
45	Recent approaches for on-line analysis of residues and contaminants in food matrices: A review. <i>Journal of Separation Science</i> , 2015, 38, 1721-1732.	1.3	26
46	Sample treatment platform for automated integration of microextraction techniques and liquid chromatography analysis. <i>HardwareX</i> , 2019, 5, e00056.	1.1	26
47	Miniaturization of liquid chromatography coupled to mass spectrometry. 3. Achievements on chip-based LC-MS devices. <i>TrAC - Trends in Analytical Chemistry</i> , 2020, 131, 116003.	5.8	26
48	An overview of open tubular liquid chromatography with a focus on the coupling with mass spectrometry for the analysis of small molecules. <i>Journal of Chromatography A</i> , 2021, 1641, 461989.	1.8	25
49	Off-line SFE-CZE analysis of carbamates residues in tobacco samples. <i>Chromatographia</i> , 1996, 42, 323-328.	0.7	24
50	Determination of Diazepam in Human Plasma by Solid-Phase Microextraction and Capillary Gas Chromatography-Mass Spectrometry. <i>Chromatographia</i> , 2005, 62, 215-219.	0.7	24
51	Fluoxetine and norfluoxetine analysis by direct injection of human plasma in a column switching liquid chromatographic system. <i>Journal of Separation Science</i> , 2008, 31, 78-85.	1.3	24
52	Fast separation of selective serotonin reuptake inhibitors antidepressants in plasma sample by nonaqueous capillary electrophoresis. <i>Journal of Chromatography A</i> , 2009, 1216, 5779-5782.	1.8	24
53	Packed in-tube solid phase microextraction with graphene oxide supported on aminopropyl silica: Determination of target triazines in water samples. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2018, 53, 434-440.	0.7	24
54	Evaluation of ionic liquids supported on silica as a sorbent for fully automated online solid-phase extraction with LC-MS determination of sulfonamides in bovine milk samples. <i>Journal of Separation Science</i> , 2018, 41, 2237-2244.	1.3	24

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55	Current status and future trends on automated multidimensional separation techniques employing sorbent-based extraction columns. <i>Journal of Separation Science</i> , 2019, 42, 258-272.	1.3	24
56	Simultaneous Plasma Lamotrigine Analysis with Carbamazepine, Carbamazepine 10,11 Epoxide, Primidone, Phenytoin, Phenobarbital, and PEMA by Micellar Electrokinetic Capillary Chromatography (MECC). <i>Journal of Analytical Toxicology</i> , 2003, 27, 304-308.	1.7	23
57	A novel HS- $\mu$ BSE system coupled with gas chromatography and mass spectrometry for the analysis of organochlorine pesticides in water samples. <i>Journal of Separation Science</i> , 2008, 31, 3630-3637.	1.3	23
58	Solid-phase microextraction-liquid chromatography (SPME-LC) determination of lamotrigine simultaneously with carbamazepine and carbamazepine 10,11-epoxide in human plasma. <i>Journal of Separation Science</i> , 2002, 25, 91-95.	1.3	22
59	Optimization of the ESI and APCI experimental variables for the LC/MS determination of $\beta$ -triazines, methylcarbamates, organophosphorous, benzimidazoles, carboxamide and phenylurea compounds in orange samples. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1348-1357.	0.7	22
60	Solid-phase extraction of nitro-PAH from aquatic samples and its separation by reverse-phase capillary liquid chromatography. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 1004-1010.	0.6	21
61	Evaluation of comprehensive two-dimensional gas chromatography coupled to rapid scanning quadrupole mass spectrometry for quantitative analysis. <i>Journal of Chromatography A</i> , 2012, 1255, 177-183.	1.8	21
62	An automated and self-cleaning nano liquid chromatography mass spectrometry platform featuring an open tubular multi-hole crystal fiber solid phase extraction column and an open tubular separation column. <i>Journal of Chromatography A</i> , 2017, 1518, 104-110.	1.8	21
63	Graphene particles supported on silica as sorbent for residue analysis of tetracyclines in milk employing microextraction by packed sorbent. <i>Electrophoresis</i> , 2018, 39, 2047-2055.	1.3	21
64	Preparation and use of packed capillary columns in chromatographic and related techniques. <i>Journal of Separation Science</i> , 2004, 27, 1475-1482.	1.3	19
65	Robotic-assisted dynamic large drop microextraction. <i>Journal of Chromatography A</i> , 2019, 1608, 460416.	1.8	19
66	Development of an improved heated interface for coupling solid-phase microextraction to high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2006, 1105, 208-212.	1.8	18
67	Online approaches for the determination of residues and contaminants in complex samples. <i>Journal of Separation Science</i> , 2017, 40, 183-202.	1.3	18
68	Determination of ring-substituted amphetamines through automated online hollow fiber liquid-phase microextraction-liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7889-7897.	1.9	17
69	Magnetic solid-phase extraction of gingerols in ginger containing products. <i>Talanta</i> , 2021, 222, 121683.	2.9	17
70	Automated needle-sleeve based online hyphenation of solid-phase microextraction and liquid chromatography. <i>Talanta</i> , 2021, 221, 121608.	2.9	17
71	Supercritical fluid extraction of chlorothalonil residues from apples. <i>Chromatographia</i> , 1996, 42, 547-550.	0.7	16
72	Determination of pesticides in sugarcane juice employing microextraction by packed sorbent followed by gas chromatography and mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 2823-2830.	1.3	16

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73	High-resolution gas chromatography and high-resolution gas chromatography/mass spectrometry study of the volatile fraction obtained from high-inertinite Brazilian coal by supercritical fluid extraction. <i>Journal of Separation Science</i> , 1999, 11, 501-512.	1.0	15
74	Profiling propolis flavonoids by means of micellar electrokinetic capillary chromatography, capillary gas chromatography and bactericidal action. <i>Chromatographia</i> , 2000, 52, 147-151.	0.7	15
75	COMPARISON BETWEEN SOLID-Phase EXTRACTION METHODS FOR THE CHROMATOGRAPHIC DETERMINATION OF ORGANOPHOSPHORUS PESTICIDES IN WATER. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2001, 36, 517-527.	0.7	14
76	Unified chromatography: Fundamentals, instrumentation and applications. <i>Journal of Separation Science</i> , 2015, 38, 3071-3083.	1.3	14
77	Online fully automated SPE-HPLC-MS/MS determination of ceftiofur in bovine milk samples employing a silica-anchored ionic liquid as sorbent. <i>Electrophoresis</i> , 2018, 39, 2210-2217.	1.3	14
78	Multidimensional Liquid Chromatography Employing a Graphene Oxide Capillary Column as the First Dimension: Determination of Antidepressant and Antiepileptic Drugs in Urine. <i>Molecules</i> , 2020, 25, 1092.	1.7	14
79	HPLC Determination of Pesticide Residues Widely Employed in Sugar-Cane Cultures in River Water Samples. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2004, 27, 171-179.	0.5	13
80	An overview of multidimensional liquid phase separations in food analysis. <i>Electrophoresis</i> , 2016, 37, 1768-1783.	1.3	13
81	Miniaturized liquid chromatography applied to the analysis of residues and contaminants in food: A review. <i>Electrophoresis</i> , 2020, 41, 1680-1693.	1.3	13
82	Influence of the extraction mode and temperature in the supercritical fluid extraction of Tangor murcote (Blanco) – <i>Citrus sinensis</i> (Osbeck). <i>Journal of Separation Science</i> , 1998, 10, 213-223.	1.0	12
83	Solventless Sample Preparation for Pesticides Analysis in Environmental Water Samples Using Solid-Phase Microextraction-High Resolution Gas Chromatography/Mass Spectrometry (SPME-HRGC/MS). <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2003, 38, 417-428.	0.7	12
84	Análise de fármacos em material biológico: acoplamento microextração em fase sólida "no tubo" e cromatografia líquida de alta eficiência. <i>Química Nova</i> , 2005, 28, 880-886.	0.3	12
85	Current Trends in Fully Automated On-Line Analytical Techniques for Beverage Analysis. <i>Beverages</i> , 2019, 5, 13.	1.3	12
86	Off-line SFE-CGC-ECD analysis of 2,4-D and Dicamba residues in real sugar cane, rice and corn samples. <i>Journal of High Resolution Chromatography</i> , 1996, 19, 564-568.	2.0	11
87	Influence of temperature, pressure, modifier, and collection mode on supercritical CO <sub>2</sub> extraction efficiencies of Diuron from sugar cane and orange samples. <i>Journal of Separation Science</i> , 1998, 10, 473-478.	1.0	11
88	Extração em fase sólida (SPE) e micro extração em fase sólida (SPME) de piretróides em água. <i>Química Nova</i> , 2001, 24, 172-175.	0.3	11
89	Determination of trace levels of triazines in corn matrices by bar adsorptive microextraction with a molecularly imprinted polymer. <i>Journal of Separation Science</i> , 2016, 39, 756-761.	1.3	11
90	Development and optimization of a fast method for the determination of statins in human plasma using microextraction by packed sorbent (MEPS) followed by ultra high-performance liquid chromatography-tandem mass spectrometry (UHPLC-MS/MS). <i>Analytical Methods</i> , 2017, 9, 3039-3048.	1.3	11

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91	Evaluation of Two Fully Automated Setups for Mycotoxin Analysis Based on Online Extraction-Liquid Chromatography-Tandem Mass Spectrometry. <i>Molecules</i> , 2020, 25, 2756.	1.7	11
92	Current advances and applications of online sample preparation techniques for miniaturized liquid chromatography systems. <i>Journal of Chromatography A</i> , 2022, 1668, 462925.	1.8	11
93	An alternative supercritical fluid extraction system for aqueous matrices and its application in pesticides residue analysis. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2000, 35, 539-547.	0.7	10
94	Optimization of a Methodology for the Determination of Organochlorine Pesticides in Surface Water by SPME-GC/MS. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2005, 40, 513-523.	0.7	10
95	Development, validation and application of a method to analyze phenols in water samples by solid phase micro extraction-gas chromatography-flame ionization detector. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2007, 42, 491-498.	0.7	10
96	Supercritical fluid extraction of polynuclear aromatic hydrocarbons from coal with off-line CGC-MS analysis. <i>Journal of High Resolution Chromatography</i> , 1991, 14, 633-635.	2.0	9
97	Supercritical fluid extraction of <i>Peumus boldus</i> (Molina). <i>Journal of High Resolution Chromatography</i> , 1997, 20, 511-515.	2.0	9
98	Evaluation of Cyclodextrins as Chiral Selectors in the Separation of Selected Monoterpenes by Capillary Liquid Chromatography and Capillary Electrophoresis. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2003, 26, 505-516.	0.5	9
99	Separation of Water-Soluble Vitamins by Micellar Electrokinetic Capillary Chromatography in Pharmaceutical Samples. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2006, 29, 349-363.	0.5	9
100	Analysis of fluoxetine and norfluoxetine in human plasma by HPLC-UV using a high purity C18 silica-based SPE sorbent. <i>Analytical Methods</i> , 2014, 6, 4181-4187.	1.3	9
101	Novel devices for solvent delivery and temperature programming designed for capillary liquid chromatography. <i>Journal of Separation Science</i> , 2014, 37, 1903-1910.	1.3	9
102	Evaluation of the tubing material and physical dimensions on the performance of extraction columns for on-line sample preparation-LC-MS/MS. <i>Journal of Chromatography A</i> , 2019, 1597, 18-27.	1.8	9
103	Extração em Fase Sólida Magnética (MSPE): Fundamentos e Aplicações. <i>Scientia Chromatographica</i> , 2016, 8, 239-256.	0.2	9
104	Packed in-tube SPME-LC-MS/MS for fast and straightforward analysis of cannabinoids and metabolites in human urine. <i>Electrophoresis</i> , 2022, 43, 1555-1566.	1.3	9
105	Electron ionization mass spectrometry: Quo vadis?. <i>Electrophoresis</i> , 2022, 43, 1587-1600.	1.3	9
106	Effect of temperature, collection mode, and modifier on the supercritical CO <sub>2</sub> extraction of dicofol residues from fish samples. <i>Journal of High Resolution Chromatography</i> , 1997, 20, 369-374.	2.0	8
107	The role of magnetic nanomaterials in miniaturized sample preparation techniques. , 2020, , 77-98.		8
108	Multidimensional capillary liquid chromatography-tandem mass spectrometry for the determination of multiclass pesticides in açúgar-cane spirits (cachaças). <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7789-7797.	1.9	8

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109	Microextraction by packed sorbent of selected pesticides in coffee samples employing ionic liquids supported on graphene nanosheets as extraction phase. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 413-423.	1.9	8
110	Porous layer open tubular nano liquid chromatography directly coupled to electron ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1674, 463143.	1.8	8
111	Simultaneous extraction of norflurazon and oxadixyl residues from food crops with supercritical carbon dioxide. <i>Chromatographia</i> , 1996, 42, 147-150.	0.7	7
112	UPGRADING OF SUGAR CANE BAGASSE BY THERMAL PROCESSES. 8. DIRECT LIQUEFACTION WITH N-ALCOHOLS. <i>Petroleum Science and Technology</i> , 1996, 14, 979-992.	0.2	7
113	Towards a universal automated and miniaturized sample preparation approach. <i>Sustainable Chemistry and Pharmacy</i> , 2021, 21, 100427.	1.6	7
114	Supercritical fluid extraction of flumetralin in tobacco. <i>Chromatographia</i> , 1996, 42, 416-420.	0.7	6
115	Off-Line SFE-MEKC Determination of Diuron in Sugar Cane and Orange Samples. <i>Journal of High Resolution Chromatography</i> , 1998, 21, 519-522.	2.0	6
116	SEPARATION OF MONOTERPENES IN ORANGE ESSENTIAL OIL BY CAPILLARY LIQUID CHROMATOGRAPHY AND MICELLAR ELECTROKINETIC CHROMATOGRAPHY. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2002, 25, 1651-1659.	0.5	6
117	Preparation of packed capillary columns using supercritical carbon dioxide on cyclone-type slurry reservoir. <i>Journal of Chromatography A</i> , 2005, 1090, 172-177.	1.8	6
118	Radiation-induced effects on alternative fuels. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1993, 172, 387-394.	0.7	5
119	On-line coupling of supercritical fluid extraction to capillary column electrodriven separation techniques. <i>Journal of Separation Science</i> , 2000, 12, 61-67.	1.0	5
120	Identification of non-zein proteins in BR473 maize protein bodies by LC-nanoESI-MS/MS. <i>Journal of Separation Science</i> , 2009, 32, 3579-3584.	1.3	5
121	Determination of anticonvulsants in human plasma using SPME in a heated interface coupled online to liquid chromatography (SPME-LC). <i>Analytical Methods</i> , 2012, 4, 1519.	1.3	5
122	Determination of Diclofenac in Bovine Milk at Low Levels Using Ultra High Performance Liquid Chromatography-tandem Mass Spectrometry. <i>Food Analytical Methods</i> , 2017, 10, 2490-2496.	1.3	5
123	Pressurized Liquid Extraction of Brazilian Coal Followed by the Extracts Characterization by Gas Chromatography Coupled to Mass Spectrometry. <i>Journal of Chromatographic Science</i> , 2018, 56, 761-769.	0.7	5
124	Determination of parabens in wastewater samples via robot-assisted dynamic single-drop microextraction and liquid chromatography-tandem mass spectrometry. <i>Electrophoresis</i> , 2022, 43, 1567-1576.	1.3	5
125	Radiation-induced effects on electrical-grade insulating oils. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 1996, 212, 303-311.	0.7	4
126	Analysis of Complex Samples by Solvating Gas Chromatography (Supercritical Fluid to Gas Transition). <i>Journal of Chromatographic Science</i> , 2005, 43, 277-281.	0.7	4



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127	SPME determination of low concentration levels of monoaromatic chemical markers in soils after remediation by supercritical fluid extraction. <i>Analytical Methods</i> , 2015, 7, 4901-4907.	1.3	4
128	Sugarcane Spirits (Cachaça) Quality Assurance and Traceability: An Analytical Perspective. , 2019, , 335-359.		4
129	β-Cyclodextrin coupled to graphene oxide supported on aminopropyl silica as a sorbent material for determination of isoflavones. <i>Journal of Separation Science</i> , 2020, 43, 4347-4355.	1.3	4
130	UPGRADING OF SUGAR CANE BAGASSE BY THERMAL PROCESSES.2. CATALYTIC EFFECTS OF INORGANIC SALTS ON THE LIQUEFACTION OF BAGASSE WITH MONOETHANOLAMINE. <i>Petroleum Science and Technology</i> , 1995, 13, 991-1003.	0.2	3
131	CHEMICAL ANALYSIS OF HIGH ASH BRAZILIAN COAL TAR. 2. ACID/BASIC/NEUTRAL SEPARATION OF RESINS. <i>Petroleum Science and Technology</i> , 1996, 14, 417-426.	0.2	3
132	GC-ECD evaluation of dicofol toxicity to tropical <i>Astyanax bimaculatus schubarti</i> . <i>Chromatographia</i> , 1996, 43, 663-667.	0.7	3
133	UPGRADING OF SUGAR CANE BAGASSE BY THERMAL PROCESSES. 7. CATALYTIC LIQUEFACTION IN MONOETHANOLAMINE (MEA) AND PRELIMINARY FRACTIONATION OF THE OBTAINED PRODUCTS. <i>Petroleum Science and Technology</i> , 1996, 14, 963-977.	0.2	3
134	Extraction of fluazinan residues from fruits by CO <sub>2</sub> in the supercritical state. <i>Journal of High Resolution Chromatography</i> , 1997, 20, 569-571.	2.0	3
135	New Materials for Green Sample Preparation. <i>Comprehensive Analytical Chemistry</i> , 2017, 76, 575-599.	0.7	3
136	A cartridge-based device for automated analyses of solid matrices by online sample prep capillary LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 2725-2737.	1.9	3
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