

Ernesto F Sim-Alfonso

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.

148
papers

2,215
citations

27
h-index

34
g-index

148
ext. papers

2,513
ext. citations

4.8
avg, IF

5.22
L-index

#	Paper	IF	Citations
148	Assessment of migrating endocrine-disrupting chemicals in bottled acidic juice using type UVM-7 mesoporous silica modified with cyclodextrin.. <i>Food Chemistry</i> , 2022 , 380, 132207	8.5	2
147	Development of hybrid monoliths incorporating metal-organic frameworks for stir bar sorptive extraction coupled with liquid chromatography for determination of estrogen endocrine disruptors in water and human urine samples.. <i>Mikrochimica Acta</i> , 2022 , 189, 92	5.8	0
146	Selection and characterization of DNA aptamers for highly selective recognition of the major allergen of olive pollen Ole e 1.. <i>Analytica Chimica Acta</i> , 2022 , 1192, 339334	6.6	0
145	3D printed spinning cup-shaped device for immunoaffinity solid-phase extraction of diclofenac in wastewaters.. <i>Mikrochimica Acta</i> , 2022 , 189, 173	5.8	0
144	Chemical composition of essential oils from the leaves of <i>Mosiera bullata</i> (Britton & P.Wilson), an unexplored Cuban endemic species. <i>Journal of Essential Oil Research</i> , 2022 , 34, 123-130	2.3	0
143	Reticular framework materials in miniaturized and emerging formats in analytical chemistry.. <i>Journal of Chromatography A</i> , 2022 , 1673, 463092	4.5	0
142	Reticular materials in sorbent-based extraction methods 2021 , 323-376		1
141	Zeolitic imidazolate framework-8 decorated with gold nanoparticles for solid-phase extraction of neonicotinoids in agricultural samples. <i>Mikrochimica Acta</i> , 2021 , 188, 197	5.8	2
140	Highly Efficient Removal of Neonicotinoid Insecticides by Thioether-Based (Multivariate) Metal-Organic Frameworks. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 28424-28432	9.5	9
139	Preparation of monolithic polymer-magnetite nanoparticle composites into poly(ethylene-co-tetrafluoroethylene) tubes for uses in micro-bore HPLC separation and extraction of phosphorylated compounds. <i>Talanta</i> , 2021 , 224, 121806	6.2	5
138	Determination of antibiotics in meat samples using analytical methodologies: A review. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2021 , 20, 1681-1716	16.4	12
137	An automatic flow-through system for exploration of the human bioaccessibility of endocrine disrupting compounds from microplastics. <i>Analyst, The</i> , 2021 , 146, 3858-3870	5	2
136	Host-guest interactions for extracting antibiotics with a Cyclodextrin poly(glycidyl-co-ethylene dimethacrylate) hybrid sorbent. <i>Talanta</i> , 2021 , 232, 122478	6.2	2
135	A hybrid nano-MOF/polymer material for trace analysis of fluoroquinolones in complex matrices at microscale by on-line solid-phase extraction capillary electrophoresis. <i>Talanta</i> , 2021 , 233, 122529	6.2	4
134	Recent Advances in Molecularly Imprinted Membranes for Sample Treatment and Separation. <i>Separations</i> , 2020 , 7, 69	3.1	8
133	Poly(ethylene glycol) diacrylate-based solid-phase extraction for determination of sulfonamides in meat samples. <i>Microchemical Journal</i> , 2020 , 157, 104931	4.8	5
132	Classification of olive leaves and pulp extracts by comprehensive two-dimensional liquid chromatography of polyphenolic fingerprints. <i>Food Chemistry</i> , 2020 , 320, 126630	8.5	2

131	Bio-metal-organic frameworks for molecular recognition and sorbent extraction of hydrophilic vitamins followed by their determination using HPLC-UV. <i>Mikrochimica Acta</i> , 2020 , 187, 201	5.8	9
130	Extraction of beta-blockers from urine with a polymeric monolith modified with 1-allyl-3-methylimidazolium chloride in spin column format. <i>Talanta</i> , 2020 , 214, 120860	6.2	10
129	In situ growth of metal-organic framework HKUST-1 in an organic polymer as sorbent for nitrated and oxygenated polycyclic aromatic hydrocarbon in environmental water samples prior to quantitation by HPLC-UV. <i>Mikrochimica Acta</i> , 2020 , 187, 301	5.8	10
128	A new proposal for the determination of polychlorinated biphenyls in environmental water by using host-guest adsorption. <i>Science of the Total Environment</i> , 2020 , 724, 138266	10.2	11
127	Cyclodextrins as a Key Piece in Nanostructured Materials: Quantitation and Remediation of Pollutants. <i>Nanomaterials</i> , 2020 , 11,	5.4	4
126	In syringe hybrid monoliths modified with gold nanoparticles for selective extraction of glutathione in biological fluids prior to its determination by HPLC. <i>Talanta</i> , 2020 , 209, 120566	6.2	6
125	Determination of benzomercaptans in environmental complex samples by combining zeolitic imidazolate framework-8-based solid-phase extraction and high-performance liquid chromatography with UV detection. <i>Journal of Chromatography A</i> , 2020 , 1631, 461580	4.5	7
124	Recent Advances in Affinity MOF-Based Sorbents with Sample Preparation Purposes. <i>Molecules</i> , 2020 , 25,	4.8	9
123	Influence of photo-initiators in the preparation of methacrylate monoliths into poly(ethylene-co-tetrafluoroethylene) tubing for microbore HPLC. <i>Analytica Chimica Acta</i> , 2020 , 1093, 160-167	6.6	4
122	3D printed fluidic platform with in-situ covalently immobilized polymer monolithic column for automatic solid-phase extraction. <i>Analytica Chimica Acta</i> , 2020 , 1111, 40-48	6.6	13
121	Smart Materials for Solid-Phase Extraction Applications 2019 , 531-580		
120	A poly(glycidyl-co-ethylene dimethacrylate) nanohybrid modified with beta-cyclodextrin as a sorbent for solid-phase extraction of phenolic compounds. <i>Mikrochimica Acta</i> , 2019 , 186, 615	5.8	9
119	Fully Automated Electric-Field-Driven Liquid Phase Microextraction System with Renewable Organic Membrane As a Front End to High Performance Liquid Chromatography. <i>Analytical Chemistry</i> , 2019 , 91, 10808-10815	7.8	10
118	Current trends in affinity-based monoliths in microextraction approaches: A review. <i>Analytica Chimica Acta</i> , 2019 , 1084, 1-20	6.6	24
117	Hybrid monoliths with metal-organic frameworks in spin columns for extraction of non-steroidal drugs prior to their quantitation by reversed-phase HPLC. <i>Mikrochimica Acta</i> , 2019 , 186, 759	5.8	8
116	Incorporation of metal-organic framework amino-modified MIL-101 into glycidyl methacrylate monoliths for nano LC separation. <i>Journal of Separation Science</i> , 2019 , 42, 834-842	3.4	18
115	Proteomic fingerprinting of apple fruit, juice, and cider via combinatorial peptide ligand libraries and MS analysis. <i>Electrophoresis</i> , 2019 , 40, 266-271	3.6	6
114	Photografted methacrylate-based monolithic columns coated with cellulose tris(3,5-dimethylphenylcarbamate) for chiral separation in CEC. <i>Journal of Separation Science</i> , 2018 , 41, 1424-1432	3.4	11

113	New In-Depth Analytical Approach of the Porcine Seminal Plasma Proteome Reveals Potential Fertility Biomarkers. <i>Journal of Proteome Research</i> , 2018 , 17, 1065-1076	5.6	37
112	Carbon nanotube-modified monolithic polymethacrylate pipette tips for (micro)solid-phase extraction of antidepressants from urine samples. <i>Mikrochimica Acta</i> , 2018 , 185, 127	5.8	38
111	Polymer-based materials modified with magnetite nanoparticles for enrichment of phospholipids. <i>Talanta</i> , 2018 , 180, 162-167	6.2	6
110	Poly(ethylene glycol) diacrylate based monolithic capillary columns for the analysis of polar small solutes by capillary electrochromatography. <i>Journal of Separation Science</i> , 2018 , 41, 2632-2639	3.4	9
109	Sterol profiles of Tunisian virgin olive oils: classification among different cultivars and maturity indexes. <i>European Food Research and Technology</i> , 2018 , 244, 675-684	3.4	4
108	Improving Fractionation of Human Milk Proteins through Calcium Phosphate Coprecipitation and Their Rapid Characterization by Capillary Electrophoresis. <i>Journal of Proteome Research</i> , 2018 , 17, 3557-3564	5.6	6
107	Photografted fluoropolymers as novel chromatographic supports for polymeric monolithic stationary phases. <i>Talanta</i> , 2018 , 187, 216-222	6.2	8
106	Design, characterization and comparison of materials based on β - and γ -cyclodextrin covalently connected to microporous silica for environmental analysis. <i>Journal of Chromatography A</i> , 2018 , 1563, 10-19	4.5	14
105	Solid-phase extraction of phospholipids using mesoporous silica nanoparticles: application to human milk samples. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 4847-4854	4.4	10
104	Preparation of organic monolithic columns in polytetrafluoroethylene tubes for reversed-phase liquid chromatography. <i>Analytica Chimica Acta</i> , 2017 , 960, 160-167	6.6	17
103	Molecularly imprinted polymers for selective solid-phase extraction of phospholipids from human milk samples. <i>Mikrochimica Acta</i> , 2017 , 184, 3389-3397	5.8	9
102	Proteomic fingerprinting of mistletoe (<i>Viscum album</i> L.) via combinatorial peptide ligand libraries and mass spectrometry analysis. <i>Journal of Proteomics</i> , 2017 , 164, 52-58	3.9	8
101	Polymeric sorbents modified with gold and silver nanoparticles for solid-phase extraction of proteins followed by MALDI-TOF analysis. <i>Mikrochimica Acta</i> , 2017 , 184, 1683-1690	5.8	19
100	Extraction and preconcentration of organophosphorus pesticides in water by using a polymethacrylate-based sorbent modified with magnetic nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 3561-3571	4.4	18
99	Analysis of Aliphatic Organic Acids in Commercial Fruit Juices by Capillary Electrophoresis with Indirect UV Detection: Application to Differentiation of Fruit Juices. <i>Food Analytical Methods</i> , 2017 , 10, 3991-4002	3.4	10
98	Organo-silica hybrid capillary monolithic column with mesoporous silica particles for separation of small aromatic molecules. <i>Mikrochimica Acta</i> , 2017 , 184, 3799-3808	5.8	17
97	Determination of azoxystrobin and chlorothalonil using a methacrylate-based polymer modified with gold nanoparticles as solid-phase extraction sorbent. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 243-250	4.4	24
96	Enzyme-assisted extraction of proteins from Citrus fruits and prediction of their cultivar using protein profiles obtained by capillary gel electrophoresis. <i>Food Control</i> , 2017 , 72, 14-19	6.2	18

95	Incorporation of zeolitic imidazolate framework (ZIF-8)-derived nanoporous carbons in methacrylate polymeric monoliths for capillary electrochromatography. <i>Talanta</i> , 2017 , 164, 348-354	6.2	30
94	Application of Organic Monolithic Materials to Enantioseparation in Capillary Separation Techniques. <i>Current Medicinal Chemistry</i> , 2017 , 24, 781-795	4.3	8
93	Cultivar discrimination and prediction of mixtures of Tunisian extra virgin olive oils by FTIR. <i>European Journal of Lipid Science and Technology</i> , 2016 , 118, 1236-1242	3	11
92	Classification of Tunisian extra virgin olive oils according to their genetic variety and maturity index using fatty acid profiles established by direct infusion mass spectrometry. <i>European Journal of Lipid Science and Technology</i> , 2016 , 118, 735-743	3	4
91	Solid-phase extraction based on ground methacrylate monolith modified with gold nanoparticles for isolation of proteins. <i>Analytica Chimica Acta</i> , 2016 , 917, 37-43	6.6	42
90	Use of triacylglycerol profiles established by HPLC-UV and ELSD to predict cultivar and maturity of Tunisian olive oils. <i>European Food Research and Technology</i> , 2016 , 242, 1607-1619	3.4	7
89	Determination of the four major surfactant classes in cleaning products by reversed-phase liquid chromatography using serially connected UV and evaporative light-scattering detection. <i>Analytica Chimica Acta</i> , 2016 , 932, 106-13	6.6	7
88	Evaluation of 2,3-epoxypropyl groups and functionalization yield in glycidyl methacrylate monoliths using gas chromatography. <i>Journal of Chromatography A</i> , 2015 , 1379, 100-5	4.5	13
87	Statistical classification of pumpkin seed oils by direct infusion mass spectrometry: Correlation with GC-FID profiles. <i>European Journal of Lipid Science and Technology</i> , 2015 , 117, 331-337	3	2
86	Phosphatidylcholine covalently linked to a methacrylate-based monolith as a biomimetic stationary phase for capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2015 , 1402, 27-35	4.5	12
85	Triacylglycerol Analysis in Human Milk and Other Mammalian Species: Small-Scale Sample Preparation, Characterization, and Statistical Classification Using HPLC-ELSD Profiles. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 5761-70	5.7	33
84	Rapid differentiation of commercial juices and blends by using sugar profiles obtained by capillary zone electrophoresis with indirect UV detection. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 2639-46	5.7	23
83	Phenolic profiles of olive mill wastewaters treated by membrane filtration systems. <i>Journal of Chemical Technology and Biotechnology</i> , 2015 , 90, 1086-1093	3.5	10
82	Classification of vegetable oils according to their botanical origin using n-alkane profiles established by GC-MS. <i>Food Chemistry</i> , 2015 , 167, 36-9	8.5	32
81	Use of an enzyme-assisted method to improve protein extraction from olive leaves. <i>Food Chemistry</i> , 2015 , 169, 28-33	8.5	36
80	Cultivar discrimination of Spanish olives by using direct FTIR data combined with linear discriminant analysis. <i>European Journal of Lipid Science and Technology</i> , 2015 , 117, 1473-1479	3	8
79	Quality control of fruit juices by using organic acids determined by capillary zone electrophoresis with poly(vinyl alcohol)-coated bubble cell capillaries. <i>Food Chemistry</i> , 2015 , 188, 596-603	8.5	20
78	Hybrid methacrylate monolithic columns containing magnetic nanoparticles for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2015 , 1385, 77-84	4.5	39

77	Sensitive determination of parabens in human urine and serum using methacrylate monoliths and reversed-phase capillary liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2015 , 1379, 65-73	4.5	28
76	Tannin analysis of chestnut bark samples (<i>Castanea sativa</i> Mill.) by HPLC-DAD-MS. <i>Food Chemistry</i> , 2014 , 157, 290-5	8.5	50
75	Classification of olive leaves and pulps according to their cultivar by using protein profiles established by capillary gel electrophoresis. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 1731-8	4.4	7
74	Single-pump heart-cutting two-dimensional liquid chromatography applied to the determination of fatty alcohol ethoxylates. <i>Journal of Chromatography A</i> , 2014 , 1361, 108-16	4.5	5
73	According to the CPLL proteome sheriffs, not all aperitifs are created equal!. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014 , 1844, 1493-9	4	5
72	Efficient extraction of olive pulp and stone proteins by using an enzyme-assisted method. <i>Journal of Food Science</i> , 2014 , 79, C1298-304	3.4	11
71	Use of protein profiles established by CZE to predict the cultivar of olive leaves and pulps. <i>Electrophoresis</i> , 2014 , 35, 1652-1659	3.6	9
70	Derivatization of hydroxyl functional groups for liquid chromatography and capillary electroseparation. <i>Journal of Chromatography A</i> , 2013 , 1296, 140-56	4.5	33
69	Preparation and characterization of octadecyl acrylate monoliths for capillary electrochromatography by photochemical, thermal, and chemical initiation. <i>Journal of Separation Science</i> , 2013 , 36, 2283-90	3.4	7
68	Determination of non-ionic and anionic surfactants in industrial products by separation on a weak ion-exchanger, derivatization and liquid chromatography. <i>Journal of Chromatography A</i> , 2013 , 1320, 66-71	4.5	17
67	Use of gold nanoparticle-coated sorbent materials for the selective preconcentration of sulfonylurea herbicides in water samples and determination by capillary liquid chromatography. <i>Talanta</i> , 2013 , 105, 372-8	6.2	27
66	Methacrylate monolithic columns functionalized with epinephrine for capillary electrochromatography applications. <i>Journal of Chromatography A</i> , 2013 , 1298, 61-7	4.5	27
65	Preparation and evaluation of lauryl methacrylate monoliths with embedded silver nanoparticles for capillary electrochromatography. <i>Electrophoresis</i> , 2013 , 34, 925-34	3.6	30
64	Chemical Analysis and Antioxidant Activity of the Essential Oils of Three Piperaceae Species Growing in the Central Region of Cuba. <i>Natural Product Communications</i> , 2013 , 8, 1934578X1300800	0.9	4
63	Chemical Composition, Antioxidant Properties and Antimicrobial Activity of the Essential Oil of <i>Murraya Paniculata</i> Leaves from the Mountains of Central Cuba. <i>Natural Product Communications</i> , 2012 , 7, 1934578X1200701	0.9	5
62	Capillary electrophoresis of free fatty acids by indirect ultraviolet detection: application to the classification of vegetable oils according to their botanical origin. <i>Journal of Agricultural and Food Chemistry</i> , 2011 , 59, 10775-80	5.7	22
61	Acrylate ester-based monolithic columns for capillary electrochromatography separation of triacylglycerols in vegetable oils. <i>Journal of Chromatography A</i> , 2011 , 1218, 7528-33	4.5	8
60	Use of triacylglycerol profiles established by high performance liquid chromatography with ultraviolet-visible detection to predict the botanical origin of vegetable oils. <i>Journal of Chromatography A</i> , 2011 , 1218, 7521-7	4.5	46

59	Determination of fatty alcohol ethoxylates and alkylether sulfates by anionic exchange separation, derivatization with a cyclic anhydride and liquid chromatography. <i>Journal of Chromatography A</i> , 2011 , 1218, 8511-8	4.5	15
58	Classification of Pecorino cheeses produced in Italy according to their ripening time and manufacturing technique using Fourier transform infrared spectroscopy. <i>Journal of Dairy Science</i> , 2010 , 93, 4490-6	4	33
57	Fast separation and determination of sterols in vegetable oils by ultraperformance liquid chromatography with atmospheric pressure chemical ionization mass spectrometry detection. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 2771-6	5.7	25
56	Determination of tocopherols and tocotrienols in vegetable oils by nanoliquid chromatography with ultraviolet-visible detection using a silica monolithic column. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 757-61	5.7	40
55	Study of elution behaviour with gradient voltage in CEC using methacrylate monolithic columns. <i>Electrophoresis</i> , 2010 , 31, 1003-10	3.6	1
54	Single-pump bi-dimensional LC applied to the characterization of derivatized fatty alcohol ethoxylates. <i>Journal of Separation Science</i> , 2010 , 33, 1398-404	3.4	7
53	Methacrylate ester-based monolithic columns for nano-LC separation of tocopherols in vegetable oils. <i>Journal of Separation Science</i> , 2010 , 33, 2681-7	3.4	3
52	Comparison on photo-initiators for the preparation of methacrylate monolithic columns for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2010 , 1217, 3231-7	4.5	16
51	Classification of vegetable oils according to their botanical origin using amino acid profiles established by High Performance Liquid Chromatography with UV-Vis detection: A first approach. <i>Food Chemistry</i> , 2010 , 120, 1149-1154	8.5	13
50	Chromium(VI) oxide oxidation of non-ethoxylated and ethoxylated alcohols for determination by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2010 , 24, 2093-100	2.2	4
49	CEC column behaviour of butyl and lauryl methacrylate monoliths prepared in non-aqueous media. <i>Electrophoresis</i> , 2009 , 30, 607-15	3.6	14
48	Comparison of thermal- and photo-polymerization of lauryl methacrylate monolithic columns for CEC. <i>Electrophoresis</i> , 2009 , 30, 1929-36	3.6	14
47	Chemical initiation for butyl and lauryl acrylate monolithic columns for CEC. <i>Electrophoresis</i> , 2009 , 30, 599-606	3.6	15
46	Photo-polymerized lauryl methacrylate monolithic columns for CEC using lauroyl peroxide as initiator. <i>Electrophoresis</i> , 2009 , 30, 3748-56	3.6	30
45	Evaluation of the oxidative status of virgin olive oils with different phenolic content by direct infusion atmospheric pressure chemical ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 395, 1543-50	4.4	9
44	Determination of fatty alcohol ethoxylates with diphenic anhydride derivatization and liquid chromatography with spectrophotometric detection: a comparative study with other anhydrides. <i>Journal of Chromatography A</i> , 2009 , 1216, 3023-30	4.5	15
43	Role of the co-surfactant nature in soybean w/o microemulsions. <i>Journal of Colloid and Interface Science</i> , 2009 , 337, 579-85	9.3	14
42	Characterization of the alcoholic fraction of vegetable oils by derivatization with diphenic anhydride followed by high-performance liquid chromatography with spectrophotometric and mass spectrometric detection. <i>Journal of Chromatography A</i> , 2009 , 1216, 230-6	4.5	15

41	Study of peak shape and efficiency in butyl acrylate-based monolithic columns for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2009 , 1216, 6831-7	4.5	6
40	Rapid evaluation of oxidized fatty acid concentration in virgin olive oils using metal oxide semiconductor sensors and multiple linear regression. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 9365-9	5.7	8
39	Classification of extra virgin olive oils according to their geographical origin using phenolic compound profiles obtained by capillary electrochromatography. <i>Food Research International</i> , 2009 , 42, 1446-1452	7	38
38	Enzyme class identification in cleaning products by hydrolysis followed by derivatization with o-phthaldialdehyde, HPLC and linear discriminant analysis. <i>Talanta</i> , 2009 , 79, 275-9	6.2	3
37	Study of chemical changes produced in virgin olive oils with different phenolic contents during an accelerated storage treatment. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 7834-40	5.7	26
36	Classification of extra virgin olive oils produced at La Comunitat Valenciana according to their genetic variety using sterol profiles established by high-performance liquid chromatography with mass spectrometry detection. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 10512-7	5.7	23
35	Prediction of the genetic variety of extra virgin olive oils produced at La Comunitat Valenciana, Spain, by fourier transform infrared spectroscopy. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 9985-9	5.7	19
34	Classification of vegetable oils according to their botanical origin using sterol profiles established by direct infusion mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 973-8	2.2	36
33	Rapid classification of enzymes in cleaning products by hydrolysis, mass spectrometry and linear discriminant analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2008 , 22, 3667-72	2.2	3
32	Peroxodisulfate as a chemical initiator for methacrylate-ester monolithic columns for capillary electrochromatography. <i>Electrophoresis</i> , 2008 , 29, 910-8	3.6	15
31	Preparation and evaluation of butyl acrylate-based monolithic columns for CEC using ammonium peroxodisulfate as a chemical initiator. <i>Electrophoresis</i> , 2008 , 29, 3858-65	3.6	12
30	Preparation and characterization of hexyl methacrylate monolithic columns for CEC. <i>Electrophoresis</i> , 2008 , 29, 3866-74	3.6	11
29	Rapid determination of sterols in vegetable oils by CEC using methacrylate ester-based monolithic columns. <i>Electrophoresis</i> , 2008 , 29, 4603-11	3.6	29
28	Lauroyl peroxide as thermal initiator of lauryl methacrylate monolithic columns for CEC. <i>Electrophoresis</i> , 2008 , 29, 4399-406	3.6	13
27	Prediction of the genetic variety of Spanish extra virgin olive oils using fatty acid and phenolic compound profiles established by direct infusion mass spectrometry. <i>Food Chemistry</i> , 2008 , 108, 1142-8	8.5	36
26	Determination of fatty alcohol ethoxylates by derivatization with phthalic anhydride followed by liquid chromatography with UV-vis detection. <i>Journal of Chromatography A</i> , 2008 , 1203, 47-53	4.5	19
25	Rapid characterization of alkylpolyphosphonates by CZE with indirect photometric and mass spectrometric detection. <i>Electrophoresis</i> , 2007 , 28, 341-52	3.6	3
24	Determination of tocopherols in vegetable oils by CEC using methacrylate ester-based monolithic columns. <i>Electrophoresis</i> , 2007 , 28, 4128-35	3.6	29

23	Infusion mass spectrometry as a fingerprint to characterize varnishes in oil pictorial artworks. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 851-6	2.2	6
22	Classification of vegetable oils according to their botanical origin using amino acid profiles established by direct infusion mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007 , 21, 3751-5	2.2	17
21	Characterization of industrial alkylpolyphosphonates by infusion electrospray ionization-ion trap mass spectrometry with identification of the impurities by tandem capillary zone electrophoresis. <i>Journal of Mass Spectrometry</i> , 2006 , 41, 23-33	2.2	11
20	On the determination of underivatized fatty alcohol ethoxylates by electrospray ionisation-mass spectrometry. <i>Journal of Chromatography A</i> , 2006 , 1118, 188-98	4.5	22
19	Capillary electrophoresis enhanced by automatic two-way background correction using cubic smoothing splines and multivariate data analysis applied to the characterisation of mixtures of surfactants. <i>Journal of Chromatography A</i> , 2005 , 1065, 301-13	4.5	17
18	Electrokinetic capillary chromatography in a polar continuous-phase water-in-oil microemulsion constituted by water, sodium dodecyl sulfate, and n-pentanol. <i>Electrophoresis</i> , 2005 , 26, 858-66	3.6	5
17	A new mathematical function for describing electrophoretic peaks. <i>Electrophoresis</i> , 2005 , 26, 2076-85	3.6	5
16	Characterization of hydroxyaromatic compounds in vegetable oils by capillary electrophoresis with direct injection in an oil-miscible KOH/propanol/methanol medium. <i>Electrophoresis</i> , 2005 , 26, 3307-14	3.6	12
15	Prediction of wheat dough W and P/L inflation test parameters by capillary zone electrophoresis of a protein extract followed by multivariate regression. <i>Electrophoresis</i> , 2004 , 25, 2970-7	3.6	5
14	Resolution of overlapped non-absorbing and absorbing solutes using either an absorption null-balance detection window or multivariate deconvolution applied to capillary electrophoresis of anionic surfactants. <i>Journal of Chromatography A</i> , 2004 , 1036, 205-16	4.5	4
13	Characterization and quantitation of mixtures of alkyl ether sulfates and carboxylic acids by capillary electrophoresis with indirect photometric detection. <i>Electrophoresis</i> , 2003 , 24, 2805-13	3.6	6
12	Separation of homologues and isomers of linear alkylbenzenesulfonates by capillary electrophoresis with sodium dodecyl sulfate, carboxylic acids and bile salts. <i>Electrophoresis</i> , 2003 , 24, 681-6	3.6	14
11	Optimised procedures for the reversed-phase liquid chromatographic analysis of formulations containing tricyclic antidepressants. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 32, 71-84	3.5	45
10	Identification of Leguminosae gums and evaluation of carob-guar mixtures by capillary zone electrophoresis of protein extracts. <i>Electrophoresis</i> , 2002 , 23, 1709-15	3.6	11
9	Micellar liquid chromatography: suitable technique for screening analysis. <i>Journal of Chromatography A</i> , 2002 , 947, 31-45	4.5	58
8	Separation and determination of homologues of linear alkylbenzenesulfonates by nonaqueous capillary zone electrophoresis using alkylammonium salts in ethanol. <i>Electrophoresis</i> , 2001 , 22, 2017-24	3.6	12
7	Determination of cow@ milk and ripening time in nonbovine cheese by capillary electrophoresis of the ethanol-water protein fraction. <i>Electrophoresis</i> , 2000 , 21, 633-40	3.6	28
6	Determination of cow@ milk in non-bovine and mixed cheeses by capillary electrophoresis of whey proteins in acidic isoelectric buffers. <i>Journal of Chromatography A</i> , 2000 , 878, 261-71	4.5	40

5	Determination of cationic surfactants by capillary zone electrophoresis and micellar electrokinetic chromatography with deoxycholate micelles in the presence of large organic solvent concentrations. <i>Journal of Chromatography A</i> , 2000 , 895, 227-35	4.5	30
4	Simultaneous Determination of l-Ascorbic Acid, Glutathione, and Their Oxidized Forms in Ozone-Exposed Vascular Plants by Capillary Zone Electrophoresis. <i>Environmental Science & Technology</i> , 2000 , 34, 1331-1336	10.3	15
3	Determination of thyreostatics in animal feed by micellar electrokinetic chromatography. <i>Analyst, The</i> , 1999 , 124, 125-8	5	8
2	Determination of sulphonamides in human urine by azo dye precolumn derivatization and micellar liquid chromatography. <i>Biomedical Applications</i> , 1995 , 670, 183-7		24
1	High-performance micellar liquid chromatography determination of sulphonamides in pharmaceuticals after azodye precolumn derivatization. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995 , 13, 237-45	3.5	35