Carmen GarcÃ-a Ruiz

List of Publications by Year
in descending order

175 papers	4,337 citations	117453 34 h-index	174990 52 g-index
177 all docs	177 docs citations	177 times ranked	3881 citing authors

#	Article	IF	Citations
1	Potential of High-Resolution Mass Spectrometry for the Detection of Drugs and Metabolites in Hair: Methoxetamine in a Real Forensic Case. Journal of Analytical Toxicology, 2022, 46, e1-e10.	1.7	8
2	Forensic examination of textile fibres using Raman imaging and multivariate analysis. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 268, 120695.	2.0	16
3	Classification of Various Marijuana Varieties by Raman Microscopy and Chemometrics. Toxics, 2022, 10, 115.	1.6	11
4	An approximation to the identification of contexts, experiences, and profiles of victims of drug-facilitated sexual assaults. Journal of Clinical Forensic and Legal Medicine, 2022, 90, 102376.	0.5	3
5	Forensic intelligence-led prevention of drug-facilitated sexual assaults.. Forensic Science International, 2022, 337, 111373.	1.3	2
6	Comparison between computed tomography and silicone-casting methods to determine gunshot cavities in ballistic soap. International Journal of Legal Medicine, 2021, 135, 829-836.	1.2	3
7	Chemical classification of new psychoactive substances (NPS). Microchemical Journal, 2021, 163, 105877.	2.3	26
8	Human ultra-weak photon emission as non-invasive spectroscopic tool for diagnosis of internal states â€“ A review. Journal of Photochemistry and Photobiology B: Biology, 2021, 216, 112141.	1.7	18
9	Identification of 2C-B in Hair by UHPLC-HRMS/MS. A Real Forensic Case. Toxics, 2021, 9, 170.	1.6	4
10	Introducing ATR-FTIR Spectroscopy through Analysis of Acetaminophen Drugs: Practical Lessons for Interdisciplinary and Progressive Learning for Undergraduate Students. Journal of Chemical Education, 2021, 98, 2675-2686.	1.1	23
11	Analysis of tooth mark patterns on bone remains caused by wolves (Canis lupus) and domestic dogs (Canis lupus familiaris) for taxonomic identification: A scoping review focused on their value as a forensic tool. Applied Animal Behaviour Science, 2021, 240, 105356.	0.8	7
12	Increment of spontaneous human biophoton emission caused by anger emotional states. Proof of concept. Microchemical Journal, 2021, 169, 106558.	2.3	1
13	Prevalence study of drugs and new psychoactive substances in hair of ketamine consumers using a methanolic direct extraction prior to high-resolution mass spectrometry. Forensic Science International, 2021, 329, 111080.	1.3	9
14	Increasing awareness of the severity of female victimization by opportunistic drug-facilitated sexual assault: A new viewpoint. Forensic Science International, 2020, 315, 110460.	1.3	12
15	An ecological working framework as a new model for understanding and preventing the victimization of women by drug-facilitated sexual assault. Forensic Science International, 2020, 315, 110438.	1.3	5
16	Ultraviolet-Visible and High-Resolution Mass Spectrometry for the Identification of Cyclopropyl-Fentanyl in the First Fatal Case in Spain. Journal of Analytical Toxicology, 2020, 44, 927-935.	1.7	4
17	Chemical Classification of Explosives. Critical Reviews in Analytical Chemistry, 2020, 51, 1-18.	1.8	8
18	A Morphological and Morphometric Dental Analysis as a Forensic Tool to Identify the Iberian Wolf (Canis Lupus Signatus). Animals, 2020, 10, 975.	1.0	8

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19	Maximizing semen extraction from sanitary pads by chemical and shredding treatments. Forensic Science International: Genetics, 2019, 42, 198-202.	1.6	3
20	Multi-target methodology for the screening of blood specimens in drug-facilitated sexual assault cases. Microchemical Journal, 2019, 150, 104204.	2.3	5
21	Shooting distance estimation based on gunshot residues analyzed by XRD and multivariate analysis. Chemometrics and Intelligent Laboratory Systems, 2019, 193, 103831.	1.8	6
22	A validated GCâ€“MS method for ketamine and norketamine in hair and its use in authentic cases. Forensic Science International, 2019, 301, 447-454.	1.3	16
23	Occurrence and identification of microplastics along a beach in the Biosphere Reserve of Lanzarote. Marine Pollution Bulletin, 2019, 143, 220-227.	2.3	87
24	Probing the confinement of Î²-galactosidase into meso-macro porous silica by Raman spectroscopy. Microporous and Mesoporous Materials, 2019, 278, 149-155.	2.2	7
25	Human Ultraweak Photon Emission: Key Analytical Aspects, Results and Future Trends â€“ A Review. Critical Reviews in Analytical Chemistry, 2019, 49, 368-381.	1.8	9
26	Direct and indirect approaches based on paper analysis by Py-GC/MS for estimating the age of documents. Journal of Analytical and Applied Pyrolysis, 2018, 131, 9-16.	2.6	20
27	Simple multispectral imaging approach for determining the transfer of explosive residues in consecutive fingerprints. Talanta, 2018, 184, 437-445.	2.9	8
28	Successive injection in microstructured-capillary electrophoresis for rapid pairwise comparisons. Application to questioned documents. Microchemical Journal, 2018, 139, 416-423.	2.3	1
29	Ultraviolet resonance Raman spectroscopy for the detection of cocaine in oral fluid. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 188, 338-340.	2.0	24
30	Acid alteration of several ignitable liquids of potential use in arsons. Science and Justice - Journal of the Forensic Science Society, 2018, 58, 7-16.	1.3	6
31	The discrimination of 72 nitrate, chlorate and perchlorate salts using IR and Raman spectroscopy. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 189, 535-542.	2.0	57
32	Selective Monitoring of Oxyanion Mixtures by a Flow System with Raman Detection. Sensors, 2018, 18, 2196.	2.1	10
33	Detection of microscopic traces of explosive residues on textile fabrics by Raman spectroscopy. Journal of Raman Spectroscopy, 2018, 49, 1668-1677.	1.2	7
34	Study of the adhesion of explosive residues to the finger and transfer to clothing and luggage. Science and Justice - Journal of the Forensic Science Society, 2018, 58, 415-424.	1.3	7
35	Measuring the Human Ultra-Weak Photon Emission Distribution Using an Electron-Multiplying, Charge-Coupled Device as a Sensor. Sensors, 2018, 18, 1152.	2.1	11
36	Gold nanorods as SERS substrate for the ultratrace detection of cocaine in non-pretreated oral fluid samples. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2018, 557, 43-50.	2.3	31

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37	Interpreting the near infrared region of explosives. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 204, 81-87.	2.0	14
38	Chemometric approaches for document dating: Handling paper variability. Analytica Chimica Acta, 2018, 1031, 28-37.	2.6	30
39	Multi-spectral imaging for the estimation of shooting distances. Forensic Science International, 2018, 282, 80-85.	1.3	12
40	Monitoring of the stability of cocaine and some metabolites in water and oral fluid by a newly developed CE method. Electrophoresis, 2017, 38, 1217-1223.	1.3	7
41	Revealing the location of semen, vaginal fluid and urine in stained evidence through near infrared chemical imaging. Talanta, 2017, 166, 292-299.	2.9	17
42	An exploratory study of the potential of LIBS for visualizing gunshot residue patterns. Forensic Science International, 2017, 273, 124-131.	1.3	38
43	Short wave infrared chemical imaging as future tool for analysing gunshot residues patterns in targets. Talanta, 2017, 167, 227-235.	2.9	11
44	Comparison of different GC-MS configurations for the determination of prevalent drugs and related metabolites. Analytical Methods, 2017, 9, 2897-2908.	1.3	6
45	Analysis of different materials subjected to open-air explosions in search of explosive traces by Raman microscopy. Forensic Science International, 2017, 275, 57-64.	1.3	15
46	Effect of Meso vs Macro Size of Hierarchical Porous Silica on the Adsorption and Activity of Immobilized Î²-Galactosidase. Langmuir, 2017, 33, 3333-3340.	1.6	26
47	Investigation of the use of luminescent markers as gunshot residue indicators. Forensic Science International, 2017, 280, 95-102.	1.3	16
48	Statistical approach for ATR-FTIR screening of semen in sexual evidence. Talanta, 2017, 174, 853-857.	2.9	23
49	Analysis of human bodily fluids on superabsorbent pads by ATR-FTIR. Talanta, 2017, 162, 634-640.	2.9	29
50	Analytical tools for the analysis of fire debris. A review: 2008â€“2015. Analytica Chimica Acta, 2016, 928, 1-19.	2.6	58
51	Surface-enhanced Raman spectroscopy for the analysis of smokeless gunpowders and macroscopic gunshot residues. Analytical and Bioanalytical Chemistry, 2016, 408, 4965-4973.	1.9	30
52	Analysis of street cocaine samples in nasal fluid by Raman spectroscopy. Talanta, 2016, 154, 367-373.	2.9	14
53	A new CE with contactless conductivity detection method for the determination of complex cationic compositions: Application to the analysis of pen inks. Electrophoresis, 2016, 37, 2896-2902.	1.3	4
54	Progressing the analysis of Improvised Explosive Devices: Comparative study for trace detection of explosive residues in handprints by Raman spectroscopy and liquid chromatography. Talanta, 2016, 161, 219-227.	2.9	33

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55	Determination of Nanogram Microparticles from Explosives after Real Open-Air Explosions by Confocal Raman Microscopy. Analytical Chemistry, 2016, 88, 6726-6733.	3.2	16
56	Detection and identification of explosives by surface enhanced Raman scattering. Applied Spectroscopy Reviews, 2016, 51, 227-262.	3.4	49
57	Study of consumer fireworks post-blast residues by ATR-FTIR. Talanta, 2016, 149, 257-265.	2.9	37
58	Differentiation of Body Fluid Stains on Fabrics Using External Reflection Fourier Transform Infrared Spectroscopy (FT-IR) and Chemometrics. Applied Spectroscopy, 2016, 70, 654-665.	1.2	35
59	Study of Spectral Modifications in Acidified Ignitable Liquids by Attenuated Total Reflection Fourier Transform Infrared Spectroscopy. Applied Spectroscopy, 2016, 70, 520-530.	1.2	9
60	Spectroscopic techniques for the forensic analysis of textile fibers. Applied Spectroscopy Reviews, 2016, 51, 278-301.	3.4	34
61	Recent advances in capillary electrophoresis instrumentation for the analysis of explosives. TrAC - Trends in Analytical Chemistry, 2016, 75, 75-85.	5.8	31
62	Chemical and biochemical sensing applications of microstructured optical fiberâ€based systems. Laser and Photonics Reviews, 2015, 9, 604-627.	4.4	68
63	Fast Analysis of Complete Macroscopic Gunshot Residues on Substrates Using Raman Imaging. Applied Spectroscopy, 2015, 69, 889-893.	1.2	21
64	Study of acidified ignitable liquid residues in fire debris by solidâ€phase microextraction with gas chromatography and mass spectrometry. Journal of Separation Science, 2015, 38, 3218-3227.	1.3	11
65	Raman imaging for determining the sequence of blue pen ink crossings. Forensic Science International, 2015, 249, 92-100.	1.3	35
66	Microâ€injector for capillary electrophoresis. Electrophoresis, 2015, 36, 1941-1944.	1.3	19
67	Spectroscopic Trends for the Determination of Illicit Drugs in Oral Fluid. Applied Spectroscopy Reviews, 2015, 50, 775-796.	3.4	29
68	Study of chemical modifications in acidified ignitable liquids analysed by GCâ€“MS. Science and Justice - Journal of the Forensic Science Society, 2015, 55, 446-455.	1.3	8
69	Analysis of pre-ignited improvised incendiary devices using portable Raman. Talanta, 2015, 144, 612-618.	2.9	8
70	A microstructured capillary electrophoresis method for nitrocellulose detection in dynamite. Microchemical Journal, 2015, 123, 218-223.	2.3	5
71	Confocal Raman spectrocopy for the analysis of nail polish evidence. Talanta, 2015, 138, 155-162.	2.9	20
72	A microdestructive capillary electrophoresis method for the analysis of blue-pen-ink strokes on office paper. Journal of Chromatography A, 2015, 1400, 140-148.	1.8	9

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73	Vibrational Spectroscopy as a Promising Tool to Study Enzyme-Carrier Interactions: A Review. Applied Spectroscopy Reviews, 2015, 50, 797-821.	3.4	14
74	Forensic discrimination of inkjet-printed lines by Raman spectroscopy and surface-enhanced Raman spectroscopy. Australian Journal of Forensic Sciences, 2015, 47, 411-420.	0.7	12
75	Emerging spectrometric techniques for the forensic analysis of body fluids. TrAC - Trends in Analytical Chemistry, 2015, 64, 53-63.	5.8	70
76	Analysis of questioned documents: A review. Analytica Chimica Acta, 2015, 853, 143-166.	2.6	110
77	Fundamentals on new capillaries inspired by photonic crystal fibers as optofluidic separation systems in CE. Electrophoresis, 2015, 36, 433-440.	1.3	6
78	Detection of residues from explosive manipulation by near infrared hyperspectral imaging: A promising forensic tool. Forensic Science International, 2014, 242, 228-235.	1.3	58
79	Studying the variability in the Raman signature of writing pen inks. Forensic Science International, 2014, 245, 38-44.	1.3	26
80	Electrophoretic fingerprinting of benzodiazepine tablets in spike drinks. Electrophoresis, 2014, 35, 3250-3257.	1.3	6
81	Concurrent determination of anions and cations in consumer fireworks with a portable dual-capillary electrophoresis system. Journal of Chromatography A, 2014, 1372, 245-252.	1.8	39
82	Raman identification of drug of abuse particles collected with colored and transparent tapes. Science and Justice - Journal of the Forensic Science Society, 2014, 54, 164-169.	1.3	12
83	Recent non-chemical approaches to estimate the shooting distance. Forensic Science International, 2014, 239, 79-85.	1.3	26
84	A study to visualize and determine the sequencing of intersecting ink lines. Forensic Science International, 2014, 234, 39-44.	1.3	19
85	Infrared and Raman spectroscopy techniques applied to identification of explosives. TrAC - Trends in Analytical Chemistry, 2014, 54, 36-44.	5.8	181
86	Raman spectral signatures for the differentiation of benzodiazepine drugs. Analytical Methods, 2014, 6, 9536-9546.	1.3	11
87	Simultaneous separation of cations and anions in capillary electrophoresis. TrAC - Trends in Analytical Chemistry, 2014, 62, 162-172.	5.8	37
88	Near infrared spectral imaging for the analysis of dynamite residues on human handprints. Talanta, 2014, 130, 315-321.	2.9	32
89	Carbon nanotube-Cu hybrids enhanced catalytic activity in aqueous media. Carbon, 2014, 78, 10-18.	5.4	9
90	Analytical techniques for the analysis of consumer fireworks. TrAC - Trends in Analytical Chemistry, 2014, 56, 27-36.	5.8	42

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91	Confocal Raman spectroscopy to trace lipstick with their smudges on different surfaces. Talanta, 2014, 123, 135-139.	2.9	27
92	In response to the letter â€œScopolamine: Useful medicine or dangerous drug?â€• Science and Justice - Journal of the Forensic Science Society, 2014, 54, 323.	1.3	1
93	Anions in preâ€•and postâ€blast consumer fireworks by capillary electrophoresis. Electrophoresis, 2014, 35, 3272-3280.	1.3	16
94	Photonic crystal fibres as efficient separation component in capillary electrophoresis. Sensors and Actuators B: Chemical, 2014, 191, 264-269.	4.0	11
95	Proteins in Olive Fruit and Oil. Critical Reviews in Food Science and Nutrition, 2014, 54, 611-624.	5.4	21
96	Near Promising Future of near Infrared Hyperspectral Imaging in Forensic Sciences. NIR News, 2014, 25, 6-9.	1.6	5
97	Analysis and differentiation of paper samples by capillary electrophoresis and multivariate analysis. Electrophoresis, 2014, 35, 3264-3271.	1.3	5
98	Optimized photonic crystal fibers supporting efficient capillary electrophoresis. Proceedings of SPIE, 2013, , .	0.8	0
99	Raman spectroscopy for forensic analysis of inks in questioned documents. Forensic Science International, 2013, 232, 206-212.	1.3	133
100	Validation of an analytical method for the refractive index measurement of glass fragments. Application to a hit-and-run incident. Analytical Methods, 2013, 5, 1178.	1.3	7
101	Rapid determination of scopolamine in evidence of recreational and predatory use. Science and Justice - Journal of the Forensic Science Society, 2013, 53, 409-414.	1.3	50
102	Diphenylamine and derivatives as predictors of gunpowder age by means of HPLC and statistical models. Talanta, 2013, 103, 214-220.	2.9	22
103	Study of the suitability of DUO plastic bags for the storage of dynamites. Forensic Science International, 2013, 232, e33-e37.	1.3	2
104	Discrimination of non-explosive and explosive samples through nitrocellulose fingerprints obtained by capillary electrophoresis. Journal of Chromatography A, 2013, 1302, 197-204.	1.8	17
105	Anionic markers for the forensic identification of Chemical Ignition Molotov Cocktail composition. Science and Justice - Journal of the Forensic Science Society, 2013, 53, 49-54.	1.3	12
106	Portable Capillary Electrophoresis Instrument with Automated Injector and Contactless Conductivity Detection. Analytical Chemistry, 2013, 85, 2333-2339.	3.2	100
107	Peanut Allergens: An Overview. Critical Reviews in Food Science and Nutrition, 2013, 53, 722-737.	5.4	15
108	Analysis of macroscopic gunshot residues by Raman spectroscopy to assess the weapon memory effect. Forensic Science International, 2013, 231, 1-5.	1.3	69

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109	Dynamite Analysis by Raman Spectroscopy As a Unique Analytical Tool. Analytical Chemistry, 2013, 85, 2595-2600.	3.2	22
110	Forensic discrimination of blue ballpoint pens on documents by laser ablation inductively coupled plasma mass spectrometry and multivariate analysis. Forensic Science International, 2013, 228, 1-7.	1.3	46
111	Applications of laser-ablation-inductively-coupled plasma-mass spectrometry in chemical analysis of forensic evidence. TrAC - Trends in Analytical Chemistry, 2013, 42, 1-34.	5.8	53
112	Determination of nitrogen mustard degradation products in water samples using a portable capillary electrophoresis instrument. Electrophoresis, 2013, 34, 2078-2084.	1.3	32
113	Molecular Characterization of Phospholipids by High-Performance Liquid Chromatography Combined with an Evaporative Light Scattering Detector, High-Performance Liquid Chromatography Combined with Mass Spectrometry, and Gas Chromatography Combined with a Flame Ionization Detector in Different Oat Varieties. Journal of Agricultural and Food Chemistry, 2012, 60, 10963-10969.	2.4	21
114	Separation of olive proteins by capillary gel electrophoresis. Talanta, 2012, 97, 420-424.	2.9	16
115	Comparative analysis of smokeless gunpowders by Fourier transform infrared and Raman spectroscopy. Analytica Chimica Acta, 2012, 717, 92-99.	2.6	33
116	Determination of nitrocellulose by capillary electrophoresis with laser-induced fluorescence detection. Analytica Chimica Acta, 2012, 745, 149-155.	2.6	26
117	Qualitative determination of inorganic anions in incendiary device residues by capillary electrophoresis. Analytical Methods, 2012, 4, 2680.	1.3	14
118	Ammunition Identification by Means of the Organic Analysis of Gunshot Residues Using Raman Spectroscopy. Analytical Chemistry, 2012, 84, 3581-3585.	3.2	69
119	Characterization of carboxylate-terminated carbosilane dendrimers and their evaluation as nanoadditives in capillary electrophoresis for vegetable protein profiling. Journal of Chromatography A, 2012, 1234, 16-21.	1.8	15
120	Why is methenamine detected in Goma-2 dynamites originally methenamine free? An interpretation of relevant forensic results. Forensic Science International, 2012, 216, 183-188.	1.3	1
121	Noninvasive Detection of Concealed Explosives: Depth Profiling through Opaque Plastics by Time-Resolved Raman Spectroscopy. Analytical Chemistry, 2011, 83, 8517-8523.	3.2	31
122	Analytical techniques in the study of highly-nitrated nitrocellulose. TrAC - Trends in Analytical Chemistry, 2011, 30, 1740-1755.	5.8	81
123	Study of losses of volatile compounds from dynamites. Investigation of cross-contamination between dynamites stored in polyethylene bags. Forensic Science International, 2011, 211, 27-33.	1.3	7
124	Determination of ethylene glycol dinitrate in dynamites using HPLC: Application to the plastic explosive Gomaâ€2 ECO. Journal of Separation Science, 2011, 34, 3353-3358.	1.3	2
125	Determination of the nitrogen content of nitrocellulose from smokeless gunpowders and collodions by alkaline hydrolysis and ion chromatography. Analytica Chimica Acta, 2011, 685, 196-203.	2.6	26
126	Modification of Resolution in Capillary Electrophoresis for Protein Profiling in Identification of Genetic Modification in Foods. Croatica Chemica Acta, 2011, 84, 375-382.	0.1	8

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127	Sensitive determination of d-carnitine as enantiomeric impurity of levo-carnitine in pharmaceutical formulations by capillary electrophoresisâ€“tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 1217-1223.	1.4	37
128	Recent approaches for enhancing sensitivity in enantioseparations by CE. Electrophoresis, 2010, 31, 28-43.	1.3	28
129	Separation of proteins from olive oil by CE: An approximation to the differentiation of monovarietal olive oils. Electrophoresis, 2010, 31, 2218-2225.	1.3	18
130	Determination of l- and d-carnitine in dietary food supplements using capillary electrophoresisâ€“tandem mass spectrometry. Food Chemistry, 2010, 120, 921-928.	4.2	48
131	Traceability Markers to the Botanical Origin in Olive Oils. Journal of Agricultural and Food Chemistry, 2010, 58, 28-38.	2.4	97
132	Determination of Trigonelline in Seeds and Vegetable Oils by Capillary Electrophoresis as a Novel Marker for the Detection of Adulterations in Olive Oils. Journal of Agricultural and Food Chemistry, 2010, 58, 7489-7496.	2.4	23
133	New protocol for the isolation of nitrocellulose from gunpowders: Utility in their identification. Talanta, 2010, 81, 1742-1749.	2.9	39
134	Separation of Olive Proteins Combining a Simple Extraction Method and a Selective Capillary Electrophoresis (CE) Approach: Application to Raw and Table Olive Samples. Journal of Agricultural and Food Chemistry, 2010, 58, 11808-11813.	2.4	9
135	Development of a CEâ€MS² method for the enantiomeric separation of <scp>L</scp>/<scp>D</scp>â€carnitine: Application to the analysis of infant formulas. Electrophoresis, 2009, 30, 337-348.	1.3	44
136	Fast derivatization of the nonâ€protein amino acid ornithine with FITC using an ultrasound probe prior to enantiomeric determination in food supplements by EKC. Electrophoresis, 2009, 30, 1037-1045.	1.3	24
137	Development of an inâ€capillary derivatization method by CE for the determination of chiral amino acids in dietary supplements and wines. Electrophoresis, 2009, 30, 696-704.	1.3	39
138	Development of a CEâ€ESIâ€ITMS method for the enantiomeric determination of the nonâ€protein amino acid ornithine. Electrophoresis, 2009, 30, 1724-1733.	1.3	31
139	Rapid characterisation of (glyphosate tolerant) transgenic and non-transgenic soybeans using chromatographic protein profiles. Food Chemistry, 2009, 113, 1212-1217.	4.2	16
140	Sensitive chiral analysis by CE: An update. Electrophoresis, 2008, 29, 237-251.	1.3	54
141	Enantiomeric separation of ornithine in complex mixtures of amino acids by EKC with off-line derivatization with 6-aminoquinolyl-N-hydroxysuccinimidyl carbamate. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 875, 254-259.	1.2	24
142	Enantioselective separation of azole compounds by EKC. Reversal of migration order of enantiomers with CD concentration. Electrophoresis, 2007, 28, 2667-2674.	1.3	38
143	Characterization and differentiation of diverse transgenic and nontransgenic soybean varieties from CE protein profiles. Electrophoresis, 2007, 28, 2314-2323.	1.3	25
144	CE methods for the determination of nonâ€protein amino acids in foods. Electrophoresis, 2007, 28, 4031-4045.	1.3	24

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145	Reversed-phase high-performance liquid chromatography applied to the determination of soybean proteins in commercial heat-processed meat products. Analytica Chimica Acta, 2006, 559, 215-220.	2.6	11
146	Fractionation of chlorinated and brominated persistent organic pollutants in several food samples by pyrenyl-silica liquid chromatography prior to GCâ€“MS determination. Analytica Chimica Acta, 2006, 565, 208-213.	2.6	21
147	Identification and quantitation of cis-ketoconazole impurity by capillary zone electrophoresisâ€“mass spectrometry. Journal of Chromatography A, 2006, 1114, 170-177.	1.8	25
148	Development of a capillary electrophoresis method for the determination of soybean proteins in soybeanâ€“rice gluten-free dietary products. Electrophoresis, 2006, 27, 452-460.	1.3	10
149	Sensitive chiral analysis by capillary electrophoresis. Electrophoresis, 2006, 27, 195-212.	1.3	47
150	Recent advances in the analysis of antibiotics by capillary electrophoresis. Electrophoresis, 2006, 27, 266-282.	1.3	67
151	Enantiomeric separation of organophosphorus pesticides by capillary electrophoresis. Analytica Chimica Acta, 2005, 543, 77-83.	2.6	68
152	Separation of etodolac enantiomers by capillary electrophoresis. Validation and application of the chiral method to the analysis of commercial formulations. Electrophoresis, 2005, 26, 1106-1113.	1.3	30
153	Enantioselective separation of the sunscreen agent 3-(4-methylbenzylidene)-camphor by electrokinetic chromatography: Quantitative analysis in cosmetic formulations. Electrophoresis, 2005, 26, 3952-3959.	1.3	7
154	Detection and quantitation of additions of soybean proteins in cured-meat products by perfusion reversed-phase high-performance liquid chromatography. Journal of Separation Science, 2005, 28, 987-995.	1.3	19
155	Separation and online preconcentration by multistep stacking with large-volume injection of anabolic steroids by capillary electrokinetic chromatography using charged cyclodextrins and UV-absorption detection. Journal of Separation Science, 2005, 28, 2200-2209.	1.3	18
156	Chiral analysis by capillary electrophoresis. Comprehensive Analytical Chemistry, 2005, , 617-701.	0.7	2
157	Enantioselective room temperature phosphorescence detection of non-phosphorescent analytes based on interaction with Î²-cyclodextrin/1-bromonaphthalene complexes. Talanta, 2005, 66, 634-640.	2.9	20
158	Enantioselective detection of chiral phosphorescent analytes in cyclodextrin complexes. Talanta, 2005, 66, 641-645.	2.9	19
159	Quenched Phosphorescence as a Detection Method in Capillary Electrophoretic Chiral Separations. Monitoring the Stereoselective Biodegradation of Camphorquinone by Yeast. Analytical Chemistry, 2004, 76, 399-403.	3.2	14
160	Comparison of charged cyclodextrin derivatives for the chiral separation of atropisomeric polychlorinated biphenyls by capillary electrophoresis. Electrophoresis, 2003, 24, 2657-2664.	1.3	27
161	Rapid determination of salbutamol in pharmaceutical preparations by chiral capillary electrophoresis. Electrophoresis, 2003, 24, 2680-2686.	1.3	23
162	Retention modeling and resolution optimization for a group of N-phenylpyrazole derivatives in micellar electrokinetic chromatography using empirical and physicochemical models. Electrophoresis, 2003, 24, 325-335.	1.3	10

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163	Monitoring the stereoselectivity of biodegradation of chiral polychlorinated biphenyls using electrokinetic chromatography. Journal of Separation Science, 2002, 25, 17-22.	1.3	15
164	Rapid separation of tetracycline derivatives and their main degradation products by capillary zone electrophoresis. Electrophoresis, 2001, 22, 2775-2781.	1.3	20
165	Fast enantiomeric separation of basis drugs by electrokinetic chromatography. Application to the quantitation of terbutaline in a pharmaceutical preparation. Electrophoresis, 2001, 22, 3191-3197.	1.3	17
166	Enantiomeric separation of chiral phenoxy acid herbicides by electrokinetic chromatography. Application to the determination of analyte-selector apparent binding constants for enantiomers. Electrophoresis, 2001, 22, 3216-3225.	1.3	32
167	Laser-induced fluorescence detection at 266 nm in capillary electrophoresis. Journal of Chromatography A, 2001, 907, 291-299.	1.8	38
168	Rapid enantiomeric separation of polychlorinated biphenyls by electrokinetic chromatography using mixtures of neutral and charged cyclodextrin derivatives. Journal of Chromatography A, 2001, 910, 157-164.	1.8	35
169	Enantiomeric separation of a group of chiral dihydropyridines by electrokinetic chromatography. Electrophoresis, 2000, 21, 1565-1573.	1.3	11
170	Separation of a group ofN-phenylpyrazole derivatives by micellar electrokinetic chromatography: Application to the determination of solute-micelle association constants and estimation of the hydrophobicity. Electrophoresis, 2000, 21, 2424-2431.	1.3	9
171	Fast enantiomeric separation of uniconazole and diniconazole by electrokinetic chromatography using an anionic cyclodextrin: Application to the determination of analyte-selector apparent binding constants for enantiomers. Electrophoresis, 2000, 21, 3240-3248.	1.3	23
172	Analysis of bovine whey proteins in soybean dairy-like products by capillary electrophoresis. Journal of Chromatography A, 1999, 859, 77-86.	1.8	20
173	Characterization and quantitation of soybean proteins in commercial soybean products by capillary electrophoresis. Electrophoresis, 1999, 20, 2003-2012.	1.3	13
174	A practical beginnerâ€™s guide to Raman microscopy. Applied Spectroscopy Reviews, 0, , 1-24.	3.4	10
175	Peer actions for a service learning project to prevent drug-facilitated sexual assaults. , 0, , .		0