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List of Publications by Year in Descending Order

332 papers	7,058 citations	42 h-index	57 g-index
336 ext. papers	7,655 ext. citations	5.7 avg, IF	6.13 L-index

#	Paper	IF	Citations
332	Design of a 3D interfacial SERS liquid sensing platform based on Au-nanobones for discrimination and quantitation of quercetin loaded nanoemulsions. *Sensors and Actuators B: Chemical*, **2022**, 358, 131509	8.5	0
331	Innovative and versatile nanoplasmonic approach for the full sensing of proteinogenic aminoacids in nutritional supplements. *Talanta*, **2022**, 237, 122976	6.2	
330	Graphene quantum dots an efficient nanomaterial for enhancing the photostability of trans-resveratrol in food samples.. *Food Chemistry*, **2022**, 386, 132766	8.5	3
329	Detection of Porphyrins in Hair Using Capillary Liquid Chromatography-Mass Spectrometry. *International Journal of Molecular Sciences*, **2022**, 23, 6230	6.3	
328	Analysis of Food Additives by Capillary Electrophoresis. *Current and Future Developments in Food Science*, **2022**, 252-290	1	
327	Cyclodextrin-modified graphene quantum dots as a novel additive for the selective separation of bioactive compounds by capillary electrophoresis. *Mikrochimica Acta*, **2021**, 188, 440	5.8	0
326	Surface Polymers on Multiwalled Carbon Nanotubes for Selective Extraction and Electrochemical Determination of Rhodamine B in Food Samples. *Molecules*, **2021**, 26,	4.8	4
325	A Comparative Study of Top-Down and Bottom-Up Carbon Nanodots and Their Interaction with Mercury Ions. *Nanomaterials*, **2021**, 11,	5.4	8
324	Ionic liquid and magnetic multiwalled carbon nanotubes for extraction of N-methylcarbamate pesticides from water samples prior their determination by capillary electrophoresis. *Talanta*, **2021**, 226, 122106	6.2	11
323	Carbon dots â Separative techniques: Tools-objective towards green analytical nanometrology focused on bioanalysis. *Microchemical Journal*, **2021**, 161, 105773	4.8	3
322	Screening-confirmation strategy for nanomaterials involving spectroscopic analytical techniques and its application to the control of silver nanoparticles in pastry samples. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2021**, 246, 119015	4.4	2
321	A method based on asymmetric flow field flow fractionation hyphenated to inductively coupled plasma mass spectrometry for the monitoring of platinum nanoparticles in water samples. *Talanta*, **2021**, 222, 121513	6.2	8
320	Contributions of Capillary Electrophoresis in Analytical Nanometrology: A Critical View. *Critical Reviews in Analytical Chemistry*, **2021**, 1-27	5.2	0
319	Green Separation Techniques for-omics Platforms. Analytical Microsystems **2021**, 662-689		
318	A simple analytical methodology for platinum nanoparticles control in complex clinical matrices via SP-ICP-MS. *Talanta*, **2021**, 231, 122370	6.2	9
317	Rapid assessment of silver nanoparticle migration from food containers into food simulants using a qualitative method. *Food Chemistry*, **2021**, 361, 130091	8.5	2
316	Magnetic hybrid nanoparticles for improvements in analytical processes **2021**, 637-677		

315	A rapid and simple approach for the characterization and quantification of gold nanoparticles in cell culture medium by single particle-ICP-MS. *Journal of Analytical Atomic Spectrometry*, **2021**, 36, 528-534	3.7	3
314	AF4-ICP-MS as a powerful tool for the separation of gold nanorods and nanospheres. *Journal of Analytical Atomic Spectrometry*, **2020**, 35, 1530-1536	3.7	3
313	Magnetic solid phase extraction as a valuable tool for elemental speciation analysis. *Trends in Environmental Analytical Chemistry*, **2020**, 27, e00097	12	8
312	Erythrosine B â□coated gold nanoparticles as an analytical sensing tool for the proper determination of both compounds based on surface-enhanced Raman spectroscopy. *Microchemical Journal*, **2020**, 157, 104937	4.8	6
311	A screen-printed electrode modified with silver nanoparticles and carbon nanofibers in a nafion matrix for ionic liquid-based dispersive liquid-liquid microextraction and voltammetric assay of heterocyclic amine 8-MeIQx in food. *Mikrochimica Acta*, **2020**, 187, 190	5.8	6
310	LC-MS determination of catecholamines and related metabolites in red deer urine and hair extracted using magnetic multi-walled carbon nanotube poly(styrene-co-divinylbenzene) composite. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2020**, 1136, 121878	3.2	6
309	A new nanometrological strategy for titanium dioxide nanoparticles screening and confirmation in personal care products by CE-spICP-MS. *Talanta*, **2020**, 219, 121385	6.2	3
308	Discrimination between nanocurcumin and free curcumin using graphene quantum dots as a selective fluorescence probe. *Mikrochimica Acta*, **2020**, 187, 446	5.8	6
307	A sensitive electrochemical sensor based on aluminium doped copper selenide nanoparticles-modified screen printed carbon electrode for determination of L-tyrosine in pharmaceutical samples. *Journal of Electroanalytical Chemistry*, **2020**, 874, 114466	4.1	9
306	Detection of Dopamine in Human Fluids Using N-Doped Carbon Dots. *ACS Applied Nano Materials*, **2020**, 3, 8004-8011	5.6	18
305	Carbon-based nanodots as effective electrochemical sensing tools toward the simultaneous detection of bioactive compounds in complex matrices. *Journal of Electroanalytical Chemistry*, **2020**, 878, 114573	4.1	4
304	Strategies for antidepressants extraction from biological specimens using nanomaterials for analytical purposes: A review. *Microchemical Journal*, **2019**, 150, 104193	4.8	10
303	Feedback-Seeking Behavior in Language Learning: Basic Components and Motivational Antecedents. *Modern Language Journal*, **2019**, 103, 205-226	4.7	31
302	Graphene quantum dots for enhancement of fluorimetric detection coupled to capillary electrophoresis for detection of ofloxacin. *Electrophoresis*, **2019**, 40, 2336-2341	3.6	12
301	Analytical control of Rhodamine B by SERS using reduced graphene decorated with copper selenide. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2019**, 223, 117302	4.4	11
300	Analytical control of nanodelivery lipid-based systems for encapsulation of nutraceuticals: Achievements and challenges. *Trends in Food Science and Technology*, **2019**, 90, 47-62	15.3	21
299	Unique evolution of vitamin A as an external pigment in tropical starlings. *Journal of Experimental Biology*, **2019**, 222,	3	2
298	Analytical reliability of simple, rapid, minuturizated, direct analytical processes: A call to arms. *TrAC - Trends in Analytical Chemistry*, **2019**, 114, 98-107	14.6	8

297	Analytical metrology for nanomaterials: Present achievements and future challenges. *Analytica Chimica Acta*, **2019**, 1059, 1-15	6.6	29
296	Decoration of graphene oxide with copper selenide in supercritical carbon dioxide medium as a novel approach for electrochemical sensing of eugenol in various samples. *Journal of Supercritical Fluids*, **2019**, 153, 104597	4.2	12
295	Screening and Preliminary Biochemical and Biological Studies of [RuCl(-cymene)(,-bis(diphenylphosphino)-isopropylamine)][BF] in Breast Cancer Models. *ACS Omega* , **2019**, 4, 13005-13014	3.9	2
294	Unprecedented high catecholamine production causing hair pigmentation after urinary excretion in red deer. *Cellular and Molecular Life Sciences*, **2019**, 76, 397-404	10.3	10
293	Nanostructured hybrid surface enhancement Raman scattering substrate for the rapid determination of sulfapyridine in milk samples. *Talanta*, **2019**, 194, 357-362	6.2	16
292	Analytical nanometrological approach for screening and confirmation of titanium dioxide nano/micro-particles in sugary samples based on Raman spectroscopy - Capillary electrophoresis. *Analytica Chimica Acta*, **2019**, 1050, 169-175	6.6	9
291	Ionic liquid dispersive liquid-liquid microextraction combined with LC-UV-Vis for the fast and simultaneous determination of cortisone and cortisol in human saliva samples. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 165, 141-146	3.5	19
290	Analytical strategy based on asymmetric flow field flow fractionation hyphenated to ICP-MS and complementary techniques to study gold nanoparticles transformations in cell culture medium. *Analytica Chimica Acta*, **2019**, 1053, 178-185	6.6	16
289	Development and Validation of an Electrochemical Screening Methodology for Sulfonamide Residue Control in Milk Samples Using a Graphene Quantum Dots@Nafion Modified Glassy Carbon Electrode. *Food Analytical Methods*, **2018**, 11, 1711-1721	3.4	9
288	Capillary electrophoresis method for the discrimination between natural and artificial vanilla flavor for controlling food frauds. *Electrophoresis*, **2018**, 39, 1628-1633	3.6	5
287	Direct determination of graphene quantum dots based on terbium-sensitized luminescence. *Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy*, **2018**, 198, 177-181	4.4	4
286	Determination of vanillin by using gold nanoparticle-modified screen-printed carbon electrode modified with graphene quantum dots and Nafion. *Mikrochimica Acta*, **2018**, 185, 204	5.8	23
285	Determination of antidepressants in human urine extracted by magnetic multiwalled carbon nanotube poly(styrene-co-divinylbenzene) composites and separation by capillary electrophoresis. *Electrophoresis*, **2018**, 39, 1808	3.6	18
284	Development of an Aluminium Doped TiO2 Nanoparticles-modified Screen Printed Carbon Electrode for Electrochemical Sensing of Vanillin in Food Samples. *Electroanalysis*, **2018**, 30, 969-974	3	15
283	Use of capillary electrophoresis for characterisation of vinyl-terminated Au nanoprisms and nanooctahedra. *Electrophoresis*, **2018**, 39, 1437-1442	3.6	4
282	Synthesis of hybrid magnetic carbon nanotubes â C18-modified nano SiO2 under supercritical carbon dioxide media and their analytical potential for solid-phase extraction of pesticides. *Journal of Supercritical Fluids*, **2018**, 137, 66-73	4.2	13
281	Analytical Nanoscience and Nanotechnology: Where we are and where we are heading. *Talanta*, **2018**, 177, 104-121	6.2	43
280	Magnetic multi-walled carbon nanotube poly(styrene-co-divinylbenzene) for propranolol extraction and separation by capillary electrophoresis. *Bioanalysis*, **2018**, 10, 1193-1205	2.1	3

279	Magnetic multi-walled carbon nanotubes as a valuable option for the preconcentration of non-steroidal anti-inflammatory drugs in water. *Separation Science Plus*, **2018**, 1, 549-555	1.1	4
278	Magnetic nanocellulose hybrid nanoparticles and ionic liquid for extraction of neonicotinoid insecticides from milk samples prior to determination by liquid chromatography-mass spectrometry. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2018**, 35, 1755-1766	3.2	11
277	A simple poly(styrene-co-divinylbenzene)-coated glass blood spot method for monitoring of seven antidepressants using capillary liquid chromatography-mass spectrometry. *Talanta*, **2018**, 188, 772-778	6.2	10
276	Carbon nanotubes magnetic hybrid nanocomposites for a rapid and selective preconcentration and clean-up of mercury species in water samples. *Talanta*, **2018**, 179, 442-447	6.2	34
275	Magnetic cellulose nanoparticles coated with ionic liquid as a new material for the simple and fast monitoring of emerging pollutants in waters by magnetic solid phase extraction. *Microchemical Journal*, **2018**, 137, 490-495	4.8	56
274	Graphene quantum dots-terbium ions as novel sensitive and selective time-resolved luminescent probes. *Analytical and Bioanalytical Chemistry*, **2018**, 410, 391-398	4.4	10
273	Nanomaterials for water cleaning and desalination, energy production, disinfection, agriculture and green chemistry. *Environmental Chemistry Letters*, **2018**, 16, 11-34	13.3	43
272	Discrimination of penicillamine enantiomers using □-cyclodextrin modified CdSe/ZnS quantum dots. *Mikrochimica Acta*, **2017**, 184, 815-824	5.8	24
271	Magnetic/non-magnetic argan press cake nanocellulose for the selective extraction of sudan dyes in food samples prior to the determination by capillary liquid chromatograpy. *Talanta*, **2017**, 166, 63-69	6.2	35
270	Selective screening of glutaric acid acidurias by capillary electrophoresis-mass spectrometry. *Journal of Pharmaceutical and Biomedical Analysis*, **2017**, 145, 40-45	3.5	3
269	Methodology for monitoring gold nanoparticles and dissolved gold species in culture medium and cells used for nanotoxicity tests by liquid chromatography hyphenated to inductively coupled plasma-mass spectrometry. *Talanta*, **2017**, 164, 451-457	6.2	28
268	Dispersed synthesis of uniform Fe3O4 magnetic nanoparticles via in situ decomposition of iron precursor along cotton fibre for Sudan dyes analysis in food samples. *Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment*, **2017**, 34, 1853-1862	3.2	6
267	Magnetic nanoparticles-carbon nanotubes hybrid composites for selective solid-phase extraction of polycyclic aromatic hydrocarbons and determination by ultra-high performance liquid chromatography. *Analytical and Bioanalytical Chemistry*, **2017**, 409, 5125-5132	4.4	30
266	Analysis of penicillamine using Cu-modified graphene quantum dots synthesized from uric acid as single precursor. *Journal of Pharmaceutical Analysis*, **2017**, 7, 324-331	14	26
265	Development and Characterization of Carbon Based Electrodes from Pyrolyzed Paper for Biosensing Applications. *Journal of Electroanalytical Chemistry*, **2016**, 765, 8-15	4.1	36
264	Determination of mutagenic amines in water and food samples by high pressure liquid chromatography with amperometric detection using a multiwall carbon nanotubes-glassy carbon electrode. *Food Chemistry*, **2016**, 192, 343-50	8.5	9
263	Synthesis of CuNP-Modified Carbon Electrodes Obtained by Pyrolysis of Paper. *Sensors and Actuators B: Chemical*, **2016**, 227, 626-633	8.5	28
262	Fluorescence Determination of L-Cysteine in Wound Dressings by Fluoroscein Coated Gold Nanoparticles. *Analytical Letters*, **2016**, 49, 1221-1232	2.2	4

261	Quantum Dot-Modified Paper-Based Assay for Glucose Screening. *Mikrochimica Acta*, **2016**, 183, 611-616	5.8	26
260	Recent advances in magnetic nanomaterials for improving analytical processes. *TrAC - Trends in Analytical Chemistry*, **2016**, 84, 72-83	14.6	97
259	Enantioselective discrimination of menthone enantiomers by using achiral liquid chromatography with circular dichroism detection and penicillamine-coated gold nanoparticles. *Microchemical Journal*, **2016**, 124, 736-742	4.8	5
258	Analysis of silica nanoparticles by capillary electrophoresis coupled to an evaporative light scattering detector. *Analytica Chimica Acta*, **2016**, 923, 82-8	6.6	21
257	Hybrid nanoparticles based on magnetic multiwalled carbon nanotube-nanoC18SiO2 composites for solid phase extraction of mycotoxins prior to their determination by LC-MS. *Mikrochimica Acta*, **2016**, 183, 871-880	5.8	50
256	Decoration of multi-walled carbon nanotubes with metal nanoparticles in supercritical carbon dioxide medium as a novel approach for the modification of screen-printed electrodes. *Talanta*, **2016**, 161, 775-779	6.2	17
255	Fluorescent chemosensor for pyridine based on N-doped carbon dots. *Journal of Colloid and Interface Science*, **2015**, 458, 209-16	9.3	48
254	A novel approach to size separation of gold nanoparticles by capillary electrophoresisâ□vaporative light scattering detection. *RSC Advances*, **2015**, 5, 16672-16677	3.7	31
253	Modern qualitative analysis by miniaturized and microfluidic systems. *TrAC - Trends in Analytical Chemistry*, **2015**, 69, 105-113	14.6	25
252	A continuous method incorporating □cyclodextrin modified CdSe/ZnS quantum dots for determination of ascorbic acid. *Analytical Methods*, **2015**, 7, 3472-3479	3.2	10
251	Microwave-assisted synthesis of carbon dots and its potential as analysis of four heterocyclic aromatic amines. *Talanta*, **2015**, 132, 845-50	6.2	49
250	□Cyclodextrin coated CdSe/ZnS quantum dots for vanillin sensoring in food samples. *Talanta*, **2015**, 131, 286-91	6.2	35
249	Sensoring Strategies Using Quantum Dots: A Critical View. *Current Organic Chemistry*, **2015**, 19, 1134-1149	1.7	6
248	Determination of sulfonamides in milk samples by HPLC with amperometric detection using a glassy carbon electrode modified with multiwalled carbon nanotubes. *Journal of Separation Science*, **2014**, 37, 382-9	3.4	20
247	Microwave-assisted synthesis of water soluble thiol capped CdSe/ZnS quantum dots and its interaction with sulfonylurea herbicides. *Journal of Colloid and Interface Science*, **2014**, 428, 235-41	9.3	29
246	Interfacing commercially available capillary electrophoresis to sample preparation and/or detection systems to solve analytical problems. *Reviews in Analytical Chemistry*, **2014**, 33,	2.3	1
245	The Applied Side of Capillary Electrophoresis: A Critical View. *Current Analytical Chemistry*, **2014**, 10, 184-196	1.7	4
244	Magnetic (nano)materials as an useful tool for sample preparation in analytical methods. A review. *Analytical Methods*, **2013**, 5, 4558	3.2	90

243	Validation of a screening method for the rapid control of sulfonamide residues based on electrochemical detection using multiwalled carbon nanotubes-glassy carbon electrodes. *Analytical Methods*, **2013**, 5, 6821	3.2	15
242	Use of Cdse/ZnS quantum dots for sensitive detection and quantification of paraquat in water samples. *Analytica Chimica Acta*, **2013**, 801, 84-90	6.6	37
241	Use of gold nanoparticle-coated sorbent materials for the selective preconcentration of sulfonylurea herbicides in water samples and determination by capillary liquid chromatography. *Talanta*, **2013**, 105, 372-8	6.2	27
240	Sample preparation for micro total analytical systems (□TASs). *TrAC - Trends in Analytical Chemistry* , **2013**, 43, 174-188	14.6	27
239	Pesticide residue levels in peppers cultivated in Souss Masa valley (Morocco) after multiple applications of azoxystrobin and chlorothalonil. *International Journal of Environmental Analytical Chemistry*, **2013**, 93, 499-510	1.8	3
238	Magnetic molecular imprint-based extraction of sulfonylurea herbicides and their determination by capillary liquid chromatography. *Mikrochimica Acta*, **2013**, 180, 363-370	5.8	26
237	Design and adaptation of an interface for commercial capillary electrophoresis-evaporative light scattering detection coupling. *Analytical Chemistry*, **2013**, 85, 4858-62	7.8	9
236	Point of care creatinine measurement for diagnosis of renal disease using a disposable microchip. *Electrophoresis*, **2013**, 34, 2956-61	3.6	8
235	Capillary electrophoresis coupled to evaporative light scattering detection for direct determination of underivatized amino acids: application to tea samples using carboxyled single-walled carbon nanotubes for sample preparation. *Electrophoresis*, **2013**, 34, 2623-31	3.6	13
234	Rapid screening of poly(ethylene glycol) polymers by C18 column-flow injection with piezoelectric detection system. *Microchemical Journal*, **2012**, 103, 135-141	4.8	1
233	Analysis of cypermethrin residues and its main degradation products in soil and formulation samples by gas chromatography-electron impact-mass spectrometry in the selective ion monitoring mode. *International Journal of Environmental Analytical Chemistry*, **2012**, 92, 1378-1388	1.8	6
232	Selective extraction and determination of catecholamines in urine samples by using a dopamine magnetic molecularly imprinted polymer and capillary electrophoresis. *Talanta*, **2012**, 99, 897-903	6.2	71
231	Miniaturization through lab-on-a-chip: utopia or reality for routine laboratories? A review. *Analytica Chimica Acta*, **2012**, 740, 1-11	6.6	168
230	Determination of neonicotinoid insecticides in environmental samples by micellar electrokinetic chromatography using solid-phase treatments. *Electrophoresis*, **2012**, 33, 2969-77	3.6	19
229	Ionic liquids supported on magnetic nanoparticles as a sorbent preconcentration material for sulfonylurea herbicides prior to their determination by capillary liquid chromatography. *Analytical and Bioanalytical Chemistry*, **2012**, 404, 1529-38	4.4	48
228	Screening of non-polar heterocyclic amines in urine by microextraction in packed sorbent-fluorimetric detection and confirmation by capillary liquid chromatography. *Talanta*, **2011**, 83, 1562-7	6.2	24
227	Simplified determination of bacterial contamination by Escherichia coli using a flow injection system with piezoelectric detection. *Mikrochimica Acta*, **2011**, 172, 447-454	5.8	4
226	Nanoparticle-based assay for the detection of virgin argan oil adulteration and its rapid quality evaluation. *Analytical and Bioanalytical Chemistry*, **2011**, 399, 2395-405	4.4	29

225	Determination of sudan dyes in food samples using supercritical fluid extractionâ□capillary liquid chromatography. *Journal of Supercritical Fluids*, **2011**, 55, 977-982	4.2	31
224	Analytical characterization of alcohol-ethoxylate substances by instrumental separation techniques. *TrAC - Trends in Analytical Chemistry*, **2011**, 30, 1018-1034	14.6	10
223	Bioanalytical applications using supercritical fluid techniques. *Bioanalysis*, **2010**, 2, 9-25	2.1	26
222	State-of-the-art of (bio)chemical sensor developments in analytical Spanish groups. *Sensors*, **2010**, 10, 2511-76	3.8	25
221	Determination of heterocyclic amines in urine samples by capillary liquid chromatography with evaporated light-scattering detection. *Analytical and Bioanalytical Chemistry*, **2010**, 397, 223-231	4.4	11
220	Achiral liquid chromatography with circular dichroism detection for the determination of carnitine enantiomers in dietary supplements and pharmaceutical formulations. *Journal of Pharmaceutical and Biomedical Analysis*, **2010**, 51, 478-83	3.5	19
219	Analytical characterization of PEG polymers by MEKC. *Electrophoresis*, **2010**, 31, 679-87	3.6	6
218	Simultaneous determination of six non-polar heterocyclic amines in meat samples by supercritical fluid extraction-capillary electrophoresis under fluorimetric detection. *Electrophoresis*, **2010**, 31, 2165-73	3.6	12
217	Use of toxicity assays for enantiomeric discrimination of pharmaceutical substances. *Chirality*, **2009**, 21, 751-9	2.1	68
216	Screening and confirmatory methods for the analysis of macrocyclic lactone mycotoxins by CE with amperometric detection. *Electrophoresis*, **2009**, 30, 499-506	3.6	20
215	Fast single run of vanilla fingerprint markers on microfluidic-electrochemistry chip for confirmation of common frauds. *Electrophoresis*, **2009**, 30, 3413-8	3.6	23
214	Liquid-phase microextraction techniques for simplifying sample treatment in capillary electrophoresis. *TrAC - Trends in Analytical Chemistry*, **2009**, 28, 842-853	14.6	47
213	Fast supercritical fluid extraction of low- and high-density polyethylene additives: Comparison with conventional reflux and automatic Soxhlet extraction. *Journal of Supercritical Fluids*, **2009**, 50, 22-28	4.2	43
212	Determination of alkenylbenzenes and related flavour compounds in food samples by on-column preconcentration-capillary liquid chromatography. *Journal of Chromatography A*, **2009**, 1216, 7179-85	4.5	27
211	Development of a novel biotoxicity screening assay for analytical use. *Chemosphere*, **2009**, 76, 959-66	8.4	1
210	Supercritical fluid extraction--achiral liquid chromatography with circular dichroism detection for the determination of menthone enantiomers in natural peppermint oil samples. *Talanta*, **2009**, 79, 284-8	6.2	13
209	Micro-electromechanical sensors in the analytical field. *Analyst, The*, **2009**, 134, 1274-90	5	44
208	Characterization and analytical validation of a microcantilever-based sensor for the determination of total carbonate in soil samples. *Sensors and Actuators B: Chemical*, **2008**, 134, 245-251	8.5	13

207	Validation of a screening method for rapid control of macrocyclic lactone mycotoxins in maize flour samples. *Analytical and Bioanalytical Chemistry*, **2008**, 391, 709-14	4.4	15
206	Rapid characterization of fatty alcohol ethoxylates by non-aqueous capillary electrophoresis. *Electrophoresis*, **2008**, 29, 3060-8	3.6	9
205	Supercritical fluid extraction as an on-line clean-up technique for determination of riboflavin vitamins in food samples by capillary electrophoresis with fluorimetric detection. *Electrophoresis*, **2008**, 29, 3213-9	3.6	24
204	Supercritical fluid extraction of macrocyclic lactone mycotoxins in maize flour samples for rapid amperometric screening and alternative liquid chromatographic method for confirmation. *Journal of Chromatography A*, **2008**, 1177, 50-7	4.5	24
203	Supercritical fluid extraction as an on-line clean-up technique for rapid amperometric screening and alternative liquid chromatography for confirmation of paraquat and diquat in olive oil samples. *Journal of Chromatography A*, **2008**, 1204, 56-61	4.5	25
202	Determination of zearalenone and its metabolites in urine samples by liquid chromatography with electrochemical detection using a carbon nanotube-modified electrode. *Journal of Chromatography A*, **2008**, 1212, 54-60	4.5	45
201	Molecularly imprinted polymers for selective piezoelectric sensing of small molecules. *TrAC - Trends in Analytical Chemistry*, **2008**, 27, 54-65	14.6	78
200	Capillary electrophoresis separation of microorganisms. *Methods in Molecular Biology*, **2008**, 384, 569-90	1.4	3
199	Integrated 2-D CE. *Electrophoresis*, **2007**, 28, 1345-51	3.6	13
198	On-line coupling of solid-phase microextraction to commercial CE-MS equipment. *Electrophoresis*, **2007**, 28, 1312-8	3.6	34
197	In-line liquid-phase microextraction for selective enrichment and direct electrophoretic analysis of acidic drugs. *Electrophoresis*, **2007**, 28, 3284-9	3.6	39
196	Rapid sample screening method for authenticity controlling vanilla flavors using a CE microchip approach with electrochemical detection. *Electrophoresis*, **2007**, 28, 4233-9	3.6	27
195	Self-assembled monolayer-based piezoelectric flow immunosensor for the determination of canine immunoglobulin. *Biosensors and Bioelectronics*, **2007**, 22, 3217-23	11.8	25
194	Supported liquid membrane-modified piezoelectric flow sensor with molecularly imprinted polymer for the determination of vanillin in food samples. *Talanta*, **2007**, 72, 1362-9	6.2	43
193	Method of determination of nitrosamines in sausages by CO2 supercritical fluid extraction (SFE) and micellar electrokinetic chromatography (MEKC). *Journal of Agricultural and Food Chemistry*, **2007**, 55, 603-7	5.7	16
192	New supported liquid membrane-capillary electrophoresis in-line arrangement for direct selective analysis of complex samples. *Electrophoresis*, **2006**, 27, 3075-85	3.6	30
191	Microemulsion electrokinetic chromatography separation by using hexane-in-water microemulsions without cosurfactant: comparison with MEKC. *Electrophoresis*, **2006**, 27, 4439-45	3.6	10
190	Determinação simultânea de resíduos de cloranfenicol, tianfenicol e florfenicol em leite bovino por cromatografia eletrocinética micelar. *Quimica Nova*, **2006**, 29, 926-931	1.6	7

189	Use of basic amphiprotic organic solvents containing neutral-surfactant aggregates as pseudostationary phase in non-aqueous capillary electrophoresis. *Analytica Chimica Acta*, **2006**, 560, 69-76	6.6	6
188	Determination of total safranal by in situ acid hydrolysis in supercritical fluid media: Application to the quality control of commercial saffron. *Analytica Chimica Acta*, **2006**, 578, 117-21	6.6	40
187	Determination of mandelic acid enantiomers in urine by derivatization in supercritical carbon dioxide prior to their determination by gas chromatography. *Journal of Chromatography A*, **2006**, 1104, 331-6	4.5	6
186	Alternatives for coupling sequential injection systems to commercial capillary electrophoresis-mass spectrometry equipment. *Journal of Chromatography A*, **2006**, 1127, 278-85	4.5	19
185	Challenges of analytical microsystems. *TrAC - Trends in Analytical Chemistry*, **2006**, 25, 467-479	14.6	93
184	Automatic sample preparation in commercial capillary-electrophoresis equipment. *TrAC - Trends in Analytical Chemistry*, **2006**, 25, 968-976	14.6	27
183	Enantioselective Supercritical Fluid Extraction from Racemic Mixtures by Use of Chiral Selectors. *Separation Science and Technology*, **2005**, 39, 459-478	2.5	7
182	Direct determination of total carbonate salts in soil samples by continuous-flow piezoelectric detection. *Talanta*, **2005**, 65, 29-35	6.2	19
181	Fundamentals of capillary electrophoresis. *Comprehensive Analytical Chemistry*, **2005**, 1-30	1.9	11
180	Coupling continuous flow systems to capillary electrophoresis. *Comprehensive Analytical Chemistry*, **2005**, 45, 173-223	1.9	3
179	Reliability of binary analytical responses. *TrAC - Trends in Analytical Chemistry*, **2005**, 24, 509-515	14.6	12
178	Determination of free and total sulphur dioxide in wine by use of an amalgamated piezoelectric sensor. *Analytica Chimica Acta*, **2005**, 535, 65-72	6.6	37
177	An automated screening method for the fast, simple discrimination between natural and artificial colorants in commercial saffron products. *Analytica Chimica Acta*, **2005**, 535, 133-138	6.6	29
176	Development and validation strategies for qualitative spot tests: application to nitrite control in waters. *Analytica Chimica Acta*, **2005**, 537, 223-230	6.6	10
175	Automatic selective determination of caffeine in coffee and tea samples by using a supported liquid membrane-modified piezoelectric flow sensor with molecularly imprinted polymer. *Analytica Chimica Acta*, **2005**, 539, 117-124	6.6	33
174	Use of non-aqueous capillary electrophoresis for the quality control of commercial saffron samples. *Journal of Chromatography A*, **2005**, 1085, 293-8	4.5	35
173	Screening and analytical confirmation of sulfonamide residues in milk by capillary electrophoresis-mass spectrometry. *Electrophoresis*, **2005**, 26, 1567-75	3.6	61
172	Analytical approaches to expanding the use of capillary electrophoresis in routine food analysis. *Journal of Separation Science*, **2005**, 28, 915-24	3.4	16

171	Performance testing activities for analytical assessment of supercritical fluid extractors. *Accreditation and Quality Assurance*, **2005**, 10, 219-228	0.7	2
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