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List of Publications by Citations

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	Miniaturization through lab-on-a-chip: utopia or reality for routine laboratories? A review. *Analytica Chimica Acta*, **2012**, 740, 1-11	6.6	168
331	Supercritical fluid extraction of phenol compounds from olive leaves. *Talanta*, **1998**, 46, 1123-30	6.2	113
330	Recent advances in magnetic nanomaterials for improving analytical processes. *TrAC - Trends in Analytical Chemistry*, **2016**, 84, 72-83	14.6	97
329	Determination of anti-carcinogenic polyphenols present in green tea using capillary electrophoresis coupled to a flow injection system. *Journal of Chromatography A*, **1998**, 827, 113-20	4.5	97
328	Challenges of analytical microsystems. *TrAC - Trends in Analytical Chemistry*, **2006**, 25, 467-479	14.6	93
327	Magnetic (nano)materials as an useful tool for sample preparation in analytical methods. A review. *Analytical Methods*, **2013**, 5, 4558	3.2	90
326	Enhancing sensitivity in capillary electrophoresis. *TrAC - Trends in Analytical Chemistry*, **2003**, 22, 605-614	14.6	84
325	Direct determination of biogenic amines in wine by integrating continuous flow clean-up and capillary electrophoresis with indirect UV detection. *Journal of Chromatography A*, **1998**, 803, 249-60	4.5	81
324	Molecularly imprinted polymers for selective piezoelectric sensing of small molecules. *TrAC - Trends in Analytical Chemistry*, **2008**, 27, 54-65	14.6	78
323	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
322	Selective extraction of astaxanthin from crustaceans by use of supercritical carbon dioxide. *Talanta*, **2004**, 64, 726-31	6.2	70
321	Use of toxicity assays for enantiomeric discrimination of pharmaceutical substances. *Chirality*, **2009**, 21, 751-9	2.1	68
320	Determination of trans-resveratrol and other polyphenols in wines by a continuous flow sample clean-up system followed by capillary electrophoresis separation. *Analytica Chimica Acta*, **1998**, 359, 27-38	6.6	68
319	Flow injectionâ□apillary electrophoresis coupling to automate on-line sample treatment for the determination of inorganic ions in waters. *Journal of Chromatography A*, **1997**, 791, 279-287	4.5	66
318	Liquid-liquid extraction in continuous flow systems without phase separation. *Analytical Chemistry*, **1988**, 60, 2354-2357	7.8	65
317	Screening and analytical confirmation of sulfonamide residues in milk by capillary electrophoresis-mass spectrometry. *Electrophoresis*, **2005**, 26, 1567-75	3.6	61
316	Quality assurance of qualitative analysis in the framework of the European project â□EQUALANâ□ *Accreditation and Quality Assurance*, **2003**, 8, 68-77	0.7	58

315	Screening of aflatoxins in feed samples using a flow system coupled to capillary electrophoresis. *Journal of Chromatography A*, **2002**, 967, 303-14	4.5	57
314	Rapid determination of trace levels of tetracyclines in surface water using a continuous flow manifold coupled to a capillary electrophoresis system. *Analytica Chimica Acta*, **2004**, 517, 89-94	6.6	56
313	Multidetection in unsegmented flow systems with a single detector. *Analytical Chemistry*, **1985**, 57, 1803-1809	7.8	56
312	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
311	Determination of nonsteroidal anti-inflammatory drugs in biological fluids by automatic on-line integration of solid-phase extraction and capillary electrophoresis. *Electrophoresis*, **2001**, 22, 484-90	3.6	55
310	Direct automatic determination of biogenic amines in wine by flow injection-capillary electrophoresis-mass spectrometry. *Electrophoresis*, **2004**, 25, 3427-33	3.6	54
309	Coupling continuous separation techniques to capillary electrophoresis. *Journal of Chromatography A*, **2001**, 924, 3-30	4.5	52
308	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
307	Microwave-assisted synthesis of carbon dots and its potential as analysis of four heterocyclic aromatic amines. *Talanta*, **2015**, 132, 845-50	6.2	49
306	Fluorescent chemosensor for pyridine based on N-doped carbon dots. *Journal of Colloid and Interface Science*, **2015**, 458, 209-16	9.3	48
305	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
304	On-line ion-exchange preconcentration in a flow injection system coupled to capillary electrophoresis for the direct determination of UV absorbing anions. *Analytica Chimica Acta*, **1999**, 390, 39-44	6.6	48
303	Liquid-phase microextraction techniques for simplifying sample treatment in capillary electrophoresis. *TrAC - Trends in Analytical Chemistry*, **2009**, 28, 842-853	14.6	47
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300	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
299	Simultaneous flow-injection determination of chlorpromazine and promethazine by photochemical reaction. *Talanta*, **1991**, 38, 1227-33	6.2	45
298	Micro-electromechanical sensors in the analytical field. *Analyst, The*, **2009**, 134, 1274-90	5	44

297	Analytical Nanoscience and Nanotechnology: Where we are and where we are heading. *Talanta*, **2018**, 177, 104-121	6.2	43
296	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
295	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
294	Supported liquid membranes for the determination of vanillin in food samples with amperometric detection. *Analytica Chimica Acta*, **2000**, 410, 127-134	6.6	43
293	Nanomaterials for water cleaning and desalination, energy production, disinfection, agriculture and green chemistry. *Environmental Chemistry Letters*, **2018**, 16, 11-34	13.3	43
292	A PVCâgraphite composite electrode for electroanalytical use. Preparation and some applications. *Analytica Chimica Acta*, **1997**, 355, 23-32	6.6	42
291	Determination of nitrosamines in preserved sausages by solid-phase extraction-micellar electrokinetic chromatography. *Journal of Chromatography A*, **2003**, 985, 503-12	4.5	42
290	Automatic titrations in unsegmented flow systems based on variable flow-rate patterns: Part 1. Principles and applications to acid-base titrations. *Analytica Chimica Acta*, **1992**, 261, 489-494	6.6	42
289	Photochemicalâspectrofluorimetric determination of phenothiazine compounds by unsegmented-flow methods. *Analyst, The*, **1991**, 116, 171-176	5	42
288	Analytical potential of flow-reversal injection analysis. *Analytical Chemistry*, **1988**, 60, 1540-1545	7.8	42
287	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
286	In-line liquid-phase microextraction for selective enrichment and direct electrophoretic analysis of acidic drugs. *Electrophoresis*, **2007**, 28, 3284-9	3.6	39
285	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
284	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
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280	Simultaneous multiwavelength detection in flow injection analysis. *Analytica Chimica Acta*, **1986**, 179, 279-287	6.6	36

279	New approach to the simultaneous determination of pollutants in waste waters by flow injection analysis. Part I. Anionic pollutants. *Analyst, The*, **1984**, 109, 1487-92	5	36
278	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
277	Cyclodextrin coated CdSe/ZnS quantum dots for vanillin sensoring in food samples. *Talanta*, **2015**, 131, 286-91	6.2	35
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275	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
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273	On-line coupling of solid-phase microextraction to commercial CE-MS equipment. *Electrophoresis*, **2007**, 28, 1312-8	3.6	34
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266	A novel approach to size separation of gold nanoparticles by capillary electrophoresisâevaporative light scattering detection. *RSC Advances*, **2015**, 5, 16672-16677	3.7	31
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255	Analytical metrology for nanomaterials: Present achievements and future challenges. *Analytica Chimica Acta*, **2019**, 1059, 1-15	6.6	29
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251	Monitoring of bacterial contamination in food samples using capillary zone electrophoresis. *Analytical Chemistry*, **2004**, 76, 3012-7	7.8	29
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