

Trends in quality in the analytical laboratory. II. Analytical assurance

TrAC - Trends in Analytical Chemistry

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Quantification of bambuterol hydrochloride in a formulated product using solid-state NMR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 858-864.	1.4	56
2	Evaluation of matrix effect and chromatography efficiency: new parameters for validation of method development. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 1757-1759.	1.2	85
3	Lignans and secoiridoids from the root bark of <i>Chionanthus virginicus</i> L.: isolation, identification and HPLC analysis. <i>Phytochemical Analysis</i> , 2005, 16, 375-379.	1.2	12
4	A "toolbox" for biological and chemical monitoring requirements for the European Union's Water Framework Directive. <i>Talanta</i> , 2006, 69, 302-322.	2.9	304
5	Evaluation of densitometric TLC for quantitative analysis of selected phenolic acids for standardization of propolis concentrates. <i>Journal of Planar Chromatography - Modern TLC</i> , 2006, 19, 449-453.	0.6	2
6	Reversed-Phase High-Performance Liquid Chromatography Determination of Selected Phenolic Acids in Propolis Concentrates in Terms of Standardization For Drug Manufacturing Purposes. <i>Journal of AOAC INTERNATIONAL</i> , 2006, 89, 352-358.	0.7	9
7	Hierarchical classification designs for the estimation of different sources of variability in proficiency testing experiments. <i>Analytica Chimica Acta</i> , 2006, 555, 348-353.	2.6	16
8	Quantitative analysis of malic and citric acids in fruit juices using proton nuclear magnetic resonance spectroscopy. <i>Analytica Chimica Acta</i> , 2006, 556, 462-468.	2.6	90
9	Nonaqueous capillary electrophoresis method for the enantiomeric purity determination of S-timolol using heptakis(2,3-di-O-methyl-6-O-sulfo)- β -cyclodextrin: Validation using the accuracy profile strategy and estimation of uncertainty. <i>Journal of Chromatography A</i> , 2006, 1120, 102-111.	1.8	47
10	Characterization of recovery profiles using gas chromatography-triple quadrupole mass spectrometry for the determination of pesticide residues in meat samples. <i>Journal of Chromatography A</i> , 2006, 1133, 315-321.	1.8	38
11	Multivariate analysis of nystatin and metronidazole in a semi-solid matrix by means of diffuse reflectance NIR spectroscopy and PLS regression. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 51-55.	1.4	24
12	Estimation of uncertainty for the determination of mercury in food by CVAAS. <i>Accreditation and Quality Assurance</i> , 2006, 11, 17-22.	0.4	8
13	Validation and qualification: the fitness for purpose of mass spectrometry-based analytical methods and analytical systems. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 38-45.	1.9	30
14	Optimisation of solid-phase microextraction coupled to HPLC-UV for the determination of organochlorine pesticides and their metabolites in environmental liquid samples. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 332-340.	1.9	27
15	Rapid phase-compositional assessment of lipid-based food products by time domain NMR. <i>Magnetic Resonance in Chemistry</i> , 2006, 44, 1023-1030.	1.1	38
16	Validation in context of bioanalytical research papers. <i>Journal of Separation Science</i> , 2006, 29, 2555-2556.	1.3	1
17	The Role of and the Place of Method Validation in the Quality Assurance and Quality Control (QA/QC) System. <i>Critical Reviews in Analytical Chemistry</i> , 2007, 37, 173-190.	1.8	63
18	Validation of a Method for Predicting the Precision, Limit of Detection and Range of Quantitation in Competitive ELISA. <i>Analytical Sciences</i> , 2007, 23, 215-218.	0.8	8

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19	TLC-UV analysis of indole compounds and other nitrogen-containing bases in the fruiting bodies of <i>Lactarius deterrimus</i> . <i>Journal of Planar Chromatography - Modern TLC</i> , 2007, 20, 57-60.	0.6	17
20	Analytical Aspects of Plant Metabolite Profiling Platforms: Current Standings and Future Aims. <i>Journal of Proteome Research</i> , 2007, 6, 480-497.	1.8	94
21	Flame Atomic Absorption Spectrometry Assay for Copper Determination in Pharmaceutical Products for Veterinary Use. <i>Analytical Letters</i> , 2007, 40, 2097-2104.	1.0	2
22	Microwave-Assisted Sample Preparation of Coal and Coal Fly Ash for Subsequent Metal Determination. <i>Analytical Letters</i> , 2007, 40, 199-232.	1.0	21
23	Emerging tools and sustainability of water-quality monitoring. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 308-314.	5.8	7
24	A practical guide to analytical method validation, including measurement uncertainty and accuracy profiles. <i>TrAC - Trends in Analytical Chemistry</i> , 2007, 26, 227-238.	5.8	482
25	Validation of new methods. <i>Forensic Science International</i> , 2007, 165, 216-224.	1.3	1,093
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27	Validation of analytical methods based on accuracy profiles. <i>Journal of Chromatography A</i> , 2007, 1158, 174-183.	1.8	164
28	Optimisation, validation and application of a capillary electrophoretic method for the determination of zafirlukast in pharmaceutical formulations. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 16-22.	1.4	15
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32	Development of a CZE Method for the Determination of Olmesartan Medoxomil in Tablets. <i>Chromatographia</i> , 2007, 66, 929-933.	0.7	22
33	Solid-phase microextraction of benzimidazole fungicides in environmental liquid samples and HPLC-fluorescence determination. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 387, 1957-1963.	1.9	53
34	Detecting penicillin G in milk with impedimetric label-free immunosensor. <i>Biosensors and Bioelectronics</i> , 2007, 23, 688-694.	5.3	78
35	Preconcentration of pharmaceuticals residues in sediment samples using microwave assisted micellar extraction coupled with solid phase extraction and their determination by HPLC-UV. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 863, 150-157.	1.2	36
36	Method Validation and Quality Management in the Flexible Scope of Accreditation: An Example of Laboratories Testing for Genetically Modified Organisms. <i>Food Analytical Methods</i> , 2008, 1, 61-72.	1.3	50
37	Microwave-assisted micellar extraction coupled with solid-phase extraction for preconcentration of pharmaceuticals in molluscs prior to determination by HPLC. <i>Biomedical Chromatography</i> , 2008, 22, 1115-1122.	0.8	36

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39	Label-free capacitive immunosensor for microcystin-LR using self-assembled thiourea monolayer incorporated with Ag nanoparticles on gold electrode. <i>Biosensors and Bioelectronics</i> , 2008, 24, 78-86.	5.3	120
40	Mixed hemimicelles solid-phase extraction based on cetyltrimethylammonium bromide-coated nano-magnets Fe ₃ O ₄ for the determination of chlorophenols in environmental water samples coupled with liquid chromatography/spectrophotometry detection. <i>Journal of Chromatography A</i> , 2008, 1180, 24-31.	1.8	193
41	Chapter 3 Guidelines on Quality Implementation for Analytical Methods. <i>Comprehensive Analytical Chemistry</i> , 2008, , 77-89.	0.7	0
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43	Analysis of phthalates via HPLC-UV in environmental water samples after concentration by solid-phase extraction using ionic liquid mixed hemimicelles. <i>Talanta</i> , 2008, 74, 498-504.	2.9	154
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46	Ion-pair Solid-Phase Extraction of Trace Amounts of Ionic Liquid Cations in Fresh and Seawater Samples. <i>Analytical Sciences</i> , 2008, 24, 1255-1259.	0.8	13
49	Validation of an Alternative Method for Counting Enterobacteriaceae in Foods Based on Accuracy Profile. <i>Journal of AOAC INTERNATIONAL</i> , 2009, 92, 527-537.	0.7	11
50	Disposable Electrodes for Capacitive Immunosensor. <i>Electroanalysis</i> , 2009, 21, 1066-1074.	1.5	24
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52	Simultaneous determination of ofloxacin and ornidazole in pharmaceutical preparations by capillary zone electrophoresis. <i>Biomedical Chromatography</i> , 2009, 23, 1283-1290.	0.8	36
53	Assay and stability-indicating micellar electrokinetic chromatography method for the simultaneous determination of valacyclovir, acyclovir and their major impurity guanine in pharmaceutical formulations. <i>Biomedical Chromatography</i> , 2010, 24, 535-543.	0.8	20
54	Square-wave adsorptive stripping voltammetric determination of candesartan cilexetil in pharmaceutical formulations. <i>Journal of Applied Electrochemistry</i> , 2009, 39, 1535-1543.	1.5	12
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59	Capacitive biosensor for quantification of trace amounts of DNA. <i>Biosensors and Bioelectronics</i> , 2009, 24, 2559-2565.	5.3	30
60	Simultaneous Determination of Major Constituents of Honeybee Venom by LC-DAD. <i>Chromatographia</i> , 2009, 69, 1401-1405.	0.7	33
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63	Optimization of multiple reaction monitoring mode for the trace analysis of veterinary sulfonamides by LC-MS/MS. <i>Talanta</i> , 2009, 80, 947-953.	2.9	41
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70	Inter-laboratory exercise on steroid estrogens in aqueous samples. <i>Environmental Pollution</i> , 2010, 158, 658-662.	3.7	19
71	Proficiency tests for contaminants in food and herbal medicine in the Asia Pacific region. <i>TrAC - Trends in Analytical Chemistry</i> , 2010, 29, 562-576.	5.8	21
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78	Second interlaboratory exercise on non-steroidal anti-inflammatory drug analysis in environmental aqueous samples. <i>Talanta</i> , 2010, 81, 1189-1196.	2.9	45
79	Quantitative analysis of boldine alkaloid in natural extracts by cyclic voltammetry at a liquid-liquid interface and validation of the method by comparison with high performance liquid chromatography. <i>Talanta</i> , 2010, 83, 623-630.	2.9	20
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95	Square-wave adsorptive voltammetry of dexamethasone: Redox mechanism, kinetic properties, and electroanalytical determinations in multicomponent formulations. <i>Analytical Biochemistry</i> , 2011, 413, 148-156.	1.1	26

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97	Electroanalytical parameters of carbon nanotubes are inferior with respect to well defined surfaces of glassy carbon and EPPG. <i>Electrochemistry Communications</i> , 2011, 13, 213-216.	2.3	16
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100	Erythrocyte Galactose-1-phosphate measurement by GC-MS in the monitoring of classical galactosemia. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2012, 72, 29-33.	0.6	5
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103	An LC/MS/MS Method for the Analysis of Furocoumarins in Citrus Oil. <i>ACS Symposium Series</i> , 2012, , 71-88.	0.5	8
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110	Development of a Method for the Quantitation of Chloro-, Bromo-, and Iodoacetic Acids in Alcoholic Beverages. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 725-730.	2.4	4
111	An RNA Aptamer-Based Microcantilever Sensor To Detect the Inflammatory Marker, Mouse Lipocalin-2. <i>Analytical Chemistry</i> , 2012, 84, 8763-8770.	3.2	28
112	Validation of an analytical method for the determination of ethyl carbamate in vinegars. <i>Talanta</i> , 2012, 89, 178-182.	2.9	22
113	Effects of grinding and shaking on Cd, Pb and Zn distribution in anthropogenically impacted soils. <i>Talanta</i> , 2012, 98, 185-196.	2.9	19

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115	Validation of a HPLC-tandem MS/MS method for pharmacokinetics study of (+)-pinorensinol-di- β -d-glucopyranoside from <i>Eucommia ulmoides</i> Oliv extract in ratsâ€™ plasma. <i>Journal of Ethnopharmacology</i> , 2012, 139, 337-342.	2.0	17
116	A highly sensitive capillary electrophoresis method using p-nitrophenyl 5â€™-thymidine monophosphate as a substrate for the monitoring of nucleotide pyrophosphatase/phosphodiesterase activities. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 911, 162-169.	1.2	18
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120	Geographical variability of environmental parameters versus GPS precision: Toward a better sampling strategy. <i>Marine Pollution Bulletin</i> , 2012, 64, 2507-2518.	2.3	6
121	Optimisation of an in-tube solid phase microextraction method coupled with HPLC for determination of some oestrogens in environmental liquid samples using different capillary columns. <i>International Journal of Environmental Analytical Chemistry</i> , 2012, 92, 382-396.	1.8	17
122	Aflatoxigenic Fungi and Aflatoxins in Portuguese Almonds. <i>Scientific World Journal</i> , The, 2012, 2012, 1-9.	0.8	20
123	New Method for Simultaneous Quantification of 12 Ginsenosides in Red Ginseng Powder and Extract: In-house Method Validation. <i>Journal of Ginseng Research</i> , 2012, 36, 205-210.	3.0	16
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130	Essential steps to providing reliable results using the Analytical Quality Assurance Cycle. <i>TrAC - Trends in Analytical Chemistry</i> , 2012, 35, 109-121.	5.8	27
131	Identification of possible technical problems in determination of the major inorganic constituents of brown-rice flour by evaluating proficiency test results. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 8347-8362.	1.9	7

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133	$\delta^{15}\text{N}$ measurement of organic and inorganic substances by EA-IRMS: a speciation-dependent procedure. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 159-176.	1.9	30
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136	A fast, reliable, ultra high performance liquid chromatography method for the simultaneous determination of amino acids, biogenic amines and ammonium ions in cheese, using diethyl ethoxymethylenemalonate as a derivatising agent. <i>Food Chemistry</i> , 2013, 139, 1029-1035.	4.2	126
137	Validation of a New 96-Well Plate Spectrophotometric Method for the Quantification of Compound 48/80 Associated with Particles. <i>AAPS PharmSciTech</i> , 2013, 14, 649-655.	1.5	5
138	Validated voltammetric determination of olmesartan medoxomil: Method development and electrochemical behaviors investigation. <i>Analytical Methods</i> , 2013, 5, 1301.	1.3	5
139	QuEChERS and soil analysis. An Overview.. <i>Sample Preparation</i> , 2013, 1, .	0.4	13
140	Quantitative mass spectrometry-based assay development and validation: From small molecules to proteins. <i>Clinical Biochemistry</i> , 2013, 46, 444-455.	0.8	24
141	Validation of a microwave-assisted digestion procedure of pÅttÃ© samples using diluted HNO ₃ for Fe and Zn determination by FS FAAS. <i>Analytical Methods</i> , 2013, 5, 6411.	1.3	6
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