

Petr Solich

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.

255
papers

6,568
citations

41
h-index

64
g-index

263
ext. papers

7,201
ext. citations

4.9
avg, IF

6.03
L-index

#	Paper	IF	Citations
255	Lab-In-Syringe automation of deep eutectic solvent-based direct immersion single drop microextraction coupled online to high-performance liquid chromatography for the determination of fluoroquinolones.. <i>Talanta</i> , 2022 , 246, 123476	6.2	1
254	Renewable sorbent dispersive solid phase extraction automated by Lab-In-Syringe using magnetite-functionalized hydrophilic-lipophilic balanced sorbent coupled online to HPLC for determination of surface water contaminants. <i>Analytica Chimica Acta</i> , 2022 , 1210, 339874	6.6	0
253	3D printed permeation module to monitor interaction of cell membrane transporters with exogenic compounds in real-time. <i>Analytica Chimica Acta</i> , 2021 , 1153, 338296	6.6	1
252	Lab-In-Syringe for automated double-stage sample preparation by coupling salting out liquid-liquid extraction with online solid-phase extraction and liquid chromatographic separation for sulfonamide antibiotics from urine. <i>Talanta</i> , 2021 , 221, 121427	6.2	13
251	Lab-In-Syringe with Bead Injection Coupled Online to High-Performance Liquid Chromatography as Versatile Tool for Determination of Nonsteroidal Anti-Inflammatory Drugs in Surface Waters. <i>Molecules</i> , 2021 , 26,	4.8	1
250	The role of pKa, log P of analytes, and protein matrix in solid-phase extraction using native and coated nanofibrous and microfibrinous polymers prepared via meltblowing and combined meltblowing/electrospinning technologies. <i>Talanta</i> , 2021 , 232, 122470	6.2	1
249	Inhibition of AKR1B10-mediated metabolism of daunorubicin as a novel off-target effect for the Bcr-Abl tyrosine kinase inhibitor dasatinib. <i>Biochemical Pharmacology</i> , 2021 , 192, 114710	6	0
248	Comparison study of nanofibers, composite nano/microfiber materials, molecularly imprinted polymers, and core-shell sorbents used for on-line extraction-liquid chromatography of ochratoxins in Tokaj wines. <i>Microchemical Journal</i> , 2021 , 170, 106680	4.8	0
247	Determination of Ochratoxin A and Ochratoxin B in Archived Tokaj Wines (Vintage 1959-2017) Using On-Line Solid Phase Extraction Coupled to Liquid Chromatography. <i>Toxins</i> , 2020 , 12,	4.9	5
246	Doping Polysulfone Membrane with Alpha-Tocopherol and Alpha-Lipoic Acid for Suppressing Oxidative Stress Induced by Hemodialysis Treatment. <i>Macromolecular Bioscience</i> , 2020 , 20, e2000046	5.5	2
245	On-line polydopamine coating as a new way to functionalize polypropylene fiber sorbent for solid phase extraction. <i>Talanta</i> , 2020 , 219, 121189	6.2	1
244	Nanofibers as advanced sorbents for on-line solid phase extraction in liquid chromatography: A tutorial. <i>Analytica Chimica Acta</i> , 2020 , 1121, 83-96	6.6	9
243	The Automation Technique Lab-In-Syringe: A Practical Guide. <i>Molecules</i> , 2020 , 25,	4.8	11
242	Poly-ε-caprolactone Nanofibrous Polymers: A Simple Alternative to Restricted Access Media for Extraction of Small Molecules from Biological Matrixes. <i>Analytical Chemistry</i> , 2020 , 92, 6801-6805	7.8	3
241	In vitro assessment of polyethylene glycol and polyvinylpyrrolidone as hydrophilic additives on bioseparation by polysulfone membranes. <i>Journal of Materials Science</i> , 2020 , 55, 1292-1307	4.3	5
240	Development of novel liquid chromatography method for clinical monitoring of vitamin B metabolites and B status in the whole blood. <i>Talanta</i> , 2020 , 211, 120702	6.2	5
239	3D-Printed Magnetic Stirring Cages for Semidispersive Extraction of Bisphenols from Water Using Polymer Micro- and Nanofibers. <i>Analytical Chemistry</i> , 2020 , 92, 3964-3971	7.8	10

238	Novel nanofibrous sorbents for the extraction and determination of resveratrol in wine. <i>Talanta</i> , 2020 , 206, 120181	6.2	6
237	Polycaprolactone nanofibers functionalized with a dopamine coating for on-line solid phase extraction of bisphenols, betablockers, nonsteroidal drugs, and phenolic acids. <i>Mikrochimica Acta</i> , 2019 , 186, 710	5.8	12
236	Screening of extraction properties of nanofibers in a sequential injection analysis system using a 3D printed device. <i>Talanta</i> , 2019 , 197, 517-521	6.2	7
235	New generation of sequential injection chromatography: Great enhancement of capabilities of separation using flow analysis. <i>Talanta</i> , 2019 , 204, 272-277	6.2	3
234	Micro-extraction by packed sorbent coupled on-line to a column-switching chromatography system A case study on the determination of three beta-blockers in human urine. <i>Microchemical Journal</i> , 2019 , 147, 60-66	4.8	6
233	The biocompatibility and bioactivity of hemodialysis membranes: their impact in end-stage renal disease. <i>Journal of Artificial Organs</i> , 2019 , 22, 14-28	1.8	31
232	Preparation of citrinin-selective molecularly imprinted polymer and its use for on-line solid-phase extraction coupled to liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 2395-2404	4.4	10
231	Electrospun nanofiber polymers as extraction phases in analytical chemistry The advances of the last decade. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 110, 81-96	14.6	25
230	Molecularly imprinted vs. reversed-phase extraction for the determination of zearalenone: a method development and critical comparison of sample clean-up efficiency achieved in an on-line coupled SPE chromatography system. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 3265-3273	4.4	19
229	Direct-immersion single-drop microextraction and in-drop stirring microextraction for the determination of nanomolar concentrations of lead using automated Lab-In-Syringe technique. <i>Talanta</i> , 2018 , 184, 162-172	6.2	29
228	A validated UHPLC method for the determination of caffeoylquinic and di-caffeoylquinic acids in green coffee extracts using an RP-Amide fused-core column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 151, 291-300	3.5	
227	Lab-In-Syringe automation of stirring-assisted room-temperature headspace extraction coupled online to gas chromatography with flame ionization detection for determination of benzene, toluene, ethylbenzene, and xylenes in surface waters. <i>Journal of Chromatography A</i> , 2018 , 1555, 1-9	4.5	9
226	Nanofiber polymers as novel sorbents for on-line solid phase extraction in chromatographic system: A comparison with monolithic reversed phase C18 sorbent. <i>Analytica Chimica Acta</i> , 2018 , 1018, 26-34	6.6	19
225	Flow-batch analysis of clenbuterol based on analyte extraction on molecularly imprinted polymers coupled to an in-system chromogenic reaction. Application to human urine and milk substitute samples. <i>Talanta</i> , 2018 , 178, 934-942	6.2	4
224	An on-line coupling of nanofibrous extraction with column-switching high performance liquid chromatography - A case study on the determination of bisphenol A in environmental water samples. <i>Talanta</i> , 2018 , 178, 141-146	6.2	28
223	Where are modern flow techniques heading to?. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 6361-6370	4.7	24
222	Current trends in the analysis and quality control of food supplements based on plant extracts. <i>Analytica Chimica Acta</i> , 2018 , 1036, 1-15	6.6	44
221	Furosemide ethanol-free oral solutions for paediatric use: formulation, HPLC method and stability study. <i>European Journal of Hospital Pharmacy</i> , 2018 , 25, 144-149	1.6	6

220	A Comparative Study of Advanced Stationary Phases for Fast Liquid Chromatography Separation of Synthetic Food Colorants. <i>Molecules</i> , 2018 , 23,	4.8	1
219	A comparison study of nanofiber, microfiber, and new composite nano/microfiber polymers used as sorbents for on-line solid phase extraction in chromatography system. <i>Analytica Chimica Acta</i> , 2018 , 1023, 44-52	6.6	28
218	Novel Approach to Two-Component Analysis Based on the Generalized Calibration Strategy. <i>Analytical Letters</i> , 2017 , 50, 617-628	2.2	3
217	Multilayered particle-packed column: Evaluation and comparison with monolithic and core-shell particle columns for the determination of red azo dyes in Sequential Injection Chromatography. <i>Journal of Separation Science</i> , 2017 , 40, 1225-1233	3.4	8
216	The pentafluorophenyl stationary phase shows a unique separation efficiency for performing fast chromatography determination of highbush blueberry anthocyanins. <i>Talanta</i> , 2017 , 166, 249-254	6.2	16
215	Seasonal Variations in the Behavior of Alcohol Sulfates in Agricultural Soils: a Field Study. <i>Water, Air, and Soil Pollution</i> , 2017 , 228, 1	2.6	
214	Simple and rapid quantification of vancomycin in serum, urine and peritoneal/pleural effusion via UHPLC-MS/MS applicable to personalized antibiotic dosing research. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 142, 59-65	3.5	17
213	A new approach to the rapid separation of isomeric compounds in a Silybum marianum extract using UHPLC core-shell column with F5 stationary phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 134, 203-213	3.5	32
212	Online coupling of fully automatic in-syringe dispersive liquid-liquid microextraction with oxidative back-extraction to inductively coupled plasma spectrometry for sample clean-up in elemental analysis: A proof of concept. <i>Talanta</i> , 2017 , 173, 79-87	6.2	20
211	Sub-1 min separation in sequential injection chromatography for determination of synthetic water-soluble dyes in pharmaceutical formulation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 143, 123-129	3.5	11
210	A UHPLC method for the rapid separation and quantification of anthocyanins in acai berry and dry blueberry extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 143, 204-213	3.5	18
209	A UHPLC method for the rapid separation and quantification of phytosterols using tandem UV/Charged aerosol detection - A comparison of both detection techniques. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 140, 274-280	3.5	18
208	Determination of fluoroquinolones in fishes using microwave-assisted extraction combined with ultra-high performance liquid chromatography and fluorescence detection. <i>Journal of Food Composition and Analysis</i> , 2017 , 56, 140-146	4.1	24
207	Critical comparison of the on-line and off-line molecularly imprinted solid-phase extraction of patulin coupled with liquid chromatography. <i>Journal of Separation Science</i> , 2017 , 40, 4599-4609	3.4	8
206	Micro-SPE in pipette tips as a tool for analysis of small-molecule drugs in serum. <i>Bioanalysis</i> , 2017 , 9, 887-901	2.1	8
205	Rapid determination of lipophilic vitamins in human serum by ultra-high performance liquid chromatography using a fluorinated column and high-throughput miniaturized liquid-liquid extraction. <i>Journal of Separation Science</i> , 2017 , 40, 3375-3382	3.4	11
204	Could urinary retinol be used as a new biomarker of kidney damage?. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 95, 57-61	14.6	2
203	Systematic Optimization of Liquid-Liquid Extraction for Isolation of Unidentified Components. <i>ACS Omega</i> , 2017 , 2, 7772-7776	3.9	9

202	Recent trends in determination of thiamine and its derivatives in clinical practice. <i>Journal of Chromatography A</i> , 2017 , 1510, 1-12	4.5	18
201	A fully validated bioanalytical method using an UHPLC-MS/MS system for quantification of DNA and RNA oxidative stress biomarkers. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 3611-3621	4.4	8
200	Fast separation of red colorants in beverages using cyano monolithic column in Sequential Injection Chromatography. <i>Microchemical Journal</i> , 2017 , 130, 384-389	4.8	6
199	Automation of dispersive liquid-liquid microextraction and related techniques. Approaches based on flow, batch, flow-batch and in-syringe modes. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 86, 39-55	14.6	68
198	Novel Dispersed Sorbent Sorptive Extraction Method for the Chromatography Profiling of Active Substances in Ginger. <i>Food Analytical Methods</i> , 2017 , 10, 1016-1023	3.4	
197	Aspects of decontamination of ivermectin and praziquantel from environmental waters using advanced oxidation technology. <i>Chemosphere</i> , 2016 , 144, 21-8	8.4	17
196	A fully automated and fast method using direct sample injection combined with fused-core column on-line SPE-HPLC for determination of ochratoxin A and citrinin in lager beers. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 3319-29	4.4	29
195	An integrated on-line method for the preconcentration and simultaneous determination of metsulfuron methyl and chlorsulfuron using oxidized carbon nanotubes and second order fluorescent data. <i>Microchemical Journal</i> , 2016 , 129, 90-97	4.8	7
194	Determination of green, blue and yellow artificial food colorants and their abuse in herb-coloured green Easter beers on tap. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2016 , 33, 1139-46	3.2	12
193	Large volume preconcentration and determination of nanomolar concentrations of iron in seawater using a renewable cellulose 8-hydroquinoline sorbent microcolumn and universal approach of post-column eluate utilization in a Lab-on-Valve system. <i>Talanta</i> , 2016 , 150, 213-23	6.2	14
192	Development of MEPS-UHPLC-MS/MS multistatin methods for clinical analysis. <i>Bioanalysis</i> , 2016 , 8, 333-49		8
191	A new method for rapid determination of indole-3-carbinol and its condensation products in nutraceuticals using core-shell column chromatography method. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 120, 383-90	3.5	9
190	Recent advances in the determination of tocopherols in biological fluids: from sample pretreatment and liquid chromatography to clinical studies. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 2407-24	4.4	10
189	A study of retention characteristics and quality control of nutraceuticals containing resveratrol and polydatin using fused-core column chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 120, 112-9	3.5	8
188	Automation of static and dynamic non-dispersive liquid phase microextraction. Part 1: Approaches based on extractant drop-, plug-, film- and microflow-formation. <i>Analytica Chimica Acta</i> , 2016 , 906, 22-40	6.6	72
187	Automation of static and dynamic non-dispersive liquid phase microextraction. Part 2: Approaches based on impregnated membranes and porous supports. <i>Analytica Chimica Acta</i> , 2016 , 907, 18-30	6.6	59
186	Fully automatic flow-based device for monitoring of drug permeation across a cell monolayer. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 971-81	4.4	4
185	A novel approach to Lab-In-Syringe Head-Space Single-Drop Microextraction and on-drop sensing of ammonia. <i>Analytica Chimica Acta</i> , 2016 , 934, 132-44	6.6	29

184	Method optimization and validation for the determination of eight sulfonamides in chicken muscle and eggs by modified QuEChERS and liquid chromatography with fluorescence detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 124, 261-266	3.5	42
183	Modern methods for vancomycin determination in biological fluids by methods based on high-performance liquid chromatography--A review. <i>Journal of Separation Science</i> , 2016 , 39, 6-20	3.4	25
182	Sensitive Monitoring of Amygdalin and 5-Hydroxytryptamine in Food Supplements Using HILIC OH5 Chromatography. <i>Food Analytical Methods</i> , 2016 , 9, 1849-1856	3.4	2
181	Determination of trace zinc in seawater by coupling solid phase extraction and fluorescence detection in the Lab-On-Valve format. <i>Analytica Chimica Acta</i> , 2016 , 923, 45-54	6.6	11
180	Isoquinoline Alkaloids from <i>Fumaria officinalis</i> L. and Their Biological Activities Related to Alzheimer's Disease. <i>Chemistry and Biodiversity</i> , 2016 , 13, 91-9	2.5	23
179	Combination of ultracentrifugation and solid-phase extraction with subsequent chromatographic analysis of Tocopherol in erythrocyte membranes. <i>Journal of Separation Science</i> , 2015 , 38, 634-40	3.4	2
178	Development and validation of ultra-high performance supercritical fluid chromatography method for determination of illegal dyes and comparison to ultra-high performance liquid chromatography method. <i>Analytica Chimica Acta</i> , 2015 , 874, 84-96	6.6	33
177	On-line hyphenation of solid-phase extraction to chromatographic separation of sulfonamides with fused-core columns in sequential injection chromatography. <i>Talanta</i> , 2015 , 133, 142-9	6.2	28
176	Recent trends in the analysis of vitamin D and its metabolites in milk--a review. <i>Food Chemistry</i> , 2015 , 171, 177-90	8.5	34
175	Development of a gradient HPLC method for the simultaneous determination of sotalol and sorbate in oral liquid preparations using solid core stationary phase. <i>Journal of Analytical Methods in Chemistry</i> , 2015 , 2015, 806736	2	5
174	Renewable sorbent material for solid phase extraction with direct coupling of sequential injection analysis-bead injection to liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 5719-28	4.4	7
173	An automated method for monitoring aluminum in water samples based on a sequential injection platform. <i>Analytical Methods</i> , 2015 , 7, 5530-5537	3.2	3
172	An on-line SPE-HPLC method for effective sample preconcentration and determination of fenoxycarb and cis, trans-permethrin in surface waters. <i>Talanta</i> , 2015 , 142, 124-30	6.2	15
171	Fast and sensitive HPLC method for the determination of neopterin, kynurenine and tryptophan in amniotic fluid, malignant effusions and wound exudates. <i>Bioanalysis</i> , 2015 , 7, 2751-62	2.1	10
170	Sequential injection chromatography with post-column reaction/derivatization for the determination of transition metal cations in natural water samples. <i>Talanta</i> , 2015 , 136, 75-83	6.2	12
169	Sample preparation and UHPLC-FD analysis of pteridines in human urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 95, 265-72	3.5	16
168	Study of the retention behavior of small polar molecules on different types of stationary phases used in hydrophilic interaction liquid chromatography. <i>Journal of Separation Science</i> , 2014 , 37, 1297-307	3.4	21
167	DEVELOPMENT OF A NOVEL IN-TUBE SOLID PHASE MICROEXTRACTION BASED ON MICELLAR DESORPTION FOLLOWED BY LC-DAD-FD FOR THE DETERMINATION OF SOME ENDOCRINE DISRUPTOR COMPOUNDS IN ENVIRONMENTAL LIQUID SAMPLES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2014 , 37, 1654-1670	1.3	6

166	In-syringe magnetic stirring assisted dispersive liquid-liquid micro-extraction with solvent washing for fully automated determination of cationic surfactants. <i>Analytical Methods</i> , 2014 , 6, 9601-9609	3.2	24
165	A high-performance liquid chromatography method with pre-column derivatization for the simultaneous determination of reduced glutathione, carnosine and taurine. <i>Analytical Methods</i> , 2014 , 6, 1475	3.2	14
164	New method for the determination of carbamate and pyrethroid insecticides in water samples using on-line SPE fused core column chromatography. <i>Talanta</i> , 2014 , 129, 579-85	6.2	39
163	On-line SPE-UHPLC method using fused core columns for extraction and separation of nine illegal dyes in chilli-containing spices. <i>Talanta</i> , 2014 , 130, 433-41	6.2	24
162	Analysis of trace organic compounds in environmental, food and biological matrices using large-volume sample injection in column-switching liquid chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2014 , 62, 69-85	14.6	40
161	Automated in-syringe single-drop head-space micro-extraction applied to the determination of ethanol in wine samples. <i>Analytica Chimica Acta</i> , 2014 , 828, 53-60	6.6	37
160	A Fast Determination of Chlorophylls in Barley Grass Juice Powder Using HPLC Fused-Core Column Technology and HPTLC. <i>Food Analytical Methods</i> , 2014 , 7, 629-635	3.4	8
159	How to address the sample preparation of hydrophilic compounds: Determination of entecavir in plasma and plasma ultrafiltrate with novel extraction sorbents. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 88, 337-44	3.5	14
158	Fully automated analytical procedure for propofol determination by sequential injection technique with spectrophotometric and fluorimetric detections. <i>Talanta</i> , 2014 , 118, 104-10	6.2	12
157	Retention and selectivity of basic drugs on solid-phase extraction sorbents: application to direct determination of β -blockers in urine. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 4207-15	4.4	27
156	Application of a fully integrated photodegradation-detection flow-batch analysis system with an on-line preconcentration step for the determination of metsulfuron methyl in water samples. <i>Talanta</i> , 2014 , 129, 233-40	6.2	10
155	Deeper insight into the reducing biotransformation of bupropion in the human liver. <i>Drug Metabolism and Pharmacokinetics</i> , 2014 , 29, 177-84	2.2	35
154	Determination of amphetamine and methadone in human urine by microextraction by packed sorbent coupled directly to mass spectrometry: an alternative for rapid clinical and forensic analysis. <i>Journal of Separation Science</i> , 2014 , 37, 3306-13	3.4	17
153	A study of the effect of organic solvents on the fluorescence signal in a sequential injection analysis system. <i>Analytical Methods</i> , 2014 , 6, 9392-9396	3.2	5
152	Ultra-fast separation of estrogen steroids using subcritical fluid chromatography on sub-2-micron particles. <i>Talanta</i> , 2014 , 121, 178-86	6.2	38
151	A Fast HPLC Method for Determination of Vitamin E Acetate in Dietary Supplements Using Monolithic Column. <i>Food Analytical Methods</i> , 2013 , 6, 380-385	3.4	17
150	In-syringe magnetic-stirring-assisted liquid-liquid microextraction for the spectrophotometric determination of Cr(VI) in waters. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 6761-9	4.4	37
149	Fast HPLC Method for Determination of Fenoxycarb and Permethrin in Antiparasitic Veterinary Shampoo Using Fused-Core Column. <i>Chromatographia</i> , 2013 , 76, 1559-1564	2.1	3

148	In-syringe-stirring: a novel approach for magnetic stirring-assisted dispersive liquid-liquid microextraction. <i>Analytica Chimica Acta</i> , 2013 , 788, 52-60	6.6	70
147	Microplates in liquid chromatography--new solution in clinical research? A review. <i>Talanta</i> , 2013 , 115, 973-9	6.2	5
146	Fast and sensitive UHPLC methods with fluorescence and tandem mass spectrometry detection for the determination of tetracycline antibiotics in surface waters. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013 , 927, 201-8	3.2	41
145	A rapid HPLC column switching method for sample preparation and determination of β -carotene in food supplements. <i>Food Chemistry</i> , 2013 , 141, 1433-7	8.5	24
144	Two-column sequential injection chromatography for fast isocratic separation of two analytes of greatly differing chemical properties. <i>Talanta</i> , 2013 , 114, 311-7	6.2	4
143	Comparison of a new high-resolution monolithic column with core-shell and fully porous columns for the analysis of retinol and α -tocopherol in human serum and breast milk by ultra-high-performance liquid chromatography. <i>Journal of Separation Science</i> , 2013 , 36, 2223-30	3.4	18
142	Simultaneous Determination of Propranolol Hydrochloride and Sodium Benzoate in Oral Liquid Preparations by HPLC. <i>Chromatographia</i> , 2013 , 76, 1553-1558	2.1	9
141	Development of Novel Stability-Indicating Method for the Determination of Dimethindene Maleate and Its Impurities. <i>Chromatographia</i> , 2013 , 76, 1545-1551	2.1	2
140	HPLC column-switching technique for sample preparation and fluorescence determination of propranolol in urine using fused-core columns in both dimensions. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 6583-7	4.4	15
139	Green chromatography separation of analytes of greatly differing properties using a polyethylene glycol stationary phase and a low-toxic water-based mobile phase. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 6105-15	4.4	21
138	HILIC UHPLC-MS/MS for fast and sensitive bioanalysis: accounting for matrix effects in method development. <i>Bioanalysis</i> , 2013 , 5, 2345-57	2.1	17
137	A fast on-line micro-column sample pretreatment with a HPLC column switching technique and large volume sample injection for determination of non-steroidal anti-inflammatory drugs in human serum. <i>Analytical Methods</i> , 2013 , 5, 6153	3.2	9
136	Application of core-shell technology for determination of retinol and α -tocopherol in breast milk. <i>Talanta</i> , 2013 , 107, 382-8	6.2	12
135	High-resolution monolithic columns--a new tool for effective and quick separation. <i>Analytical and Bioanalytical Chemistry</i> , 2013 , 405, 2255-63	4.4	14
134	A New and Fast HPLC Method for Determination of Rutin, Troxerutin, Diosmin and Hesperidin in Food Supplements Using Fused-Core Column Technology. <i>Food Analytical Methods</i> , 2013 , 6, 1353-1360	3.4	40
133	Advantages of core-shell particle columns in Sequential Injection Chromatography for determination of phenolic acids. <i>Talanta</i> , 2013 , 103, 221-7	6.2	27
132	Determination of pteridines in biological samples with an emphasis on their stability. <i>Bioanalysis</i> , 2013 , 5, 2307-26	2.1	15
131	New approach for the clinical monitoring of 25-hydroxyvitamin D3 and 25-hydroxyvitamin D2 by ultra high performance liquid chromatography with MS/MS based on the standard reference material 972. <i>Journal of Separation Science</i> , 2013 , 36, 3702-8	3.4	8

130	Automated on-line dispersive liquid-liquid microextraction based on a sequential injection system. <i>Microchemical Journal</i> , 2012 , 100, 77-82	4.8	85
129	High-sensitivity analysis of female-steroid hormones in environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2012 , 34, 35-58	14.6	82
128	Chromatographic determination of active compounds in topical formulations. <i>Analytical Methods</i> , 2012 , 4, 1525	3.2	1
127	Determination of pravastatin and pravastatin lactone in rat plasma and urine using UHPLC-MS/MS and microextraction by packed sorbent. <i>Talanta</i> , 2012 , 90, 22-9	6.2	35
126	Application of DV-SIA manifold for determination of thiocyanate ions in human saliva samples. <i>Talanta</i> , 2012 , 96, 107-12	6.2	21
125	A non-extractive sequential injection method for determination of molybdenum. <i>Talanta</i> , 2012 , 96, 185-8.2	6.2	9
124	Evaluation of new mixed-mode UHPLC stationary phases and the importance of stationary phase choice when using low ionic-strength mobile phase additives. <i>Talanta</i> , 2012 , 93, 99-105	6.2	29
123	Rapid sample preparation procedure for determination of retinol and α -tocopherol in human breast milk. <i>Talanta</i> , 2012 , 93, 147-52	6.2	16
122	Highly sensitive sequential injection determination of p-aminophenol in paracetamol formulations with 18-molybdodiphosphate heteropoly anion based on elimination of Schlieren effect. <i>Talanta</i> , 2012 , 96, 230-5	6.2	17
121	Highly sensitive fast determination of entecavir in rat urine by means of hydrophilic interaction chromatography-ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2012 , 1259, 237-43	4.5	19
120	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	16
119	Development and validation of a rapid HPLC method for the determination of ascorbic acid, phenylephrine, paracetamol and caffeine using a monolithic column. <i>Analytical Methods</i> , 2012 , 4, 1588	3.2	43
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