

# Petr Solich

## List of Publications by Citations

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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	Advantages of application of UPLC in pharmaceutical analysis. <i>Talanta</i> , <b>2006</b> , 68, 908-18	6.2	339
254	An overview of analytical methodologies for the determination of antibiotics in environmental waters. <i>Analytica Chimica Acta</i> , <b>2009</b> , 649, 158-79	6.6	218
253	Determination of fluoroquinolone antibiotics in hospital and municipal wastewaters in Coimbra by liquid chromatography with a monolithic column and fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , <b>2008</b> , 391, 799-805	4.4	139
252	HPLC methods for simultaneous determination of ascorbic and dehydroascorbic acids. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2008</b> , 27, 942-958	14.6	119
251	Monolithic columns – new concept of separation in the sequential injection technique. <i>Analytica Chimica Acta</i> , <b>2003</b> , 499, 205-214	6.6	117
250	Analysis of phenolic compounds by high performance liquid chromatography and ultra performance liquid chromatography. <i>Talanta</i> , <b>2008</b> , 76, 189-99	6.2	109
249	Using restricted-access materials and column switching in high-performance liquid chromatography for direct analysis of biologically-active compounds in complex matrices. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2007</b> , 26, 375-384	14.6	105
248	Determination of steroid hormones in biological and environmental samples using green microextraction techniques: an overview. <i>Analytica Chimica Acta</i> , <b>2011</b> , 704, 33-46	6.6	93
247	Automated flow-injection spectrophotometric determination of catecholamines (epinephrine and isoproterenol) in pharmaceutical formulations based on ferrous complex formation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2000</b> , 22, 781-9	3.5	91
246	Determination of fluoroquinolone antibiotics in surface waters from Mondego River by high performance liquid chromatography using a monolithic column. <i>Journal of Separation Science</i> , <b>2007</b> , 30, 2924-8	3.4	86
245	Automated on-line dispersive liquid-liquid microextraction based on a sequential injection system. <i>Microchemical Journal</i> , <b>2012</b> , 100, 77-82	4.8	85
244	Advantages of ultra performance liquid chromatography over high-performance liquid chromatography: comparison of different analytical approaches during analysis of diclofenac gel. <i>Journal of Separation Science</i> , <b>2006</b> , 29, 2433-43	3.4	85
243	High-sensitivity analysis of female-steroid hormones in environmental samples. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2012</b> , 34, 35-58	14.6	82
242	Tetracycline antibiotics in hospital and municipal wastewaters: a pilot study in Portugal. <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 396, 2929-36	4.4	81
241	Development and application of UHPLC-MS/MS method for the determination of phenolic compounds in Chamomile flowers and Chamomile tea extracts. <i>Talanta</i> , <b>2010</b> , 82, 1271-80	6.2	80
240	An overview of sequential injection chromatography. <i>Analytica Chimica Acta</i> , <b>2007</b> , 600, 129-35	6.6	80
239	Estimation of ochratoxin A in portuguese population: new data on the occurrence in human urine by high performance liquid chromatography with fluorescence detection. <i>Food and Chemical Toxicology</i> , <b>2006</b> , 44, 1449-54	4.7	73

238	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> , <b>2016</b> , 906, 22-40	6.6	72
237	Using on-line solid phase extraction for simultaneous determination of ascorbic acid and rutin trihydrate by sequential injection analysis. <i>Analytica Chimica Acta</i> , <b>2003</b> , 497, 165-174	6.6	72
236	In-syringe-stirring: a novel approach for magnetic stirring-assisted dispersive liquid-liquid microextraction. <i>Analytica Chimica Acta</i> , <b>2013</b> , 788, 52-60	6.6	70
235	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> , <b>2017</b> , 86, 39-55	14.6	68
234	Sequential injection chromatographic determination of paracetamol, caffeine, and acetylsalicylic acid in pharmaceutical tablets. <i>Journal of Separation Science</i> , <b>2004</b> , 27, 529-36	3.4	68
233	HPLC methods for the determination of simvastatin and atorvastatin. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2008</b> , 27, 352-367	14.6	64
232	Rapid qualitative and quantitative ultra high performance liquid chromatography method for simultaneous analysis of twenty nine common phenolic compounds of various structures. <i>Talanta</i> , <b>2010</b> , 80, 1970-9	6.2	60
231	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> , <b>2016</b> , 907, 18-30	6.6	59
230	Validation of an analytical methodology for determination of oxytetracycline and tetracycline residues in honey by HPLC with fluorescence detection. <i>Journal of Agricultural and Food Chemistry</i> , <b>2005</b> , 53, 3784-8	5.7	58
229	Simultaneous determination of methylparaben, propylparaben, hydrocortisone acetate and its degradation products in a topical cream by RP-HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2003</b> , 32, 921-7	3.5	53
228	Simultaneous determination of methylparaben, propylparaben, sodium diclofenac and its degradation product in a topical emulgel by reversed-phase liquid chromatography. <i>Analytica Chimica Acta</i> , <b>2002</b> , 467, 91-96	6.6	52
227	Reversed-phase porous silica rods, an alternative approach to high-performance liquid chromatographic separation using the sequential injection chromatography technique. <i>Journal of Chromatography A</i> , <b>2003</b> , 1015, 239-44	4.5	50
226	Ultra high performance liquid chromatography tandem mass spectrometric detection in clinical analysis of simvastatin and atorvastatin. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2009</b> , 877, 2093-103	3.2	47
225	Comparison of positive and negative ion detection of tea catechins using tandem mass spectrometry and ultra high performance liquid chromatography. <i>Food Chemistry</i> , <b>2010</b> , 123, 535-541	8.5	47
224	Microextraction by packed sorbent as sample preparation step for atorvastatin and its metabolites in biological samples--critical evaluation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2011</b> , 55, 301-8	3.5	46
223	Comparison of UV and charged aerosol detection approach in pharmaceutical analysis of statins. <i>Talanta</i> , <b>2009</b> , 78, 834-9	6.2	45
222	Determination of ambroxol hydrochloride, methylparaben and benzoic acid in pharmaceutical preparations based on sequential injection technique coupled with monolithic column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2006</b> , 40, 287-93	3.5	45
221	Current trends in the analysis and quality control of food supplements based on plant extracts. <i>Analytica Chimica Acta</i> , <b>2018</b> , 1036, 1-15	6.6	44

220	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> , <b>2012</b> , 4, 1588	3.2	43
219	Hydrophilic interaction liquid chromatography–charged aerosol detection as a straightforward solution for simultaneous analysis of ascorbic acid and dehydroascorbic acid. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 4574-81	4.5	43
218	Simultaneous HPLC determination of ketoprofen and its degradation products in the presence of preservatives in pharmaceuticals. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2004</b> , 36, 625-9	3.5	43
217	Optimization and validation of a high performance liquid chromatography method for the simultaneous determination of vitamins A and E in human serum using monolithic column and diode-array detection. <i>Analytica Chimica Acta</i> , <b>2006</b> , 573-574, 267-72	6.6	42
216	Determination of estradiol and its degradation products by liquid chromatography. <i>Journal of Chromatography A</i> , <b>2006</b> , 1119, 216-23	4.5	42
215	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> , <b>2016</b> , 124, 261-266	3.5	42
214	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> , <b>2013</b> , 927, 201-8	3.2	41
213	Sequential injection chromatographic determination of ambroxol hydrochloride and doxycycline in pharmaceutical preparations. <i>Talanta</i> , <b>2005</b> , 68, 214-8	6.2	41
212	Automation of simultaneous release tests of two substances by sequential injection chromatography coupled with Franz cell. <i>Talanta</i> , <b>2006</b> , 69, 730-5	6.2	41
211	Development and validation of a novel LC non-derivatization method for the determination of amikacin in pharmaceuticals based on evaporative light scattering detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2006</b> , 40, 1114-20	3.5	41
210	Comparison of performance of C18 monolithic rod columns and conventional C18 particle-packed columns in liquid chromatographic determination of Estrogel and Ketoprofen gel. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2004</b> , 813, 191-7	3.2	41
209	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> , <b>2014</b> , 62, 69-85	14.6	40
208	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> , <b>2013</b> , 6, 1353-1360	3.4	40
207	Fast simultaneous spectrophotometric determination of naphazoline nitrate and methylparaben by sequential injection chromatography. <i>Talanta</i> , <b>2006</b> , 70, 408-13	6.2	40
206	New method for the determination of carbamate and pyrethroid insecticides in water samples using on-line SPE fused core column chromatography. <i>Talanta</i> , <b>2014</b> , 129, 579-85	6.2	39
205	Comparison of a novel ultra-performance liquid chromatographic method for determination of retinol and alpha-tocopherol in human serum with conventional HPLC using monolithic and particulate columns. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 388, 675-81	4.4	39
204	Ultra-fast separation of estrogen steroids using subcritical fluid chromatography on sub-2-micron particles. <i>Talanta</i> , <b>2014</b> , 121, 178-86	6.2	38
203	Automated in-syringe single-drop head-space micro-extraction applied to the determination of ethanol in wine samples. <i>Analytica Chimica Acta</i> , <b>2014</b> , 828, 53-60	6.6	37

202	In-syringe magnetic-stirring-assisted liquid-liquid microextraction for the spectrophotometric determination of Cr(VI) in waters. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 6761-9	4.4	37
201	Simple determination of betamethasone and chloramphenicol in a pharmaceutical preparation using a short monolithic column coupled to a sequential injection system. <i>Journal of Separation Science</i> , <b>2006</b> , 29, 2494-9	3.4	36
200	HPLC determination of estradiol, its degradation product, and preservatives in new topical formulation Estrogel HBF. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 379, 781-7	4.4	36
199	Colorimetric bismuth determination in pharmaceuticals using a xylenol orange sol-gel sensor coupled to a multicommutated flow system. <i>Analytica Chimica Acta</i> , <b>2004</b> , 504, 235-241	6.6	36
198	Deeper insight into the reducing biotransformation of bupropion in the human liver. <i>Drug Metabolism and Pharmacokinetics</i> , <b>2014</b> , 29, 177-84	2.2	35
197	Determination of pravastatin and pravastatin lactone in rat plasma and urine using UHPLC-MS/MS and microextraction by packed sorbent. <i>Talanta</i> , <b>2012</b> , 90, 22-9	6.2	35
196	Determination of fluoroquinolone antibiotics in wastewater using ultra high-performance liquid chromatography with mass spectrometry and fluorescence detection. <i>Journal of Separation Science</i> , <b>2010</b> , 33, 2094-108	3.4	35
195	Recent trends in the analysis of vitamin D and its metabolites in milk--a review. <i>Food Chemistry</i> , <b>2015</b> , 171, 177-90	8.5	34
194	Flow-injection fluorimetric determination of 1,4-benzodiazepines in pharmaceutical formulations after acid hydrolysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1999</b> , 20, 357-62	3.5	34
193	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> , <b>2015</b> , 874, 84-96	6.6	33
192	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> , <b>2017</b> , 134, 203-213	3.5	32
191	Ion selective electrodes for penicillin-G based on Mn(III)TPP-Cl and their application in pharmaceutical formulations control by sequential injection analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2004</b> , 36, 701-9	3.5	32
190	The biocompatibility and bioactivity of hemodialysis membranes: their impact in end-stage renal disease. <i>Journal of Artificial Organs</i> , <b>2019</b> , 22, 14-28	1.8	31
189	Hydrophilic interaction liquid chromatography method for the determination of ascorbic acid. <i>Journal of Separation Science</i> , <b>2008</b> , 31, 1634-44	3.4	31
188	Analysis of phenolic acids as chloroformate derivatives using solid phase microextraction-gas chromatography. <i>Analytica Chimica Acta</i> , <b>2006</b> , 573-574, 231-41	6.6	31
187	Development and validation of HPLC method for determination of indomethacin and its two degradation products in topical gel. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2005</b> , 37, 899-905	3.5	31
186	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> , <b>2018</b> , 184, 162-172	6.2	29
185	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> , <b>2016</b> , 408, 3319-29	4.4	29

184	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> , <b>2012</b> , 93, 99-105	6.2	29
183	Determination of pesticides fenoxycarb and permethrin by sequential injection chromatography using miniaturized monolithic column. <i>Talanta</i> , <b>2008</b> , 77, 566-570	6.2	29
182	A novel approach to Lab-In-Syringe Head-Space Single-Drop Microextraction and on-drop sensing of ammonia. <i>Analytica Chimica Acta</i> , <b>2016</b> , 934, 132-44	6.6	29
181	On-line hyphenation of solid-phase extraction to chromatographic separation of sulfonamides with fused-core columns in sequential injection chromatography. <i>Talanta</i> , <b>2015</b> , 133, 142-9	6.2	28
180	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> , <b>2018</b> , 178, 141-146	6.2	28
179	Enhanced capabilities of separation in Sequential Injection Chromatography--fused-core particle column and its comparison with narrow-bore monolithic column. <i>Talanta</i> , <b>2011</b> , 85, 1129-34	6.2	28
178	A novel application of Onyxtrade mark monolithic column for simultaneous determination of salicylic acid and triamcinolone acetonide by sequential injection chromatography. <i>Talanta</i> , <b>2007</b> , 72, 854-8	6.2	28
177	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> , <b>2018</b> , 1023, 44-52	6.6	28
176	Retention and selectivity of basic drugs on solid-phase extraction sorbents: application to direct determination of $\beta$ -blockers in urine. <i>Analytical and Bioanalytical Chemistry</i> , <b>2014</b> , 406, 4207-15	4.4	27
175	Advantages of core-shell particle columns in Sequential Injection Chromatography for determination of phenolic acids. <i>Talanta</i> , <b>2013</b> , 103, 221-7	6.2	27
174	HPLC determination of chlorhexidine gluconate and p-chloroaniline in topical ointment. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2007</b> , 43, 1169-73	3.5	26
173	Determination of methylparaben, propylparaben, triamcinolone acetonide and its degradation product in a topical cream by RP-HPLC. <i>Analytical and Bioanalytical Chemistry</i> , <b>2003</b> , 376, 440-3	4.4	26
172	Simultaneous determination of quercetin, kaempferol and (E)-cinnamic acid in vegetative organs of <i>Schisandra chinensis</i> Baill. by HPLC. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2001</b> , 24, 1049-54	3.5	26
171	Automated simultaneous monitoring of nitrate and nitrite in surface water by sequential injection analysis. <i>Water Research</i> , <b>2002</b> , 36, 2777-83	12.5	26
170	An air-assisted liquid-liquid extraction using a dual-valve sequential injection manifold (DV-SIA): Determination of copper. <i>Analytical Methods</i> , <b>2010</b> , 2, 1134	3.2	25
169	Sequential injection extraction based on restricted access material for determination of furosemide in serum. <i>Journal of Chromatography A</i> , <b>2005</b> , 1087, 245-51	4.5	25
168	Modern methods for vancomycin determination in biological fluids by methods based on high-performance liquid chromatography--A review. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 6-20	3.4	25
167	Electrospun nanofiber polymers as extraction phases in analytical chemistry --The advances of the last decade. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 110, 81-96	14.6	25

166	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> , <b>2017</b> , 56, 140-146	4.1	24
165	Where are modern flow techniques heading to?. <i>Analytical and Bioanalytical Chemistry</i> , <b>2018</b> , 410, 6361-6370	4.1	24
164	In-syringe magnetic stirring assisted dispersive liquid-liquid micro-extraction with solvent washing for fully automated determination of cationic surfactants. <i>Analytical Methods</i> , <b>2014</b> , 6, 9601-9609	3.2	24
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> , <b>2014</b> , 130, 433-41	6.2	24
162	A rapid HPLC column switching method for sample preparation and determination of $\beta$ -carotene in food supplements. <i>Food Chemistry</i> , <b>2013</b> , 141, 1433-7	8.5	24
161	Fluorimetric SIA optosensing in pharmaceutical analysis: determination of paracetamol. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2007</b> , 45, 318-21	3.5	24
160	Flow-through sol-gel optical biosensor for the colorimetric determination of acetazolamide. <i>Analyst, The</i> , <b>2005</b> , 130, 1190-7	5	24
159	Isoquinoline Alkaloids from <i>Fumaria officinalis</i> L. and Their Biological Activities Related to Alzheimer's Disease. <i>Chemistry and Biodiversity</i> , <b>2016</b> , 13, 91-9	2.5	23
158	Development and validation of HPLC method for determination of clotrimazole and its two degradation products in spray formulation. <i>Talanta</i> , <b>2007</b> , 73, 483-9	6.2	22
157	High-performance liquid chromatography determination of phenolic components in wine using off-line isotachophoretic pretreatment. <i>Journal of Chromatography A</i> , <b>2004</b> , 1040, 179-84	4.5	22
156	Sequential injection technique applied to pharmaceutical analysis. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2004</b> , 23, 116-126	14.6	22
155	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> , <b>2014</b> , 37, 1297-307	3.4	21
154	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> , <b>2013</b> , 405, 6105-15	4.4	21
153	Application of DV-SIA manifold for determination of thiocyanate ions in human saliva samples. <i>Talanta</i> , <b>2012</b> , 96, 107-12	6.2	21
152	Determination of neopterin, kynurenine, tryptophan and creatinine in human serum by high throughput HPLC. <i>Talanta</i> , <b>2011</b> , 85, 1466-71	6.2	21
151	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> , <b>2017</b> , 173, 79-87	6.2	20
150	A novel dual-valve sequential injection manifold (DV-SIA) for automated liquid-liquid extraction. Application for the determination of picric acid. <i>Analytica Chimica Acta</i> , <b>2010</b> , 666, 55-61	6.6	20
149	Automated flow injection fluorimetric determination and dissolution studies of bumetanide in pharmaceuticals. <i>Analytica Chimica Acta</i> , <b>2001</b> , 438, 131-136	6.6	20

148	Automated sequential injection fluorimetric determination and dissolution studies of Ergotamine Tartrate in pharmaceuticals. <i>Talanta</i> , <b>2002</b> , 58, 1151-1155	6.2	20
147	Flow-injection spectrophotometric determination of tetracycline antibiotics. <i>Analytica Chimica Acta</i> , <b>1994</b> , 285, 9-12	6.6	20
146	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> , <b>2018</b> , 410, 3265-3273	4.4	19
145	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> , <b>2018</b> , 1018, 26-34	6.6	19
144	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> , <b>2012</b> , 1259, 237-43	4.5	19
143	Simple automated generation of gradient elution conditions in sequential injection chromatography using monolithic column. <i>Talanta</i> , <b>2011</b> , 84, 1273-7	6.2	19
142	Two-column sequential injection chromatography--new approach for fast and effective analysis and its comparison with gradient elution chromatography. <i>Analytica Chimica Acta</i> , <b>2010</b> , 668, 61-6	6.6	19
141	Determination of gentisin, isogentisin, and amarogentin in <i>Gentiana lutea</i> L. by capillary electrophoresis. <i>Journal of Separation Science</i> , <b>2008</b> , 31, 195-200	3.4	19
140	Fully automated drug liberation apparatus for semisolid preparations based on sequential injection analysis. <i>Analytica Chimica Acta</i> , <b>2003</b> , 499, 9-16	6.6	19
139	Construction of a diflunisal ion sensor and its use in automated flow-injection methods for assay, content uniformity, and dissolution studies of formulations. <i>Journal of Pharmaceutical Sciences</i> , <b>1995</b> , 84, 889-94	3.9	19
138	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> , <b>2017</b> , 143, 204-213	3.5	18
137	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> , <b>2017</b> , 140, 274-280	3.5	18
136	Comparison of a new high-resolution monolithic column with core-shell and fully porous columns for the analysis of retinol and Tocopherol in human serum and breast milk by ultra-high-performance liquid chromatography. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 2223-30	3.4	18
135	Recent trends in determination of thiamine and its derivatives in clinical practice. <i>Journal of Chromatography A</i> , <b>2017</b> , 1510, 1-12	4.5	18
134	Separation and determination of terbinafine and its four impurities of similar structure using simple RP-HPLC method. <i>Talanta</i> , <b>2006</b> , 68, 713-20	6.2	18
133	Spectrophotometric determination of cardiac glycosides by flow-injection analysis. <i>Analytica Chimica Acta</i> , <b>1992</b> , 269, 199-203	6.6	18
132	Aspects of decontamination of ivermectin and praziquantel from environmental waters using advanced oxidation technology. <i>Chemosphere</i> , <b>2016</b> , 144, 21-8	8.4	17
131	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> , <b>2017</b> , 142, 59-65	3.5	17

130	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> , <b>2014</b> , 37, 3306-13	3.4	17
129	A Fast HPLC Method for Determination of Vitamin E Acetate in Dietary Supplements Using Monolithic Column. <i>Food Analytical Methods</i> , <b>2013</b> , 6, 380-385	3.4	17
128	HILIC UHPLC-MS/MS for fast and sensitive bioanalysis: accounting for matrix effects in method development. <i>Bioanalysis</i> , <b>2013</b> , 5, 2345-57	2.1	17
127	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> , <b>2012</b> , 96, 230-5	6.2	17
126	Highly sensitive gas-diffusion sequential injection analysis based on flow manipulation. <i>Talanta</i> , <b>2009</b> , 79, 1021-5	6.2	17
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123	Sample preparation and UHPLC-FD analysis of pteridines in human urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 95, 265-72	3.5	16
122	Rapid sample preparation procedure for determination of retinol and $\alpha$ -tocopherol in human breast milk. <i>Talanta</i> , <b>2012</b> , 93, 147-52	6.2	16
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102	Polycaprolactone nanofibers functionalized with aldopamine coating for on-line solid phase extraction of bisphenols, betablockers, nonsteroidal drugs, and phenolic acids. <i>Mikrochimica Acta</i> , <b>2019</b> , 186, 710	5.8	12
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