

# Ann Van Schepdael

## List of Publications by Citations

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148  
papers

2,296  
citations

26  
h-index

41  
g-index

154  
ext. papers

2,690  
ext. citations

3.6  
avg, IF

5.16  
L-index

#	Paper	IF	Citations
148	Oxidative stress in chronic kidney disease. <i>Pediatric Nephrology</i> , <b>2019</b> , 34, 975-991	3.2	207
147	Inhibition of tumor angiogenesis and growth by a small-molecule multi-FGF receptor blocker with allosteric properties. <i>Cancer Cell</i> , <b>2013</b> , 23, 477-88	24.3	110
146	Mass and sequence verification of modified oligonucleotides using electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , <b>1995</b> , 30, 993-1006	2.2	90
145	Electrophoretically mediated microanalysis. <i>Journal of Chromatography A</i> , <b>2004</b> , 1032, 173-84	4.5	75
144	Michaelis-Menten analysis of bovine plasma amine oxidase by capillary electrophoresis using electrophoretically mediated microanalysis in a partially filled capillary. <i>Electrophoresis</i> , <b>2001</b> , 22, 1436-42 <sup>6</sup>	3.6	73
143	Assay of Kanamycin A by HPLC with Direct UV Detection. <i>Chromatographia</i> , <b>2013</b> , 76, 1505-1512	2.1	67
142	Hydrophilic interaction chromatography (HILIC) in the analysis of antibiotics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 87, 142-54	3.5	66
141	Electrochemical oxidation of key pharmaceuticals using a boron doped diamond electrode. <i>Separation and Purification Technology</i> , <b>2018</b> , 195, 184-191	8.3	60
140	Determination of kanamycin by electrophoretically mediated microanalysis with in-capillary derivatization and UV detection. <i>Electrophoresis</i> , <b>2003</b> , 24, 1119-25	3.6	50
139	Recent developments and applications of EMMA in enzymatic and derivatization reactions. <i>Electrophoresis</i> , <b>2012</b> , 33, 211-27	3.6	46
138	In-capillary screening of matrix metalloproteinase inhibitors by electrophoretically mediated microanalysis with fluorescence detection. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 425-30	7.8	46
137	Advances in CE-mediated microanalysis: an update. <i>Electrophoresis</i> , <b>2008</b> , 29, 56-65	3.6	44
136	Recent advances in CE-mediated microanalysis for enzyme study. <i>Electrophoresis</i> , <b>2014</b> , 35, 119-27	3.6	43
135	Kinetic study of angiotensin converting enzyme activity by capillary electrophoresis after in-line reaction at the capillary inlet. <i>Journal of Chromatography A</i> , <b>2003</b> , 986, 303-11	4.5	43
134	Simple HPLC-UV method for the quantification of metformin in human plasma with one step protein precipitation. <i>Saudi Pharmaceutical Journal</i> , <b>2014</b> , 22, 483-7	4.4	37
133	Determination of capsaicinoids in topical cream by liquid-liquid extraction and liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2002</b> , 30, 1331-7	3.5	35
132	Capacitively coupled contactless conductivity detection as an alternative detection mode in CE for the analysis of kanamycin sulphate and its related substances. <i>Journal of Separation Science</i> , <b>2011</b> , 34, 2448-54	3.4	33

131	Development of electrophoretically mediated microanalysis method for the kinetics study of flavin-containing monooxygenase in a partially filled capillary. <i>Electrophoresis</i> , <b>2008</b> , 29, 3817-24	3.6	31
130	Advances in Capillary Electrophoretically Mediated Microanalysis for On-line Enzymatic and Derivatization Reactions. <i>Electrophoresis</i> , <b>2018</b> , 39, 97-110	3.6	31
129	High-resolution MS and MS(n) investigation of ozone oxidation products from phenazone-type pharmaceuticals and metabolites. <i>Chemosphere</i> , <b>2015</b> , 136, 32-41	8.4	29
128	Study of the competitive inhibition of adenosine deaminase by erythro-9-(2-hydroxy-3-nonyl)adenine using capillary zone electrophoresis. <i>Journal of Chromatography A</i> , <b>1996</b> , 745, 293-298	4.5	29
127	Quantitative mass spectrometry methods for pharmaceutical analysis. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , <b>2016</b> , 374,	3	29
126	Development and validation of a CE-MS method for the targeted assessment of amino acids in urine. <i>Electrophoresis</i> , <b>2016</b> , 37, 1039-47	3.6	28
125	Optimization of capillary electrophoresis method with contactless conductivity detection for the analysis of tobramycin and its related substances. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 58, 49-57	3.5	28
124	Enantioselective in-line and off-line CE methods for the kinetic study on cimetidine and its chiral metabolites with reference to flavin-containing monooxygenase genetic isoforms. <i>Electrophoresis</i> , <b>2009</b> , 30, 1248-57	3.6	27
123	Kinetic study of cytochrome P450 by capillary electrophoretically mediated microanalysis. <i>Electrophoresis</i> , <b>2008</b> , 29, 3694-700	3.6	27
122	Analysis of underivatized gentamicin by capillary electrophoresis with UV detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2007</b> , 44, 49-56	3.5	26
121	Recent advances in vitamins analysis by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 147, 278-287	3.5	24
120	Fibroblast growth factor signaling affects vascular outgrowth and is required for the maintenance of blood vessel integrity. <i>Chemistry and Biology</i> , <b>2014</b> , 21, 1310-1317		24
119	Matrix metalloproteinase inhibitors: a review on bioanalytical methods, pharmacokinetics and metabolism. <i>Current Drug Metabolism</i> , <b>2011</b> , 12, 395-410	3.5	23
118	Recent advances in the capillary electrophoresis analysis of antibiotics with capacitively coupled contactless conductivity detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 158, 405-413	3.5	23
117	Application of Capillary Electrophoresis in Drug Metabolism Studies. <i>Current Analytical Chemistry</i> , <b>2007</b> , 3, 197-217	1.7	22
116	Interlaboratory study of a NACE method for the determination of R-timolol content in S-timolol maleate: assessment of uncertainty. <i>Electrophoresis</i> , <b>2006</b> , 27, 2386-99	3.6	21
115	Micellar electrokinetic capillary chromatography for the separation of cefalexin and its related substances. <i>Electrophoresis</i> , <b>1999</b> , 20, 127-31	3.6	21
114	On-line screening of matrix metalloproteinase inhibitors by capillary electrophoresis coupled to ESI mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 930, 48-53	3.2	20

113	Impact of temperature exposure on stability of drugs in a real-world out-of-hospital setting. <i>Annals of Emergency Medicine</i> , <b>2013</b> , 62, 380-387.e1	2.1	20
112	Full evaporation headspace gas chromatography for sensitive determination of high boiling point volatile organic compounds in low boiling matrices. <i>Journal of Chromatography A</i> , <b>2013</b> , 1315, 167-75	4.5	20
111	Study of enzyme kinetics of phenol sulfotransferase by electrophoretically mediated microanalysis. <i>Journal of Chromatography A</i> , <b>2004</b> , 1032, 319-26	4.5	19
110	Capillary electrophoresis-mass spectrometry in metabolomics: the potential for driving drug discovery and development. <i>Current Drug Metabolism</i> , <b>2013</b> , 14, 807-13	3.5	19
109	Development and validation of a capillary electrophoresis method with capacitively coupled contactless conductivity detection (CE-C(4) D) for the analysis of amikacin and its related substances. <i>Electrophoresis</i> , <b>2012</b> , 33, 2777-82	3.6	18
108	Liquid paraffin as new dilution medium for the analysis of high boiling point residual solvents with static headspace-gas chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2011</b> , 55, 1017-23	2.5	18
107	On-line drug metabolites generation and their subsequent target analysis by capillary zone electrophoresis with UV-absorption detection. <i>Electrophoresis</i> , <b>2010</b> , 31, 3256-62	3.6	18
106	Separation of tetracycline and its related substances by capillary zone electrophoresis. <i>Journal of High Resolution Chromatography</i> , <b>1995</b> , 18, 695-698		18
105	Oxidative stress in autosomal dominant polycystic kidney disease: player and/or early predictor for disease progression?. <i>Pediatric Nephrology</i> , <b>2019</b> , 34, 993-1008	3.2	17
104	Optimization and validation of liquid chromatography and headspace-gas chromatography based methods for the quantitative determination of capsaicinoids, salicylic acid, glycol monosalicylate, methyl salicylate, ethyl salicylate, camphor and l-menthol in a topical formulation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 60, 51-8	3.5	17
103	Development and validation of a sensitive enantiomeric separation method for new single enantiomer drug levornidazole by CD-capillary electrophoresis. <i>Talanta</i> , <b>2013</b> , 106, 186-91	6.2	17
102	Capillary electrophoresis with capacitively coupled contactless conductivity detection method development and validation for the determination of azithromycin, clarithromycin, and clindamycin. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 3535-3544	3.4	16
101	Analysis of cefadroxil by micellar electrokinetic capillary chromatography: development and validation. <i>Electrophoresis</i> , <b>1998</b> , 19, 2890-4	3.6	15
100	Recent advances in CE mediated microanalysis for enzymatic and derivatization reactions. <i>Electrophoresis</i> , <b>2016</b> , 37, 56-65	3.6	15
99	CE-C(4)D method development and validation for the assay of ciprofloxacin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 129, 1-8	3.5	14
98	A sensitive capillary LC-UV method for the simultaneous analysis of olanzapine, chlorpromazine and their FMO-mediated N-oxidation products in brain microdialysates. <i>Talanta</i> , <b>2017</b> , 162, 268-277	6.2	13
97	Trapping magnetic nanoparticles for in-line capillary electrophoresis in a liquid based capillary coolant system. <i>Talanta</i> , <b>2017</b> , 164, 148-153	6.2	12
96	An improved design to capture magnetic microparticles for capillary electrophoresis based immobilized microenzyme reactors. <i>Electrophoresis</i> , <b>2018</b> , 39, 981-988	3.6	12

95	Comparative study on the analytical performance of different detectors for the liquid chromatographic analysis of tobramycin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2010</b> , 53, 151-7	3.5	12
94	In-Line Coupling of the Enzymatic Degradation of Oligonucleotides with Capillary Polymer Sieving Electrophoresis. <i>Analytical Chemistry</i> , <b>1997</b> , 69, 3299-3303	7.8	12
93	Precision study on capillary electrophoresis methods for metacycline. <i>Electrophoresis</i> , <b>2006</b> , 27, 2317-29	3.6	12
92	Analysis of spiramycin by capillary electrophoresis. <i>Electrophoresis</i> , <b>1999</b> , 20, 2407-11	3.6	12
91	A simple, low-cost and robust capillary zone electrophoresis method with capacitively coupled contactless conductivity detection for the routine determination of four selected penicillins in money-constrained laboratories. <i>Electrophoresis</i> , <b>2018</b> , 39, 2521-2529	3.6	11
90	Characterization of impurities in tylosin using dual liquid chromatography combined with ion trap mass spectrometry. <i>Talanta</i> , <b>2013</b> , 106, 29-38	6.2	11
89	Impurity profiling of micronomicin sulfate injection by liquid chromatography-ion trap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 75, 94-104	3.5	10
88	Exploring the possibilities of capacitively coupled contactless conductivity detection in combination with liquid chromatography for the analysis of polar compounds using aminoglycosides as test case. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 112, 155-68	3.5	10
87	Impurity profiling of etimicin sulfate by liquid chromatography ion-trap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 70, 212-23	3.5	10
86	Development and validation of a reversed phase liquid chromatographic method for analysis of griseofulvin and impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 80, 9-17	3.5	10
85	Recent Advances in Portable Analytical Electromigration Devices. <i>Separations</i> , <b>2016</b> , 3, 2	3.1	10
84	Study of Abl1 tyrosine kinase inhibitors by liquid chromatography-electrospray ionization-mass spectrometry. <i>Talanta</i> , <b>2013</b> , 107, 88-94	6.2	9
83	Development of a CD-MEKC method for investigating the metabolism of tamoxifen by flavin-containing monooxygenases and the inhibitory effects of methimazole, nicotine and DMXAA. <i>Electrophoresis</i> , <b>2013</b> , 34, 463-70	3.6	9
82	Development and validation of an indirect pulsed electrochemical detection method for monitoring the inhibition of Abl1 tyrosine kinase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 90, 52-7	3.5	9
81	Thin-Layer Chromatography-Flame Ionization Detection. <i>Chromatographia</i> , <b>2020</b> , 83, 149-157	2.1	9
80	LC-ESI-MS method for the monitoring of Abl 1 tyrosine kinase. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2012</b> , 897, 17-21	3.2	8
79	Development and Validation of a Chromatographic and Electrophoretic Method for the Determination of Amikacin and Urea in Bronchial Epithelial Lining Fluid. <i>Chromatographia</i> , <b>2012</b> , 75, 761-766	2.1	8
78	Intermediate precision study on a capillary electrophoretic method for chlortetracycline. <i>Electrophoresis</i> , <b>2004</b> , 25, 3313-21	3.6	8

77	Headspace gas chromatography based methodology for the analysis of aromatic substituted quaternary ammonium salts. <i>Journal of Chromatography A</i> , <b>2016</b> , 1476, 105-113	4.5	8
76	Overview of sample introduction techniques prior to GC for the analysis of volatiles in solid materials. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 214-225	3.4	8
75	Assay Development for Aminoglycosides by HPLC with Direct UV Detection. <i>Journal of Chromatographic Science</i> , <b>2017</b> , 55, 197-204	1.4	7
74	HPLC-UV Method for Determining Phosphorylated Peptide and for Abl1 Tyrosine Kinase Inhibition Study. <i>Chromatographia</i> , <b>2014</b> , 77, 241-247	2.1	7
73	Simultaneous determination of chlordiazepoxide and selected antidepressants using CZE. <i>Journal of Separation Science</i> , <b>2013</b> , 36, 3432-9	3.4	7
72	Analysis of micronomicin by liquid chromatography with pulsed electrochemical detection. <i>Journal of Chromatography A</i> , <b>2013</b> , 1295, 90-8	4.5	7
71	Application of acetone acetals as water scavengers and derivatization agents prior to the gas chromatographic analysis of polar residual solvents in aqueous samples. <i>Journal of Chromatography A</i> , <b>2015</b> , 1425, 62-72	4.5	7
70	Characterization of the components of meleumycin by liquid chromatography with photo-diode array detection and electrospray ionization tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 84, 69-76	3.5	7
69	Analysis of dideoxyadenosine triphosphate by CE with fluorescence detection. I. Derivatization through the phosphate group. <i>Electrophoresis</i> , <b>2007</b> , 28, 3948-56	3.6	7
68	Thermal desorption-Gas chromatographic methodology for the determination of residual solvents in mesoporous silica. <i>Journal of Chromatography A</i> , <b>2017</b> , 1500, 160-166	4.5	6
67	Improved liquid chromatographic method for quality control of spiramycin using superficially porous particles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 149, 57-65	3.5	6
66	Analysis of impurities in vertilmicin sulfate by liquid chromatography ion-trap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 80, 1-8	3.5	6
65	Effect of Storage Conditions on Stability of Ophthalmological Compounded Cysteamine Eye Drops. <i>JIMD Reports</i> , <b>2018</b> , 42, 47-51	1.9	6
64	Evaluation of immobilized hFMO3 on magnetic nanoparticles by capillary zone electrophoresis. <i>Bioanalysis</i> , <b>2017</b> , 9, 289-296	2.1	5
63	Evaluation of carbohydrate-cysteamine thiazolidines as pro-drugs for the treatment of cystinosis. <i>Carbohydrate Research</i> , <b>2017</b> , 439, 9-15	2.9	5
62	Evaluation of the full evaporation technique for quantitative analysis of high boiling compounds with high affinity for apolar matrices. <i>Journal of Chromatography A</i> , <b>2014</b> , 1348, 63-70	4.5	5
61	Variable column length method development strategy for amino acid analysis in serum samples of neonates with metabolic disorders. <i>Journal of Chromatography A</i> , <b>2013</b> , 1292, 229-38	4.5	5
60	DEVELOPMENT OF A CAPILLARY ELECTROPHORESIS PRECONCENTRATION METHOD FOR THE ANALYSIS OF DIDEOXYADENOSINE TRIPHOSPHATE. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2010</b> , 33, 802-817	1.3	5

59	Study of aldehyde oxidase with phthalazine as substrate using both off-line and on-line capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 165, 393-398	3.5	5
58	High-Resolution MS and MSn Investigation of UV Oxidation Products of Phenazone-type Pharmaceuticals and Metabolites. <i>Chromatographia</i> , <b>2019</b> , 82, 261-269	2.1	5
57	Development and Validation of a CE Method for the Determination of Tetracyclines with Capacitively Coupled Contactless Conductivity Detection. <i>Chromatographia</i> , <b>2019</b> , 82, 1395-1403	2.1	4
56	Development and validation of LC methods for the separation of misoprostol related substances and diastereoisomers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2015</b> , 111, 91-9	3.5	4
55	Immobilizing sulfotransferase 1A1 on magnetic microparticles and their evaluation using capillary electrophoresis. <i>Electrophoresis</i> , <b>2019</b> , 40, 2271-2276	3.6	4
54	An overview of analytical methods for monitoring bacterial transglycosylation. <i>Analytical Methods</i> , <b>2014</b> , 6, 7590-7596	3.2	4
53	12 CE in impurity profiling of drugs. <i>Separation Science and Technology</i> , <b>2008</b> , 9, 259-315	1.7	4
52	Analysis of amikacin, gentamicin and tobramycin by thin layer chromatography-flame ionization detection. <i>Microchemical Journal</i> , <b>2020</b> , 157, 105032	4.8	4
51	Study of aldehyde oxidase by micellar electrokinetic chromatography separation of O-benzylguanidine and 8-oxo-O-benzylguanidine. <i>Electrophoresis</i> , <b>2019</b> , 40, 330-335	3.6	4
50	Recent progress in the LC-MS/MS analysis of oxidative stress biomarkers. <i>Electrophoresis</i> , <b>2021</b> , 42, 402-428	3.2	4
49	Simultaneous determination of allantoin and adenosine in human urine using liquid chromatography - UV detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2018</b> , 1096, 201-207	3.2	4
48	Abl1 inhibitory contaminants leach from plastic tubes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , <b>2016</b> , 31, 340-3	5.6	3
47	Development and validation of a liquid chromatographic method for the analysis of squaric acid dibutyl ester and its impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 141, 165-172	3.5	3
46	Characterization of an unknown impurity in doxofylline using LC-MS and NMR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 140, 31-37	3.5	3
45	Application of the Principles of Green Chemistry for the Development of a New and Sensitive Method for Analysis of Ertapenem Sodium by Capillary Electrophoresis. <i>International Journal of Analytical Chemistry</i> , <b>2019</b> , 2019, 1456313	1.4	3
44	Eco-friendly Evaluation of Rifaximin in Tablets by Capillary Electrophoresis. <i>Journal of Chromatographic Science</i> , <b>2019</b> , 57, 476-483	1.4	3
43	Simultaneous analysis of volatile and semi-volatile components in a topical formulation by gas chromatography using a programmed temperature vaporization inlet and flame ionization detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2019</b> , 171, 65-72	3.5	3
42	Development of a novel sheathless CE-ESI-MS interface via a CO laser ablated opening. <i>Talanta</i> , <b>2020</b> , 214, 120853	6.2	3

41	Determination of residual dimethylsulphoxide in drug loaded gelatin using thermal desorber - gas chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2018</b> , 153, 193-198	3.5	3
40	Metabonomics and drug development. <i>Methods in Molecular Biology</i> , <b>2015</b> , 1277, 195-207	1.4	3
39	CE-MS for the Analysis of Amino Acids. <i>Methods in Molecular Biology</i> , <b>2018</b> , 1730, 305-313	1.4	3
38	Aldehyde oxidase assay by capillary electrophoresis: From off-line, online up to immobilized enzyme reactor. <i>Journal of Separation Science</i> , <b>2020</b> , 43, 3565-3572	3.4	3
37	Exploration of the problems and solutions related to reference introduction prior to calibration of thermal desorber-gas chromatography. <i>Journal of Separation Science</i> , <b>2019</b> , 42, 2816-2825	3.4	2
36	Mechanodegradation of Polymers: A Limiting Factor of Mechanochemical Activation in the Production of Amorphous Solid Dispersions by Cryomilling. <i>Molecular Pharmaceutics</i> , <b>2020</b> , 17, 2987-2999 <sup>5,6</sup>	5.6	2
35	Applicability of refractometry for fast routine checking of hospital preparations. <i>European Journal of Pharmaceutical Sciences</i> , <b>2016</b> , 86, 13-9	5.1	2
34	Method Development and Validation of Capillary Electromigration Methods <b>2018</b> , 235-267		2
33	Characterization of impurities in sodium cromoglycate drug substance and eye drops using LC-ESI-ion trap MS and LC-ESI-QTOF MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2017</b> , 145, 537-548	3.5	2
32	Development of a liquid chromatography/mass spectrometry assay for the bacterial transglycosylation reaction through measurement of Lipid II. <i>Electrophoresis</i> , <b>2015</b> , 36, 2841-2849	3.6	2
31	Analysis of Temocillin and Impurities by Reversed Phase Liquid Chromatography: Development and Validation of the Method. <i>Chromatographia</i> , <b>2014</b> , 77, 1323-1331	2.1	2
30	Impurity analysis of gentamicin bulk samples by improved liquid chromatography-ion trap mass spectrometry. <i>Science China Chemistry</i> , <b>2011</b> , 54, 1518-1528	7.9	2
29	Evaluation of the Kinetics of Hydrolysis of Monoamino Analogues of 2'- or 3'-Deoxyadenosine and of 9-(2-Deoxy- $\beta$ -D-Threo-pentofuranosyl)Adenine or 9-(3-Deoxy- $\beta$ -D-threo-pentofuranosyl)Adenine by Liquid Chromatography. <i>Nucleosides &amp; Nucleotides</i> , <b>1995</b> , 14, 1559-1579		2
28	Venlafaxine Determination in Pharmaceutical Formulation and Serum by Ion-Selective Electrodes. <i>Current Pharmaceutical Design</i> , <b>2018</b> , 24, 2625-2630	3.3	2
27	Headspace solid-phase microextraction and on-fiber derivatization for the determination of 3-/2-MCPDE and GE in breast milk and infant formula by gas chromatography tandem mass spectrometry. <i>LWT - Food Science and Technology</i> , <b>2022</b> , 154, 112575	5.4	2
26	On-line screening of indoleamine 2,3-dioxygenase 1 inhibitors by partial filling capillary electrophoresis combined with rapid polarity switching. <i>Journal of Chromatography A</i> , <b>2021</b> , 1651, 462305 <sup>4,5</sup>	4.5	2
25	Simultaneous Spectrophotometric Determination of Imipramine Hydrochloride with Chlordiazepoxide and Nortriptyline Hydrochloride with Fluphenazine Hydrochloride. <i>Analytical Letters</i> , <b>2017</b> , 50, 1778-1802	2.2	1
24	Correlated quantification using microbiological and electrochemical assays for roxithromycin determination in biological and pharmaceutical samples. <i>Talanta</i> , <b>2020</b> , 211, 120703	6.2	1



23	Characterization of mesoporous silica used for drug delivery by sorptive interaction - multiple headspace extraction-gas chromatography. <i>Talanta</i> , <b>2018</b> , 187, 35-39	6.2	1
22	Application of Capillary Electrophoresis for High-Throughput Screening of Drug Metabolism <b>2013</b> , 309-318		1
21	CHEMICAL STABILITY AND COMPATIBILITY STUDY OF VANCOMYCIN FOR ADMINISTRATION BY CONTINUOUS INFUSION IN INTENSIVE CARE UNITS. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2011</b> , 34, 1965-1975	1.3	1
20	Impurity Profiling of Dirithromycin by Liquid Chromatography Coupled to Electrospray Ionization Mass Spectrometry. <i>Analytical Letters</i> , <b>2012</b> , 45, 1058-1069	2.2	1
19	Qualitative analysis of cetomacrogol creams by thin-layer chromatography flame ionization detection (TLC/FID). <i>SN Applied Sciences</i> , <b>2020</b> , 2, 1	1.8	1
18	Stability of Drugs Used in Helicopter Air Medical Emergency Services: An Exploratory Study. <i>Air Medical Journal</i> , <b>2016</b> , 35, 247-50	1	1
17	Diastereomer recognition of oxytetracycline and its 4-epimer by electrospray ionization mass spectrometry and mechanistic investigation. <i>Journal of Mass Spectrometry</i> , <b>2019</b> , 54, 1013-1018	2.2	1
16	Overview of in-capillary enzymatic reactions using capillary electrophoresis. <i>Electrophoresis</i> , <b>2021</b> ,	3.6	1
15	Determination of pesticide residues in chilli and Sichuan pepper by high performance liquid chromatography quadrupole time-of-flight mass spectrometry.. <i>Food Chemistry</i> , <b>2022</b> , 387, 132915	8.5	1
14	Analysis of volatile organic compounds in fuel oil by headspace GC-MS. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2018</b> , 98, 323-337	1.8	0
13	Diastereomer recognition of three pairs of tetracyclines by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2022</b> , 36, e9221	2.2	0
12	Development and validation of a thermal desorber gas chromatography method for determination of residual solvents in drug loaded albumin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 179, 113032	3.5	0
11	Fast and easily applicable LC-UV method for analysis of bioactive anthrones from Aloe leaf latex. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2021</b> , 195, 113834	3.5	0
10	Development of a reversed phase liquid chromatographic method for analysis of pyridoxal-5P-phosphate and its impurities. <i>Electrophoresis</i> , <b>2018</b> , 39, 2540-2549	3.6	
9	Bioanalytical LC/MS study of potential bacterial transglycosylation inhibitors. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2016</b> , 127, 123-8	3.5	
8	Comprehensive headspace gas chromatographic analysis of denaturants in denatured ethanol. <i>Journal of Separation Science</i> , <b>2017</b> , 40, 4004-4011	3.4	
7	Analysis of Dideoxyadenosine Triphosphate by Capillary Electrophoresis with Fluorescence Detection. Derivatization Through the Adenine Group. <i>Journal of Liquid Chromatography and Related Technologies</i> , <b>2009</b> , 32, 2642-2653	1.3	
6	9.3. Antibiotics. <i>Progress in Pharmaceutical and Biomedical Analysis</i> , <b>2000</b> , 684-711		

5	Development and Validation of a Fast Reversed Phase Liquid Chromatographic Method for the Analysis of Ethionamide in Dosage Forms. <i>Current Pharmaceutical Analysis</i> , <b>2018</b> , 14, 312-319	0.6
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2	Phthalates and infertility: an issue in hernia meshes?. <i>European Surgery - Acta Chirurgica Austriaca</i> , <b>2020</b> , 52, 210-216	0.9
1	Vitamins Analysis by Capillary Electrophoresis. <i>Current and Future Developments in Food Science</i> , <b>2022</b> , 174-220	1