

Ann Van Schepdael

List of Publications by Year in descending order

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153
papers

3,131
citations

185998

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154
docs citations

154
times ranked

3410
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#	ARTICLE	IF	CITATIONS
1	Oxidative stress in chronic kidney disease. <i>Pediatric Nephrology</i> , 2019, 34, 975-991.	0.9	483
2	Inhibition of Tumor Angiogenesis and Growth by a Small-Molecule Multi-FGF Receptor Blocker with Allosteric Properties. <i>Cancer Cell</i> , 2013, 23, 477-488.	7.7	138
3	Electrochemical oxidation of key pharmaceuticals using a boron doped diamond electrode. <i>Separation and Purification Technology</i> , 2018, 195, 184-191.	3.9	98
4	Mass and sequence verification of modified oligonucleotides using electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1995, 30, 993-1006.	0.7	94
5	Assay of Kanamycin A by HPLC with Direct UV Detection. <i>Chromatographia</i> , 2013, 76, 1505-1512.	0.7	83
6	Hydrophilic interaction chromatography (HILIC) in the analysis of antibiotics. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014, 87, 142-154.	1.4	83
7	Michaelis-Menten analysis of bovine plasma amine oxidase by capillary electrophoresis using electrophoretically mediated microanalysis in a partially filled capillary. <i>Electrophoresis</i> , 2001, 22, 1436-1442.	1.3	81
8	Electrophoretically mediated microanalysis. <i>Journal of Chromatography A</i> , 2004, 1032, 173-184.	1.8	77
9	Simple HPLC-UV method for the quantification of metformin in human plasma with one step protein precipitation. <i>Saudi Pharmaceutical Journal</i> , 2014, 22, 483-487.	1.2	61
10	Quantitative mass spectrometry methods for pharmaceutical analysis. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150366.	1.6	54
11	Determination of kanamycin by electrophoretically mediated microanalysis with in-capillary derivatization and UV detection. <i>Electrophoresis</i> , 2003, 24, 1119-1125.	1.3	50
12	Recent developments and applications of EMMA in enzymatic and derivatization reactions. <i>Electrophoresis</i> , 2012, 33, 211-227.	1.3	50
13	In-Capillary Screening of Matrix Metalloproteinase Inhibitors by Electrophoretically Mediated Microanalysis with Fluorescence Detection. <i>Analytical Chemistry</i> , 2011, 83, 425-430.	3.2	48
14	Determination of capsaicinoids in topical cream by liquid-liquid extraction and liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 30, 1331-1337.	1.4	45
15	Recent advances in CE-mediated microanalysis for enzyme study. <i>Electrophoresis</i> , 2014, 35, 119-127.	1.3	45
16	Kinetic study of angiotensin converting enzyme activity by capillary electrophoresis after in-line reaction at the capillary inlet. <i>Journal of Chromatography A</i> , 2003, 986, 303-311.	1.8	44
17	Advances in CE-mediated microanalysis: An update. <i>Electrophoresis</i> , 2008, 29, 56-65.	1.3	44
18	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> , 2012, 58, 49-57.	1.4	39

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19	Recent advances in vitamins analysis by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 278-287.	1.4	38
20	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> , 2011, 34, 2448-2454.	1.3	37
21	Impact of Temperature Exposure on Stability of Drugs in a Real-World Out-of-Hospital Setting. <i>Annals of Emergency Medicine</i> , 2013, 62, 380-387.e1.	0.3	37
22	Advances in Capillary Electrophoretically Mediated Microanalysis for On-line Enzymatic and Derivatization Reactions. <i>Electrophoresis</i> , 2018, 39, 97-110.	1.3	36
23	Recent advances in the capillary electrophoresis analysis of antibiotics with capacitively coupled contactless conductivity detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 158, 405-415.	1.4	36
24	Fibroblast Growth Factor Signaling Affects Vascular Outgrowth and Is Required for the Maintenance of Blood Vessel Integrity. <i>Chemistry and Biology</i> , 2014, 21, 1310-1317.	6.2	34
25	Development of electrophoretically mediated microanalysis method for the kinetics study of flavin-containing monooxygenase in a partially filled capillary. <i>Electrophoresis</i> , 2008, 29, 3817-3824.	1.3	33
26	High-resolution MS and MSn investigation of ozone oxidation products from phenazone-type pharmaceuticals and metabolites. <i>Chemosphere</i> , 2015, 136, 32-41.	4.2	32
27	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> , 1996, 745, 293-298.	1.8	31
28	Analysis of underivatized gentamicin by capillary electrophoresis with UV detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 49-56.	1.4	30
29	Development and validation of a CE-MS method for the targeted assessment of amino acids in urine. <i>Electrophoresis</i> , 2016, 37, 1039-1047.	1.3	29
30	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> , 2009, 30, 1248-1257.	1.3	28
31	Kinetic study of cytochrome P450 by capillary electrophoretically mediated microanalysis. <i>Electrophoresis</i> , 2008, 29, 3694-3700.	1.3	27
32	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> , 2013, 1315, 167-175.	1.8	26
33	Matrix Metalloproteinase Inhibitors: A Review on Bioanalytical Methods, Pharmacokinetics and Metabolism. <i>Current Drug Metabolism</i> , 2011, 12, 395-410.	0.7	25
34	Oxidative stress in autosomal dominant polycystic kidney disease: player and/or early predictor for disease progression?. <i>Pediatric Nephrology</i> , 2019, 34, 993-1008.	0.9	25
35	Application of Capillary Electrophoresis in Drug Metabolism Studies. <i>Current Analytical Chemistry</i> , 2007, 3, 197-217.	0.6	24
36	Micellar electrokinetic capillary chromatography for the separation of cefalexin and its related substances. <i>Electrophoresis</i> , 1999, 20, 127-131.	1.3	23

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37	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> , 2012, 60, 51-58.	1.4	23
38	Interlaboratory study of a NACE method for the determination of R-timolol content in S-timolol maleate: Assessment of uncertainty. <i>Electrophoresis</i> , 2006, 27, 2386-2399.	1.3	22
39	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> , 2011, 55, 1017-1023.	1.4	21
40	Development and validation of a capillary electrophoresis method with capacitively coupled contactless conductivity detection (C ⁴ D) for the analysis of amikacin and its related substances. <i>Electrophoresis</i> , 2012, 33, 2777-2782.	1.3	21
41	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> , 2017, 40, 3535-3544.	1.3	21
42	Capillary Electrophoresis-Mass Spectrometry in Metabolomics: The Potential for Driving Drug Discovery and Development. <i>Current Drug Metabolism</i> , 2013, 14, 807-813.	0.7	21
43	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> , 2013, 930, 48-53.	1.2	20
44	Separation of tetracycline and its related substances by capillary zone electrophoresis. <i>Journal of High Resolution Chromatography</i> , 1995, 18, 695-698.	2.0	19
45	Study of enzyme kinetics of phenol sulfotransferase by electrophoretically mediated microanalysis. <i>Journal of Chromatography A</i> , 2004, 1032, 319-326.	1.8	19
46	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> , 2018, 39, 2521-2529.	1.3	19
47	On-line drug metabolites generation and their subsequent target analysis by capillary zone electrophoresis with UV-absorption detection. <i>Electrophoresis</i> , 2010, 31, 3256-3262.	1.3	18
48	Development and validation of a sensitive enantiomeric separation method for new single enantiomer drug levornidazole by CD-capillary electrophoresis. <i>Talanta</i> , 2013, 106, 186-191.	2.9	18
49	Recent advances in CE mediated microanalysis for enzymatic and derivatization reactions. <i>Electrophoresis</i> , 2016, 37, 56-65.	1.3	18
50	Determination of pesticide residues in chilli and Sichuan pepper by high performance liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Food Chemistry</i> , 2022, 387, 132915.	4.2	18
51	Comparative study on the analytical performance of different detectors for the liquid chromatographic analysis of tobramycin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 151-157.	1.4	16
52	CE-C 4 D method development and validation for the assay of ciprofloxacin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 129, 1-8.	1.4	16
53	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> , 2017, 162, 268-277.	2.9	16
54	In-Line Coupling of the Enzymatic Degradation of Oligonucleotides with Capillary Polymer Sieving Electrophoresis. <i>Analytical Chemistry</i> , 1997, 69, 3299-3303.	3.2	15

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55	Analysis of cefadroxil by micellar electrokinetic capillary chromatography: Development and validation. <i>Electrophoresis</i> , 1998, 19, 2890-2894.	1.3	15
56	Characterization of impurities in tylosin using dual liquid chromatography combined with ion trap mass spectrometry. <i>Talanta</i> , 2013, 106, 29-38.	2.9	15
57	Assay Development for Aminoglycosides by HPLC with Direct UV Detection. <i>Journal of Chromatographic Science</i> , 2017, 55, 197-204.	0.7	15
58	Simultaneous determination of allantoin and adenosine in human urine using liquid chromatography with UV detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1096, 201-207.	1.2	15
59	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> , 2022, 154, 112575.	2.5	15
60	Trapping magnetic nanoparticles for in-line capillary electrophoresis in a liquid based capillary coolant system. <i>Talanta</i> , 2017, 164, 148-153.	2.9	14
61	An improved design to capture magnetic microparticles for capillary electrophoresis based immobilized microenzyme reactors. <i>Electrophoresis</i> , 2018, 39, 981-988.	1.3	14
62	Analysis of spiramycin by capillary electrophoresis. <i>Electrophoresis</i> , 1999, 20, 2407-2411.	1.3	13
63	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> , 2014, 90, 52-57.	1.4	13
64	Recent Advances in Portable Analytical Electromigration Devices. <i>Separations</i> , 2016, 3, 2.	1.1	13
65	Development and Validation of a CE Method for the Determination of Tetracyclines with Capacitively Coupled Contactless Conductivity Detection. <i>Chromatographia</i> , 2019, 82, 1395-1403.	0.7	13
66	Precision study on capillary electrophoresis methods for metacycline. <i>Electrophoresis</i> , 2006, 27, 2317-2329.	1.3	12
67	Study of Abl1 tyrosine kinase inhibitors by liquid chromatography with electro-spray ionization-mass spectrometry. <i>Talanta</i> , 2013, 107, 88-94.	2.9	12
68	Development and validation of a reversed phase liquid chromatographic method for analysis of griseofulvin and impurities. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 80, 9-17.	1.4	12
69	Impurity profiling of etimicin sulfate by liquid chromatography ion-trap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012, 70, 212-223.	1.4	11
70	Impurity profiling of micronomicin sulfate injection by liquid chromatography with ion trap mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 75, 94-104.	1.4	11
71	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> , 2015, 112, 155-168.	1.4	11
72	Headspace gas chromatography based methodology for the analysis of aromatic substituted quaternary ammonium salts. <i>Journal of Chromatography A</i> , 2016, 1476, 105-113.	1.8	11

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73	Effect of Storage Conditions on Stability of Ophthalmological Compounded Cysteamine Eye Drops. <i>JIMD Reports</i> , 2017, 42, 47-51.	0.7	11
74	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> , 2021, 1651, 462305.	1.8	11
75	Development of a CD-µMEKC method for investigating the metabolism of tamoxifen by flavin-containing monooxygenases and the inhibitory effects of methimazole, nicotine and DMXAA. <i>Electrophoresis</i> , 2013, 34, 463-470.	1.3	10
76	Overview of sample introduction techniques prior to GC for the analysis of volatiles in solid materials. <i>Journal of Separation Science</i> , 2019, 42, 214-225.	1.3	10
77	Recent progress in the LC-MS/MS analysis of oxidative stress biomarkers. <i>Electrophoresis</i> , 2021, 42, 402-428.	1.3	10
78	Analysis of amikacin, gentamicin and tobramycin by thin layer chromatography-flame ionization detection. <i>Microchemical Journal</i> , 2020, 157, 105032.	2.3	10
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> , 2012, 75, 761-766.	0.7	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> , 2012, 897, 17-21.	1.2	9
81	Simultaneous determination of chlordiazepoxide and selected antidepressants using CZE. <i>Journal of Separation Science</i> , 2013, 36, 3432-3439.	1.3	9
82	Evaluation of carbohydrate-cysteamine thiazolidines as pro-drugs for the treatment of cystinosis. <i>Carbohydrate Research</i> , 2017, 439, 9-15.	1.1	9
83	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> , 2019, 2019, 1-11.	0.4	9
84	Eco-friendly Evaluation of Rifaximin in Tablets by Capillary Electrophoresis. <i>Journal of Chromatographic Science</i> , 2019, 57, 476-483.	0.7	9
85	High-Resolution MS and MS ⁿ Investigation of UV Oxidation Products of Phenazone-type Pharmaceuticals and Metabolites. <i>Chromatographia</i> , 2019, 82, 261-269.	0.7	9
86	Thin-Layer Chromatography-Flame Ionization Detection. <i>Chromatographia</i> , 2020, 83, 149-157.	0.7	9
87	Development of a novel sheathless CE-ESI-MS interface via a CO ₂ laser ablated opening. <i>Talanta</i> , 2020, 214, 120853.	2.9	9
88	Overview of in-capillary enzymatic reactions using capillary electrophoresis. <i>Electrophoresis</i> , 2022, 43, 57-73.	1.3	9
89	Intermediate precision study on a capillary electrophoretic method for chlortetracycline. <i>Electrophoresis</i> , 2004, 25, 3313-3321.	1.3	8
90	Analysis of dideoxyadenosine triphosphate by CE with fluorescence detection. I. Derivatization through the phosphate group. <i>Electrophoresis</i> , 2007, 28, 3948-3956.	1.3	8

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91	Analysis of micronomicin by liquid chromatography with pulsed electrochemical detection. Journal of Chromatography A, 2013, 1295, 90-98.	1.8	8
92	Analysis of impurities in vertilmicin sulfate by liquid chromatography ion-trap mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2013, 80, 1-8.	1.4	8
93	HPLC-UV Method for Determining Phosphorylated Peptide and for Abl1 Tyrosine Kinase Inhibition Study. Chromatographia, 2014, 77, 241-247.	0.7	8
94	12 CE in impurity profiling of drugs. Separation Science and Technology, 2008, 9, 259-315.	0.0	7
95	Characterization of the components of meleumycin by liquid chromatography with photo-diode array detection and electrospray ionization tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2013, 84, 69-76.	1.4	7
96	Application of acetone acetals as water scavengers and derivatization agents prior to the gas chromatographic analysis of polar residual solvents in aqueous samples. Journal of Chromatography A, 2015, 1425, 62-72.	1.8	7
97	Thermal desorption "Gas chromatographic methodology for the determination of residual solvents in mesoporous silica. Journal of Chromatography A, 2017, 1500, 160-166.	1.8	7
98	Improved liquid chromatographic method for quality control of spiramycin using superficially porous particles. Journal of Pharmaceutical and Biomedical Analysis, 2018, 149, 57-65.	1.4	7
99	Metabonomics and Drug Development. Methods in Molecular Biology, 2015, 1277, 195-207.	0.4	7
100	The effect of Gamma and Ethylene Oxide Sterilization on a Selection of Active Pharmaceutical Ingredients for Ophthalmics. Journal of Pharmaceutical Sciences, 2022, 111, 2011-2017.	1.6	7
101	Evaluation of the full evaporation technique for quantitative analysis of high boiling compounds with high affinity for apolar matrices. Journal of Chromatography A, 2014, 1348, 63-70.	1.8	6
102	Evaluation of immobilized hFMO3 on magnetic nanoparticles by capillary zone electrophoresis. Bioanalysis, 2017, 9, 289-296.	0.6	6
103	Immobilizing sulfotransferase 1A1 on magnetic microparticles and their evaluation using capillary electrophoresis. Electrophoresis, 2019, 40, 2271-2276.	1.3	6
104	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. Journal of Pharmaceutical and Biomedical Analysis, 2019, 171, 65-72.	1.4	6
105	Study of aldehyde oxidase with phthalazine as substrate using both off-line and on-line capillary electrophoresis. Journal of Pharmaceutical and Biomedical Analysis, 2019, 165, 393-398.	1.4	6
106	Mechanodegradation of Polymers: A Limiting Factor of Mechanochemical Activation in the Production of Amorphous Solid Dispersions by Cryomilling. Molecular Pharmaceutics, 2020, 17, 2987-2999.	2.3	6
107	DEVELOPMENT OF A CAPILLARY ELECTROPHORESIS PRECONCENTRATION METHOD FOR THE ANALYSIS OF DIDEOXYADENOSINE TRIPHOSPHATE. Journal of Liquid Chromatography and Related Technologies, 2010, 33, 802-817.	0.5	5
108	Variable column length method development strategy for amino acid analysis in serum samples of neonates with metabolic disorders. Journal of Chromatography A, 2013, 1292, 229-238.	1.8	5

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109	Development and validation of LC methods for the separation of misoprostol related substances and diastereoisomers. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 111, 91-99.	1.4	5
110	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> , 2017, 145, 537-548.	1.4	5
111	Aldehyde oxidase assay by capillary electrophoresis: From off-line, online up to immobilized enzyme reactor. <i>Journal of Separation Science</i> , 2020, 43, 3565-3572.	1.3	5
112	Analysis of Temocillin and Impurities by Reversed Phase Liquid Chromatography: Development and Validation of the Method. <i>Chromatographia</i> , 2014, 77, 1323-1331.	0.7	4
113	An overview of analytical methods for monitoring bacterial transglycosylation. <i>Analytical Methods</i> , 2014, 6, 7590-7596.	1.3	4
114	Stability of Drugs Used in Helicopter Air Medical Emergency Services: An Exploratory Study. <i>Air Medical Journal</i> , 2016, 35, 247-250.	0.3	4
115	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> , 2017, 141, 165-172.	1.4	4
116	Simultaneous Spectrophotometric Determination of Imipramine Hydrochloride with Chlordiazepoxide and Nortriptyline Hydrochloride with Fluphenazine Hydrochloride. <i>Analytical Letters</i> , 2017, 50, 1778-1802.	1.0	4
117	Method Development and Validation of Capillary Electromigration Methods. , 2018, , 235-267.		4
118	Study of aldehyde oxidase by micellar electrokinetic chromatography separation of O ⁶ -benzylguanine and 8-oxo-O ⁶ -benzylguanine. <i>Electrophoresis</i> , 2019, 40, 330-335.	1.3	4
119	Fast and easily applicable LC-UV method for analysis of bioactive anthrones from Aloe leaf latex. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021, 195, 113834.	1.4	4
120	Venlafaxine Determination in Pharmaceutical Formulation and Serum by Ion-Selective Electrodes. <i>Current Pharmaceutical Design</i> , 2018, 24, 2625-2630.	0.9	4
121	Quantification of allantoin and other metabolites of the purine degradation pathway in human plasma samples using a newly developed HILIC-MS/MS method. <i>Electrophoresis</i> , 2022, 43, 1010-1018.	1.3	4
122	Abl1 inhibitory contaminants leach from plastic tubes. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 340-343.	2.5	3
123	Characterization of an unknown impurity in doxofylline using LC-MS and NMR. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 31-37.	1.4	3
124	Determination of residual dimethylsulphoxide in drug loaded gelatin using thermal desorber "gas chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 153, 193-198.	1.4	3
125	Analysis of volatile organic compounds in fuel oil by headspace GC-MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2018, 98, 323-337.	1.8	3
126	Exploration of the problems and solutions related to reference introduction prior to calibration of thermal desorber "gas chromatography. <i>Journal of Separation Science</i> , 2019, 42, 2816-2825.	1.3	3

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127	Diastereomer recognition of oxytetracycline and its 4â€¢pimer by electrospray ionization mass spectrometry and mechanistic investigation. <i>Journal of Mass Spectrometry</i> , 2019, 54, 1013-1018.	0.7	3
128	CE-MS for the Analysis of Amino Acids. <i>Methods in Molecular Biology</i> , 2018, 1730, 305-313.	0.4	3
129	Liquid chromatographic method to followâ€¢up ceftazidime and pyridine in portable elastomeric infusion pumps over 24 h. <i>Electrophoresis</i> , 2022, 43, 970-977.	1.3	3
130	Evaluation of the Kinetics of Hydrolysis of Monoamino Analogues of 2â€¢- or 3â€¢-Deoxyadenosine and of 9-(2-Deoxy-Î²-D- <i>threo</i> -pentofuranosyl)Adenine or 9-(3-Deoxy-Î²-D- <i>threo</i> -pentofuranosyl)Adenine by Liquid Chromatography. <i>Nucleosides & Nucleotides</i> , 1995, 14, 1559-1579.	0.5	2
131	Impurity analysis of gentamicin bulk samples by improved liquid chromatography-ion trap mass spectrometry. <i>Science China Chemistry</i> , 2011, 54, 1518-1528.	4.2	2
132	Development of a liquid chromatography/mass spectrometry assay for the bacterial transglycosylation reaction through measurement of Lipid II. <i>Electrophoresis</i> , 2015, 36, 2841-2849.	1.3	2
133	Applicability of refractometry for fast routine checking of hospital preparations. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 86, 13-19.	1.9	2
134	Correlated quantification using microbiological and electrochemical assays for roxithromycin determination in biological and pharmaceutical samples. <i>Talanta</i> , 2020, 211, 120703.	2.9	2
135	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> , 2011, 34, 1965-1975.	0.5	1
136	Impurity Profiling of Dirithromycin by Liquid Chromatography Coupled to Electrospray Ionization Mass Spectrometry. <i>Analytical Letters</i> , 2012, 45, 1058-1069.	1.0	1
137	Comprehensive headspace gas chromatographic analysis of denaturants in denatured ethanol. <i>Journal of Separation Science</i> , 2017, 40, 4004-4011.	1.3	1
138	Development of a reversed phase liquid chromatographic method for analysis of pyridoxalâ€¢5â€¢phosphate and its impurities. <i>Electrophoresis</i> , 2018, 39, 2540-2549.	1.3	1
139	Characterization of mesoporous silica used for drug delivery by sorptive interaction â€¢ multiple headspace extractionâ€¢gas chromatography. <i>Talanta</i> , 2018, 187, 35-39.	2.9	1
140	A mass spectrometer-compatible liquid chromatographic method for the analysis of tylosin and its impurities using a superficially porous particle column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 147-154.	1.4	1
141	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> , 2020, 179, 113032.	1.4	1
142	Qualitative analysis of cetomacrogol creams by thin-layer chromatographyâ€¢flame ionization detection (TLCâ€¢FID). <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	1
143	VALIDATED MICROBIOLOGICAL ASSAY FOR JOSAMYCIN DETERMINATION IN ITS PHARMACEUTICAL FORMULATIONS. <i>Journal of Microbiology, Biotechnology and Food Sciences</i> , 2020, 10, 33-37.	0.4	1
144	Diastereomer recognition of three pairs of tetracyclines by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2022, 36, e9221.	0.7	1

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145	9.3. Antibiotics. Progress in Pharmaceutical and Biomedical Analysis, 2000, , 684-711.	0.1	0
146	Analysis of Dideoxyadenosine Triphosphate by Capillary Electrophoresis with Fluorescence Detection. Derivatization Through the Adenine Group. Journal of Liquid Chromatography and Related Technologies, 2009, 32, 2642-2653.	0.5	0
147	Bioanalytical LC/MS study of potential bacterial transglycosylation inhibitors. Journal of Pharmaceutical and Biomedical Analysis, 2016, 127, 123-128.	1.4	0
148	Six months stability investigation of sufentanil and ropivacaine/levobupivacaine admixtures in plastic containers by LC-UV. Journal of Pharmaceutical and Biomedical Analysis, 2020, 190, 113541.	1.4	0
149	Phthalates and infertility: an issue in hernia meshes?. European Surgery - Acta Chirurgica Austriaca, 2020, 52, 210-216.	0.3	0
150	Simultaneous Liquid Chromatographic Determination of Selected Tricyclic Antidepressants and Co-Administered Benzodiazepines. Current Analytical Chemistry, 2016, 12, 560-567.	0.6	0
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