

Marianne Fillet

List of Publications by Year in descending order

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214
papers

6,547
citations

57631

44
h-index

106150

65
g-index

215
all docs

215
docs citations

215
times ranked

6751
citing authors

#	ARTICLE	IF	CITATIONS
1	NF- κ B transcription factor induces drug resistance through MDR1 expression in cancer cells. <i>Oncogene</i> , 2003, 22, 90-97.	2.6	411
2	Enantiomeric separations of drugs using mixtures of charged and neutral cyclodextrins. <i>Journal of Chromatography A</i> , 2000, 875, 123-134.	1.8	170
3	Volumetric absorptive microsampling: Current advances and applications. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 288-296.	1.4	128
4	Proteomic mass spectra classification using decision tree based ensemble methods. <i>Bioinformatics</i> , 2005, 21, 3138-3145.	1.8	122
5	Chiral separation of basic drugs by capillary zone electrophoresis with cyclodextrin additives. <i>Electrophoresis</i> , 1994, 15, 818-823.	1.3	117
6	Biomarker discovery for inflammatory bowel disease, using proteomic serum profiling. <i>Biochemical Pharmacology</i> , 2007, 73, 1422-1433.	2.0	104
7	Discovery of new rheumatoid arthritis biomarkers using the surface-enhanced laser desorption/ionization time-of-flight mass spectrometry ProteinChip approach. <i>Arthritis and Rheumatism</i> , 2005, 52, 3801-3812.	6.7	102
8	Method development strategies for the enantioseparation of drugs by capillary electrophoresis using cyclodextrins as chiral additives. <i>Electrophoresis</i> , 1998, 19, 2834-2840.	1.3	96
9	Determination of six water-soluble vitamins in a pharmaceutical formulation by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1997, 15, 1113-1123.	1.4	95
10	Enantiomeric purity determination of propranolol by cyclodextrin-modified capillary electrophoresis. <i>Journal of Chromatography A</i> , 1995, 717, 203-209.	1.8	91
11	Designed combination of chiral selectors for adjustment of enantioseparation selectivity in capillary electrophoresis. <i>Electrophoresis</i> , 1999, 20, 2691-2697.	1.3	88
12	Monomeric Calgranulins Measured by SELDI-TOF Mass Spectrometry and Calprotectin Measured by ELISA as Biomarkers in Arthritis. <i>Clinical Chemistry</i> , 2008, 54, 1066-1075.	1.5	85
13	Chronic fluoxetine treatment and maternal adversity differentially alter neurobehavioral outcomes in the rat dam. <i>Behavioural Brain Research</i> , 2012, 228, 159-168.	1.2	84
14	Inhibition of ceramide's redox signaling pathway blocks glomerular injury in hyperhomocysteinemic rats. <i>Kidney International</i> , 2006, 70, 88-96.	2.6	80
15	Capillary electrophoresis-mass spectrometry, an attractive tool for drug bioanalysis and biomarker discovery. <i>Electrophoresis</i> , 2006, 27, 2616-2629.	1.3	75
16	De novo C16- and C24-ceramide generation contributes to spontaneous neutrophil apoptosis. <i>Journal of Leukocyte Biology</i> , 2007, 81, 1477-1486.	1.5	74
17	Toward Worldwide Hepcidin Assay Harmonization: Identification of a Commutable Secondary Reference Material. <i>Clinical Chemistry</i> , 2016, 62, 993-1001.	1.5	73
18	Challenges for Biomarker Discovery in Body Fluids Using SELDI-TOF-MS. <i>Journal of Biomedicine and Biotechnology</i> , 2010, 2010, 1-15.	3.0	71

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19	Enantioresolution of basic pharmaceuticals using cellulose tris(4-chloro-3-methylphenylcarbamate) as chiral stationary phase and polar organic mobile phases. <i>Journal of Chromatography A</i> , 2009, 1216, 7450-7455.	1.8	67
20	Prediction of selectivity for enantiomeric separations of uncharged compounds by capillary electrophoresis involving dual cyclodextrin systems. <i>Journal of Chromatography A</i> , 2002, 948, 321-329.	1.8	64
21	Proteomics for prediction and characterization of response to infliximab in Crohn's disease: A pilot study. <i>Clinical Biochemistry</i> , 2008, 41, 960-967.	0.8	64
22	Enantioseparation of uncharged compounds by capillary electrophoresis using mixtures of anionic and neutral β -cyclodextrin derivatives. <i>Journal of Chromatography A</i> , 1998, 817, 113-119.	1.8	63
23	Supercritical fluid chromatography in traditional Chinese medicine analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 147, 65-80.	1.4	62
24	Enantiomeric separation of acidic drugs by capillary electrophoresis using a combination of charged and uncharged β -cyclodextrins as chiral selectors. <i>Journal of High Resolution Chromatography</i> , 1996, 19, 669-673.	2.0	60
25	Enantioseparation of nonsteroidal anti-inflammatory drugs by capillary electrophoresis using mixtures of anionic and uncharged β -cyclodextrins as chiral additives. <i>Electrophoresis</i> , 1997, 18, 1013-1018.	1.3	59
26	Mechanisms involved in exogenous C2- and C6-ceramide-induced cancer cell toxicity. <i>Biochemical Pharmacology</i> , 2003, 65, 1633-1642.	2.0	57
27	Stereoselective determination of S-naproxen in tablets by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998, 18, 799-805.	1.4	56
28	Critical analysis of several analytical method validation strategies in the framework of the fit for purpose concept. <i>Journal of Chromatography A</i> , 2010, 1217, 3180-3192.	1.8	56
29	Effects of background electrolyte composition and addition of selectors on separation selectivity in nonaqueous capillary electrophoresis. <i>Electrophoresis</i> , 2003, 24, 1499-1507.	1.3	55
30	Resolution improvement by use of carboxymethyl- β -cyclodextrin as chiral additive for the enantiomeric separation of basic drugs by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1996, 14, 1107-1114.	1.4	52
31	Separation of nonsteroidal anti-inflammatory drugs by capillary electrophoresis using nonaqueous electrolytes. <i>Electrophoresis</i> , 1999, 20, 1907-1915.	1.3	52
32	Capillary electrophoretic and nuclear magnetic resonance studies on the opposite affinity pattern of propranolol enantiomers towards various cyclodextrins. <i>Journal of Separation Science</i> , 2010, 33, 1617-1624.	1.3	52
33	Enantiomeric separation of basic compounds using heptakis(2,3-di-O-methyl-6-O-sulfo)- β -cyclodextrin in combination with potassium camphorsulfonate in nonaqueous capillary electrophoresis: Optimization by means of an experimental design. <i>Electrophoresis</i> , 2004, 25, 2701-2710.	1.3	51
34	Beyond dried blood spot: Current microsampling techniques in the context of biomedical applications. <i>TrAC - Trends in Analytical Chemistry</i> , 2017, 97, 326-332.	5.8	51
35	Developmental Fluoxetine Exposure Normalizes the Long-Term Effects of Maternal Stress on Post-Operative Pain in Sprague-Dawley Rat Offspring. <i>PLoS ONE</i> , 2013, 8, e57608.	1.1	50
36	Non-aqueous capillary electrophoretic enantioseparation of N-derivatized amino acids using cinchona alkaloids and derivatives as chiral counter-ions. <i>Journal of Chromatography A</i> , 2000, 875, 353-360.	1.8	49

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37	Development of a non-surfactant parenteral formulation of miconazole by the use of cyclodextrins. <i>International Journal of Pharmaceutics</i> , 1998, 169, 15-22.	2.6	48
38	Development and validation of a fast SFC method for the analysis of flavonoids in plant extracts. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 384-391.	1.4	48
39	Nonaqueous capillary electrophoresis method for the enantiomeric purity determination of S-timolol using heptakis(2,3-di-O-methyl-6-O-sulfo)- β -cyclodextrin: Validation using the accuracy profile strategy and estimation of uncertainty. <i>Journal of Chromatography A</i> , 2006, 1120, 102-111.	1.8	47
40	Influence of the BGE composition on analyte response in CD-mediated NACE-MS. <i>Electrophoresis</i> , 2010, 31, 1157-1161.	1.3	47
41	DERP6 (ELP5) and C3ORF75 (ELP6) Regulate Tumorigenicity and Migration of Melanoma Cells as Subunits of Elongator. <i>Journal of Biological Chemistry</i> , 2012, 287, 32535-32545.	1.6	47
42	Comparative enantioseparation of talinolol in aqueous and non-aqueous capillary electrophoresis and study of related selector-selectand interactions by nuclear magnetic resonance spectroscopy. <i>Journal of Chromatography A</i> , 2012, 1267, 206-216.	1.8	47
43	Bioavailability enhancement of itraconazole-based solid dispersions produced by hot melt extrusion in the framework of the Three Rs rule. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 99, 1-8.	1.9	47
44	On-line coupling of cyclodextrin mediated nonaqueous capillary electrophoresis to mass spectrometry for the determination of salbutamol enantiomers in urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006, 40, 752-757.	1.4	46
45	Metabolomics as a Challenging Approach for Medicinal Chemistry and Personalized Medicine. <i>Journal of Medicinal Chemistry</i> , 2016, 59, 8649-8666.	2.9	46
46	Determination of enantiomeric purity of <i>S</i> -amlodipine by chiral LC with emphasis on reversal of enantiomer elution order. <i>Journal of Separation Science</i> , 2011, 34, 1772-1780.	1.3	45
47	Capillary Electrophoresis-Mass Spectrometry at Trial by Metabo-Ring: Effective Electrophoretic Mobility for Reproducible and Robust Compound Annotation. <i>Analytical Chemistry</i> , 2020, 92, 14103-14112.	3.2	44
48	Separation, identification and quantitation of ceramides in human cancer cells by liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2002, 949, 225-233.	1.8	43
49	The Proapoptotic C16-ceramide-Dependent Pathway Requires the Death-Promoting Factor Btf in Colon Adenocarcinoma Cells. <i>Journal of Proteome Research</i> , 2009, 8, 4810-4822.	1.8	43
50	Discovery and biochemical characterisation of four novel biomarkers for osteoarthritis. <i>Annals of the Rheumatic Diseases</i> , 2011, 70, 1144-1152.	0.5	43
51	Enantioselective capillary electrophoresis-mass spectrometry of amino acids in cerebrospinal fluid using a chiral derivatizing agent and volatile surfactant. <i>Analytica Chimica Acta</i> , 2016, 940, 150-158.	2.6	42
52	Combination of capillary electrophoresis, molecular modelling and nuclear magnetic resonance to study the interaction mechanisms between single-isomer anionic cyclodextrin derivatives and basic drug enantiomers in a methanolic background electrolyte. <i>Journal of Chromatography A</i> , 2012, 1232, 59-64.	1.8	41
53	Comparison of three methods for fractionation and enrichment of low molecular weight proteins for SELDI-TOF-MS differential analysis. <i>Talanta</i> , 2010, 82, 245-254.	2.9	39
54	Provisional standardization of hepcidin assays: creating a traceability chain with a primary reference material, candidate reference method and a commutable secondary reference material. <i>Clinical Chemistry and Laboratory Medicine</i> , 2019, 57, 864-872.	1.4	39

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55	Quantitative analysis of non-steroidal anti-inflammatory drugs by capillary zone electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1995, 13, 497-503.	1.4	38
56	Influence of the nature of the electrolyte on the chiral separation of basic compounds in nonaqueous capillary electrophoresis using heptakis(2,3-di-O-methyl-6-O-sulfo)- β -cyclodextrin. <i>Journal of Chromatography A</i> , 2005, 1068, 143-150.	1.8	38
57	Immune Recovery after Allogeneic Hematopoietic Stem Cell Transplantation Following Flu-TBI versus TLI-ATG Conditioning. <i>Clinical Cancer Research</i> , 2015, 21, 3131-3139.	3.2	38
58	HPV infection alters vaginal microbiome through down-regulating host mucosal innate peptides used by Lactobacilli as amino acid sources. <i>Nature Communications</i> , 2022, 13, 1076.	5.8	38
59	Nonaqueous electrokinetic chromatography-electrospray ionization mass spectrometry using anionic cyclodextrins. <i>Journal of Chromatography A</i> , 2007, 1159, 51-57.	1.8	37
60	Simultaneous analysis of nucleobases, nucleosides and ginsenosides in ginseng extracts using supercritical fluid chromatography coupled with single quadrupole mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 144, 213-219.	1.4	37
61	Enhancement of selectivity and resolution in the enantioseparation of uncharged compounds using mixtures of oppositely charged cyclodextrins in capillary electrophoresis. <i>Electrophoresis</i> , 2003, 24, 343-350.	1.3	36
62	Synergistic effects of ion-pairing in the enantiomeric separation of basic compounds with cyclodextrin derivatives in nonaqueous capillary electrophoresis. <i>Electrophoresis</i> , 2003, 24, 363-369.	1.3	36
63	Study of the cholesterol extraction capacity of β -cyclodextrin and its derivatives, relationships with their effects on endothelial cell viability and on membrane models. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2009, 63, 225-231.	1.6	36
64	Development of a nano-liquid chromatography on chip tandem mass spectrometry method for high-sensitivity hepcidin quantitation. <i>Journal of Chromatography A</i> , 2011, 1218, 9046-9054.	1.8	36
65	The emergence of metabolomics as a key discipline in the drug discovery process. <i>Drug Discovery Today: Technologies</i> , 2015, 13, 19-24.	4.0	36
66	Chemo- and enantio-selective method for the analysis of amino acids by capillary electrophoresis with in-capillary derivatization. <i>Journal of Chromatography A</i> , 2012, 1267, 121-126.	1.8	35
67	Targeted metabolomics of whole blood using volumetric absorptive microsampling. <i>Talanta</i> , 2019, 197, 49-58.	2.9	35
68	Factor XII/XIIa inhibitors: Their discovery, development, and potential indications. <i>European Journal of Medicinal Chemistry</i> , 2020, 208, 112753.	2.6	34
69	Separation of propranolol enantiomers by CE using sulfated β -CD derivatives in aqueous and nonaqueous electrolytes: Comparative CE and NMR study. <i>Electrophoresis</i> , 2010, 31, 1467-1474.	1.3	33
70	Optimization of the LC enantioseparation of chiral pharmaceuticals using cellulose tris(4-chloro-3-methylphenylcarbamate) as chiral selector and polar nonaqueous mobile phases. <i>Journal of Separation Science</i> , 2010, 33, 1699-1707.	1.3	33
71	Development and validation of a nonaqueous capillary electrophoretic method for the enantiomeric purity determination of a synthetic intermediate of new 3,4-dihydro-2,2-dimethyl-2H-1-benzopyrans using a single-isomer anionic cyclodextrin derivative and an ionic liquid. <i>Journal of Chromatography A</i> , 2010, 1217, 7949-7955.	1.8	33
72	The Repressing Function of the Oncoprotein BCL-3 Requires CtBP, while Its Polyubiquitination and Degradation Involve the E3 Ligase TBLR1. <i>Molecular and Cellular Biology</i> , 2010, 30, 4006-4021.	1.1	33

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73	Fluoxetine Dose and Administration Method Differentially Affect Hippocampal Plasticity in Adult Female Rats. <i>Neural Plasticity</i> , 2014, 2014, 1-9.	1.0	33
74	Whole blood microsampling for the quantitation of estetrol without derivatization by liquid chromatography-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 140, 258-265.	1.4	33
75	Sodium nitroprusside-induced osteoblast apoptosis is mediated by long chain ceramide and is decreased by raloxifene. <i>Biochemical Pharmacology</i> , 2005, 69, 891-901.	2.0	32
76	Optimization of the liquid chromatography enantioseparation of chiral acidic compounds using cellulose tris(3-chloro-4-methylphenylcarbamate) as chiral selector and polar organic mobile phases. <i>Journal of Chromatography A</i> , 2012, 1234, 56-63.	1.8	32
77	Enantiomeric separation of acidic compounds using single-isomer amino cyclodextrin derivatives in nonaqueous capillary electrophoresis. <i>Electrophoresis</i> , 2006, 27, 3434-3442.	1.3	31
78	Validation of a nonaqueous capillary electrophoretic method for the enantiomeric purity determination of R-flurbiprofen using a single-isomer amino cyclodextrin derivative. <i>Journal of Chromatography A</i> , 2008, 1204, 219-225.	1.8	31
79	Optimization of the separation of β_2 -blockers by ion-pair capillary electrophoresis in non-aqueous media using univariate and multivariate approaches. <i>Journal of Separation Science</i> , 2002, 25, 1087-1095.	1.3	30
80	Biomarker discovery in asthma-related inflammation and remodeling. <i>Proteomics</i> , 2009, 9, 2163-2170.	1.3	30
81	Evaluation of hydrophilic interaction liquid chromatography, capillary zone electrophoresis and drift tube ion-mobility quadrupole time of flight mass spectrometry for the characterization of phosphodiester and phosphorothioate oligonucleotides. <i>Journal of Chromatography A</i> , 2020, 1614, 460716.	1.8	30
82	Determination of inhibitory potency of argatroban toward thrombin by electrophoretically mediated microanalysis. <i>Talanta</i> , 2013, 116, 719-725.	2.9	29
83	Simultaneous determination of amino acids in different teas using supercritical fluid chromatography coupled with single quadrupole mass spectrometry. <i>Journal of Pharmaceutical Analysis</i> , 2019, 9, 254-258.	2.4	29
84	Determination of salbutamol enantiomers in human urine using heptakis(2,3-di-O-acetyl-6-O-sulfo)- β -cyclodextrin in nonaqueous capillary electrophoresis. <i>Electrophoresis</i> , 2004, 25, 1632-1640.	1.3	28
85	Implementation of a design space approach for enantiomeric separations in polar organic solvent chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 74, 273-283.	1.4	28
86	A micellar electrokinetic chromatography-mass spectrometry approach using in-capillary diastereomeric derivatization for fully automatized chiral analysis of amino acids. <i>Journal of Chromatography A</i> , 2016, 1467, 400-408.	1.8	28
87	Capillary electrophoresis in the context of drug discovery. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 144, 195-212.	1.4	28
88	Perinatal fluoxetine increases hippocampal neurogenesis and reverses the lasting effects of pre-gestational stress on serum corticosterone, but not on maternal behavior, in the rat dam. <i>Behavioural Brain Research</i> , 2018, 339, 222-231.	1.2	28
89	Development and validation of a LC method for the enantiomeric purity determination of S-ropivacaine in a pharmaceutical formulation using a recently commercialized cellulose-based chiral stationary phase and polar non-aqueous mobile phase. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 687-693.	1.4	27
90	Hepcidin determination in dried blood by microfluidic LC-MS/MS: comparison of DBS and volumetric absorptive microsampling for matrix effect and recovery. <i>Bioanalysis</i> , 2015, 7, 2789-2799.	0.6	27

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91	Elimination of adsorption effects in the analysis of water-soluble vitamins in pharmaceutical formulations by capillary electrophoresis. <i>Journal of Chromatography A</i> , 1999, 853, 391-401.	1.8	26
92	Sampling only ten microliters of whole blood for the quantification of poorly soluble drugs: Itraconazole as case study. <i>Journal of Chromatography A</i> , 2017, 1479, 161-168.	1.8	26
93	Determination of benzodiazepines by micellar electrokinetic chromatography. <i>Electrophoresis</i> , 1994, 15, 1316-1321.	1.3	25
94	Generic systems for the enantioseparation of basic drugs in NACE using single-isomer anionic CDs. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 154-159.	1.4	25
95	A validated microfluidics-based LC-MS/MS method for the quantitation of fluoxetine and norfluoxetine in rat serum. <i>Electrophoresis</i> , 2012, 33, 3370-3379.	1.3	25
96	Effect of Non-Steroidal Anti-Inflammatory Drugs on Amyloid- β^2 Formation and Macrophage Activation after Platelet Phagocytosis. <i>Journal of Cardiovascular Pharmacology</i> , 2004, 43, 462-470.	0.8	24
97	Determination of flurbiprofen enantiomers in plasma using a single-isomer amino cyclodextrin derivative in nonaqueous capillary electrophoresis. <i>Electrophoresis</i> , 2008, 29, 3641-3648.	1.3	24
98	Hydroxylated Analogues of ATP-Sensitive Potassium Channel Openers Belonging to the Group of 6- and/or 7-Substituted 3-Isopropylamino-4 <i>H</i> -1,2,4-benzothiadiazine 1,1-Dioxides: Toward an Improvement in Sulfonylurea Receptor 1 Selectivity and Metabolism Stability. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 8353-8361.	2.9	24
99	Targeted proteomics reveals serum amyloid A variants and alarmins S100A8-S100A9 as key plasma biomarkers of rheumatoid arthritis. <i>Talanta</i> , 2019, 204, 507-517.	2.9	24
100	Preparation and pharmacological evaluation of the R- and S-enantiomers of 3-(2-butylamino)-4 <i>H</i> - and 3-(3-methyl-2-butylamino)-4 <i>H</i> -pyrido[4,3- <i>e</i>]-1,2,4-thiadiazine 1,1-dioxide, two tissue selective ATP-sensitive potassium channel openers. <i>Bioorganic and Medicinal Chemistry</i> , 1999, 7, 1513-1520.	1.4	23
101	The c-Jun N-terminal Kinase (JNK)-binding Protein (JNKBP1) Acts as a Negative Regulator of NOD2 Protein Signaling by Inhibiting Its Oligomerization Process. <i>Journal of Biological Chemistry</i> , 2012, 287, 29213-29226.	1.6	23
102	Optimizing hepcidin measurement with a proficiency test framework and standardization improvement. <i>Clinical Chemistry and Laboratory Medicine</i> , 2021, 59, 315-323.	1.4	23
103	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
104	Robustness testing of a chiral NACE method for R-timolol determination in S-timolol maleate and uncertainty assessment from quantitative data. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007, 44, 640-651.	1.4	22
105	Simultaneous determination of insulin and its analogues in pharmaceutical formulations by micellar electrokinetic chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015, 111, 344-350.	1.4	22
106	Microfluidics contribution to pharmaceutical sciences: From drug discovery to post marketing product management. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 159, 348-362.	1.4	22
107	Thiamine and benfotiamine protect neuroblastoma cells against paraquat and β^2 -amyloid toxicity by a coenzyme-independent mechanism. <i>Heliyon</i> , 2019, 5, e01710.	1.4	22
108	Development and validation of a sensitive solid phase extraction/hydrophilic interaction liquid chromatography/mass spectrometry method for the accurate determination of glucosamine in dog plasma. <i>Journal of Chromatography A</i> , 2010, 1217, 3275-3281.	1.8	21

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109	(+) or (âˆ™)-1-(9-fluorenyl)ethyl chloroformate as chiral derivatizing agent: A review. <i>Journal of Chromatography A</i> , 2017, 1513, 1-17.	1.8	21
110	Multidimensional performance assessment of micro pillar array column chromatography combined to ion mobility-mass spectrometry for proteome research. <i>Analytica Chimica Acta</i> , 2019, 1086, 1-13.	2.6	21
111	Effect of the nature of the singleâ€™somer anionic CD and the BGE composition on the enantiomeric separation of Î²â€™blockers in NACE. <i>Electrophoresis</i> , 2009, 30, 2862-2868.	1.3	20
112	Evaluation of chlorine containing celluloseâ€™based chiral stationary phases for the LC enantioseparation of basic pharmaceuticals using polar nonâ€™aqueous mobile phases. <i>Journal of Separation Science</i> , 2011, 34, 617-622.	1.3	20
113	New role for EMD (emerin), a key inner nuclear membrane protein, as an enhancer of autophagosome formation in the C16-ceramide autophagy pathway. <i>Autophagy</i> , 2014, 10, 1229-1240.	4.3	20
114	Comparison of hyperspectral imaging techniques for the elucidation of falsified medicines composition. <i>Talanta</i> , 2019, 198, 457-463.	2.9	20
115	Dibenzoylthiamine Has Powerful Antioxidant and Anti-Inflammatory Properties in Cultured Cells and in Mouse Models of Stress and Neurodegeneration. <i>Biomedicines</i> , 2020, 8, 361.	1.4	20
116	In-capillary derivatization with (âˆ™)-1-(9-fluorenyl)ethyl chloroformate as chiral labeling agent for the electrophoretic separation of amino acids. <i>Journal of Chromatography A</i> , 2014, 1363, 338-347.	1.8	19
117	RIP3 antagonizes a TSC2-mediated pro-survival pathway in glioblastoma cell death. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2017, 1864, 113-124.	1.9	19
118	High Inorganic Triphosphatase Activities in Bacteria and Mammalian Cells: Identification of the Enzymes Involved. <i>PLoS ONE</i> , 2012, 7, e43879.	1.1	18
119	Highly sensitive and selective separation of intact parathyroid hormone and variants by sheathless CEâ€™ESIâ€™MS/MS. <i>Electrophoresis</i> , 2019, 40, 1550-1557.	1.3	18
120	Development of injectable liposomes and drug-in-cyclodextrin-in-liposome formulations encapsulating estetrol to prevent cerebral ischemia of premature babies. <i>European Journal of Pharmaceutical Sciences</i> , 2019, 127, 52-59.	1.9	18
121	Differential Expression of Proteins in Response to Ceramide-Mediated Stress Signal in Colon Cancer Cells by 2-D Gel Electrophoresis and MALDI-TOFâ€™MS. <i>Journal of Proteome Research</i> , 2005, 4, 870-880.	1.8	17
122	Partial filling affinity capillary electrophoresis as a useful tool for fragment-based drug discovery: A proof of concept on thrombin. <i>Analytica Chimica Acta</i> , 2017, 984, 211-222.	2.6	17
123	Selectivity evaluation of phenyl based stationary phases for the analysis of amino acid diastereomers by liquid chromatography coupled with mass spectrometry. <i>Journal of Chromatography A</i> , 2019, 1590, 80-87.	1.8	17
124	Modulation of Î±VÎ²6 integrin in osteoarthritis-related synovitis and the interaction with VTN(381â€™397) Tj ETQq0,0,0 rgBT /Overlock 1	3.2	17
125	Therapeutic peptides for chemotherapy: Trends and challenges for advanced delivery systems. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 167, 140-158.	2.0	17
126	High-sensitivity staining of proteins for one- and two-dimensional gel electrophoresis using post migration covalent staining with a ruthenium fluorophore. <i>Electrophoresis</i> , 2006, 27, 1407-1416.	1.3	16

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127	Nutrient digestibility of <i>Mucuna (Mucuna pruriens</i> var. <i>utilis</i>) bean in guinea fowl (<i>Numida meleagris</i> , L): Effects of heat treatment and levels of incorporation in diets. <i>British Poultry Science</i> , 2009, 50, 564-572.	0.8	16
128	Association of two single enantiomer anionic CD in NACE for the chiral and achiral separation of fenbendazole, its sulphoxide and sulphone metabolites: Application to their determination after in vitro metabolism. <i>Electrophoresis</i> , 2010, 31, 1482-1487.	1.3	16
129	Potential Therapeutic Target Discovery by 2D-DIGE Proteomic Analysis in Mouse Models of Asthma. <i>Journal of Proteome Research</i> , 2011, 10, 4291-4301.	1.8	16
130	Development of a generic micellar electrokinetic chromatography method for the separation of 15 antimalarial drugs as a tool to detect medicine counterfeiting. <i>Electrophoresis</i> , 2012, 33, 1669-1678.	1.3	16
131	Determination of phenolic acids in extra virgin olive oil using supercritical fluid chromatography coupled with single quadrupole mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 157, 217-225.	1.4	16
132	Capillary electrophoresis-mass spectrometry of derivatized amino acids for targeted neurometabolomics – pH mediated reversal of diastereomer migration order. <i>Journal of Chromatography A</i> , 2018, 1564, 199-206.	1.8	16
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