Gerhard K E Scriba

List of Publications by Year
in descending order

150	4,240	109264	149623
papers	citations	35 h-index	56 g-index

160	160	160	2619
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chiral recognition in separation science â€“ an update. Journal of Chromatography A, 2016, 1467, 56-78.	1.8	262
2	Chiral Recognition Mechanisms in Analytical Separation Sciences. Chromatographia, 2012, 75, 815-838.	0.7	161
3	Selected fundamental aspects of chiral electromigration techniques and their application to pharmaceutical and biomedical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2002, 27, 373-399.	1.4	128
4	Enantiomer Separations in Capillary Electrophoresis in the Case of Equal Binding Constants of the Enantiomers with a Chiral Selector:Â Commentary on the Feasibility of the Concept. Analytical Chemistry, 2004, 76, 4256-4260.	3.2	121
5	Chiral recognition in separation sciences. Part I: Polysaccharide and cyclodextrin selectors. TrAC - Trends in Analytical Chemistry, 2019, 120, 115639.	5.8	120
6	Recent advances in electrodriven enantioseparations. Journal of Separation Science, 2013, 36, 52-74.	1.3	109
7	Pharmaceutical and biomedical applications of chiral capillary electrophoresis and capillary electrochromatography: An update. Electrophoresis, 2003, 24, 2409-2421.	1.3	103
8	Advances in the Use of Cyclodextrins as Chiral Selectors in Capillary Electrokinetic Chromatography: Fundamentals and Applications. Chromatographia, 2016, 79, 1403-1435.	0.7	101
9	Recent advances in capillary electrophoretic migration techniques for pharmaceutical analysis (2013â€“2015). Electrophoresis, 2016, 37, 1591-1608.	1.3	93
10	Fundamental aspects of chiral electromigration techniques and application in pharmaceutical and biomedical analysis. Journal of Pharmaceutical and Biomedical Analysis, 2011, 55, 688-701.	1.4	90
11	Advances in-capillary electrophoretic enzyme assays. Journal of Pharmaceutical and Biomedical Analysis, 2010, 53, 1076-1090.	1.4	89
12	Recent advances in capillary electrophoretic migration techniques for pharmaceutical analysis. Electrophoresis, 2014, 35, 170-189.	1.3	75
13	Nonaqueous capillary electrophoresisâ€“mass spectrometry. Journal of Chromatography A, 2007, 1159, 28-41.	1.8	71
14	Analysis of small molecule drugs, excipients and counter ions in pharmaceuticals by capillary electromigration methods â€“ recent developments. Journal of Pharmaceutical and Biomedical Analysis, 2018, 147, 425-438.	1.4	60
15	Electrophoretic stereoisomer separation of aspartyl dipeptides and tripeptides in untreated fused-silica and polyacrylamide-coated capillaries using charged cyclodextrins. Journal of Chromatography A, 1998, 822, 137-145.	1.8	56
16	Influence of the structure of cyclodextrins and amino acid sequence of dipeptides and tripeptides on the pH-dependent reversal of the migration order in capillary electrophoresis. Journal of Chromatography A, 2000, 894, 267-272.	1.8	54
17	pH-Dependent reversal of the chiral recognition of tripeptide enantiomers by carboxymethyl-Î²-cyclodextrin. Journal of Chromatography A, 1999, 833, 261-266.	1.8	51
18	Recent advances in enantioseparations of peptides by capillary electrophoresis. Electrophoresis, 2003, 24, 4063-4077.	1.3	51

#	Article	IF	Citations
19	Development and validation of a capillary electrophoresis method for the simultaneous determination of impurities of escitalopram including the R-enantiomer. Journal of Pharmaceutical and Biomedical Analysis, 2008, 46, 959-965.	1.4	51
20	Mathematical Approach by a Selectivity Model for Rationalization of pH- and Selector Concentration-Dependent Reversal of the Enantiomer Migration Order in Capillary Electrophoresis. Analytical Chemistry, 2009, 81, 8765-8773.	3.2	51
21	Advances of capillary electrophoresis enantioseparations in pharmaceutical analysis (2017â€“2020). Electrophoresis, 2021, 42, 1709-1725.	1.3	51
22	Synthesis and Anticonvulsant Activity of Acetylenic Quinazolinone Derivatives. Archiv Der Pharmazie, 2000, 333, 261-266.	2.1	49
23	Separation of dipeptide and tripeptide enantiomers in capillary electrophoresis using carboxymethyl-Î²-cyclodextrin and succinyl-Î²-cyclodextrin: Influence of the amino acid sequence, nature of the cyclodextrin and pH. Electrophoresis, 2001, 22, 1385-1393.	1.3	49
24	pH-Dependence of complexation constants and complex mobility in capillary electrophoresis separations of dipeptide enantiomers. Electrophoresis, 2001, 22, 3163-3170.	1.3	49
25	Migration order of dipeptide and tripeptide enantiomers in the presence of single isomer and randomly sulfated cyclodextrins as a function of pH. Electrophoresis, 2003, 24, 1069-1076.	1.3	48
26	Separation of enantiomers of norephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: Comparative <scp>CE</scp> and <scp>NMR</scp> studies. Electrophoresis, 2012, 33, 1637-1647.	1.3	46
27	Studies on the chiral recognition of peptide enantiomers by neutral and sulfated Î²-cyclodextrin and heptakis-(2,3-di-O-acetyl)-Î²-cyclodextrin using capillary electrophoresis and nuclear magnetic resonance. Electrophoresis, 2002, 23, 1301-1307.	1.3	45
28	Chiral recognition in separation sciences. Part II: Macrocyclic glycopeptide, donor-acceptor, ion-exchange, ligand-exchange and micellar selectors. TrAC - Trends in Analytical Chemistry, 2019, 119, 115628.	5.8	45
29	Influence of the amino acid sequence and nature of the cyclodextrin on the separation of small peptide enantiomers by capillary electrophoresis using randomly substituted and single isomer sulfated and sulfonated cyclodextrins. Electrophoresis, 2001, 22, 2416-2423.	1.3	44
30	Advances in Capillary Electrophoresis-Based Enzyme Assays. Chromatographia, 2015, 78, 947-970.	0.7	43
31	Separation of enantiomers of ephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: Comparative CE, NMR and high resolution MS studies. Electrophoresis, 2011, 32, 2640-2647.	1.3	42
32	Drugâ€“phospholipid conjugates as potential prodrugs: synthesis, characterization, and degradation by pancreatic phospholipase A2. Chemistry and Physics of Lipids, 2000, 107, 143-157.	1.5	40
33	Synthesis and anticonvulsant activity ofN,N-phthaloyl derivatives of central nervous system inhibitory amino acids. Archiv Der Pharmazie, 2001, 334, 323-331.	2.1	40
34	N-(Benzyloxycarbonyl)glycine Esters and Amides as New Anticonvulsants. Journal of Medicinal Chemistry, 1998, 41, 24-30.	2.9	39
35	Influence of the amino acid sequence and nature of the cyclodextrin on the separation of small peptide enantiomers by capillary electrophoresis using Î±-, Î²-, and Î³-cyclodextrin and the corresponding hydroxypropyl derivatives. Journal of Separation Science, 2001, 24, 777-783.	1.3	37
36	Peptide separations and dissociation constants in nonaqueous capillary electrophoresis: Comparison of methanol and aqueous buffers. Electrophoresis, 2003, 24, 765-773.	1.3	37

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37	BRP-187: A potent inhibitor of leukotriene biosynthesis that acts through impeding the dynamic 5-lipoxygenase/5-lipoxygenase-activating protein (FLAP) complex assembly. Biochemical Pharmacology, 2016, 119, 17-26.	2.0	36
38	Investigation of the complexation between cyclodextrins and medetomidine enantiomers by capillary electrophoresis, NMR spectroscopy and molecular modeling. Journal of Chromatography A, 2018, 1567, 198-210.	1.8	36
39	Comparative Enantioseparation of Ketoprofen with Trimethylated Î±â€, Î²â€, and Î³â€Cyclodextrins in Capillary Electrophoresis and Study of Related Selectorâ€“Selectand Interactions Using Nuclear Magnetic Resonance Spectroscopy. Chirality, 2013, 25, 79-88.	1.3	34
40	Method development and validation for the chiral separation of peptides in the presence of cyclodextrins using capillary electrophoresis and experimental design. Journal of Chromatography A, 2001, 931, 141-152.	1.8	33
41	Resolution of aspartyl dipeptide and tripeptide stereoisomers by capillary electrophoresis. Journal of Separation Science, 1998, 10, 255-258.	1.0	32
42	Determination of aspartame and its degradation and epimerization products by capillary electrophoresis. Journal of Pharmaceutical and Biomedical Analysis, 1998, 16, 1089-1096.	1.4	32
43	Recent developments in peptide stereoisomer separations by capillary electromigration techniques. Electrophoresis, 2009, 30, S222-8.	1.3	32
44	Detection of new amino acid sequences of alamethicins F30 by nonaqueous capillary electrophoresisâ€“mass spectrometry. Journal of Peptide Science, 2006, 12, 279-290.	0.8	31
45	Phenytoin-Lipid Conjugates as Potential Prodrugs of Phenytoin. Archiv Der Pharmazie, 1993, 326, 477-481.	2.1	30
46	Separation of dipeptide and tripeptide enantiomers in capillary electrophoresis by the cationic cyclodextrin derivative 2-hydroxypropyltrimethyl-ammonium-Î²-cyclodextrin and by neutral Î²-cyclodextrin derivatives at alkaline pH. Journal of Separation Science, 2002, 25, 1147-1154.	1.3	30
47	Comparison of Cyclodextrin-Dipeptide Inclusion Complexes in the Absence and Presence of Urea by Means of Capillary Electrophoresis, Nuclear Magnetic Resonance and Molecular Modeling. European Journal of Organic Chemistry, 2007, 2007, 2921-2930.	1.2	30
48	High performance liquid chromatographic separation of dipeptide and tripeptide enantiomers using a chiral crown ether stationary phase. Journal of Separation Science, 2005, 28, 2275-2281.	1.3	29
49	Analysis of aspartyl peptide degradation products by high-performance liquid chromatography and high-performance liquid chromatography-mass spectrometry. Journal of Chromatography A, 2004, 1022, 95-102.	1.8	28
50	Recent advances in peptide and peptidomimetic stereoisomer separations by capillary electromigration techniques. Electrophoresis, 2006, 27, 222-230.	1.3	28
51	Capillary electrophoresis-based sirtuin assay using non-peptide substrates. Journal of Pharmaceutical and Biomedical Analysis, 2011, 54, 772-778.	1.4	28
52	Identification of degradation products of aspartyl tripeptides by capillary electrophoresis-tandem mass spectrometry. Electrophoresis, 2003, 24, 874-882.	1.3	26
53	Stereoselective plasma protein binding of amlodipine. Chirality, 2010, 22, 262-266.	1.3	25
54	Development of a capillary electrophoresis method for the determination of the chiral purity of dextromethorphan by a dual selector system using quality by design methodology. Journal of Separation Science, 2018, 41, 1405-1413.	1.3	25

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55	Development and validation of a robust capillary electrophoresis method for impurity profiling of etomidate including the determination of chiral purity using a dual cyclodextrin system. Electrophoresis, 2006, 27, 4334-4344.	1.3	24
56	Differentiation of Enantiomers by Capillary Electrophoresis. Topics in Current Chemistry, 2013, 340, 209-275.	4.0	24
57	Impurity profiling of dexamphetamine sulfate by cyclodextrinâ€modified microemulsion electrokinetic chromatography. Electrophoresis, 2010, 31, 3006-3011.	1.3	22
58	A quality by design-based approach to a capillary electrokinetic assay for the determination of dextromepromazine and levomepromazine sulfoxide as impurities of levomepromazine. Journal of Pharmaceutical and Biomedical Analysis, 2017, 146, 402-409.	1.4	22
59	Capillary electrophoresis method for the determination of (R)-dapoxetine, (3S)-3-(dimethylamino)-3-phenyl-1-propanol, (S)-3-amino-3-phenyl-1-propanol and 1-naphthol as impurities of dapoxetine hydrochloride. Journal of Pharmaceutical and Biomedical Analysis, 2019, 162, 257-263.	1.4	22
60	Influence of buffer substances and urea on the Î²-cyclodextrin-mediated chiral separation of dipeptides in CE. Electrophoresis, 2007, 28, 2619-2628.	1.3	21
61	9-Fluorenylmethoxycarbonyl-labeled peptides as substrates in a capillary electrophoresis-based assay for sirtuin enzymes. Analytical Biochemistry, 2009, 387, 243-248.	1.1	21
62	Development of a capillary electrophoresisâ€based assay of sirtuin enzymes. Electrophoresis, 2008, 29, 3717-3723.	1.3	20
63	Electrophoretically mediated microanalysis assay for sirtuin enzymes. Electrophoresis, 2010, 31, 3874-3880.	1.3	20
64	Quality by Design-Guided Development of a Capillary Electrophoresis Method for the Chiral Purity Determination of Ambrisentan. Chromatographia, 2016, 79, 1343-1350.	0.7	20
65	Raman spectroscopy and capillary zone electrophoresis for the analysis of degradation processes in commercial effervescent tablets containing acetylsalicylic acid and ascorbic acid. Journal of Pharmaceutical and Biomedical Analysis, 2017, 134, 122-129.	1.4	19
66	Simultaneous determination of dextromepromazine and related substances 2-methoxyphenothiazine and levomepromazine sulfoxide in levomepromazine on a cellulose tris(4-methylbenzoate) chiral column. Journal of Pharmaceutical and Biomedical Analysis, 2018, 158, 294-299.	1.4	19
67	Metabolism of Catecholamine Esters by Cultured Bovine Brain Microvessel Endothelial Cells. Journal of Neurochemistry, 1989, 53, 610-615.	2.1	18
68	Effect of Flavonol Derivatives on the Carrageenin-Induced Paw Edema in the Rat and Inhibition of Cyclooxygenase-1 and 5-Lipoxygenasein Vitro. Archiv Der Pharmazie, 2000, 333, 205-210.	2.1	18
69	Development and validation of a robust capillary electrophoresis method for impurity profiling of calcium levofolinate including the (6R,2'S)-diastereomer using statistical experimental design. Electrophoresis, 2004, 25, 766-777.	1.3	18
70	Retention Behavior of Neutral and Positively and Negatively Charged Solutes on an Immobilizedâ€Artificialâ€Membrane (IAM) Stationary Phase. Helvetica Chimica Acta, 2008, 91, 1505-1512.	1.0	18
71	Capillary Electrophoresis Method for the Chiral Purity Determination of Pregabalin Derivatized with Dansyl Chloride. Chromatographia, 2018, 81, 719-725.	0.7	18
72	Quality by designâ€assisted development of a capillary electrophoresis method for the chiral purity determination of dexmedetomidine. Electrophoresis, 2018, 39, 2575-2580.	1.3	18

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73	Determination of related substances of levodopa including the Râ€enantiomer by CE. Electrophoresis, 2009, 30, 3891-3896.	1.3	17
74	Profiling of levoamphetamine and related substances in dexamphetamine sulfate by capillary electrophoresis. Journal of Pharmaceutical and Biomedical Analysis, 2009, 50, 1050-1053.	1.4	17
75	Hidden Flexibility of Strychnine. European Journal of Organic Chemistry, 2014, 2014, 1147-1150.	1.2	17
76	Separation of Peptides by Capillary Electrophoresis. , 2008, 384, 483-506.		17
77	Development and validation of a capillary electrophoresis assay for the determination of 3,4-diaminopyridine and 4-aminopyridine including related substances. Journal of Chromatography A, 2001, 907, 321-328.	1.8	16
78	Analysis of the lipophilic peptaibol alamethicin by nonaqueous capillary electrophoresis-electrospray ionization-mass spectrometry. Electrophoresis, 2005, 26, 4368-4378.	1.3	16
79	CEâ€MS characterization of negatively charged Î±â€, Î²â€•and Î³â€CD derivatives and their application to the separation of dipeptide and tripeptide enantiomers by CE. Electrophoresis, 2010, 31, 1498-1505.	1.3	16
80	Kinetics of Aspartic Acid Isomerization and Enantiomerization in Model Aspartyl Tripeptides under Forced Conditions. Journal of Pharmaceutical Sciences, 2010, 99, 4162-4173.	1.6	16
81	Development and validation of a capillary electrophoresis assay for the determination of the stereoisomeric purity of chloroquine enantiomers. Electrophoresis, 2011, 32, 2669-2672.	1.3	16
82	Bioavailability of Phenytoin Following Oral Administration of Phenytoin-lipid Conjugates to Rats. Journal of Pharmacy and Pharmacology, 2011, 47, 945-948.	1.2	16
83	Cyclodextrinâ€mediated enantioseparation of phenylalanine amide derivatives and amino alcohols by capillary electrophoresisâ€"Role of complexation constants and complex mobilities. Electrophoresis, 2014, 35, 2848-2854.	1.3	16
84	Determination of enkephalin peptides by nonaqueous capillary electrophoresis with electrochemical detection. Electrophoresis, 2006, 27, 1199-1208.	1.3	15
85	Investigation of the pHâ€dependent complex formation between Î²â€cyclodextrin and dipeptide enantiomers by capillary electrophoresis and calorimetry. Journal of Separation Science, 2010, 33, 2499-2505.	1.3	15
86	Recognition Mechanisms of Chiral Selectors: An Overview. Methods in Molecular Biology, 2019, 1985, 1-33.	0.4	15
87	Quality by Design-Based Development of a Chiral Capillary Electrophoresis Method for the Determination of Dextrodropropizine and 1-Phenylpiperazine as Impurities of Levodropropizine. Chromatographia, 2020, 83, 123-129.	0.7	15
88	Capillary electrophoresis analysis of hydrolysis, isomerization and enantiomerization of aspartyl model tripeptides in acidic and alkaline solution. Journal of Pharmaceutical and Biomedical Analysis, 2007, 43, 49-56.	1.4	14
89	Anticonvulsant Activity of Phenytoin-lipid Conjugates, a New Class of Phenytoin Prodrugs. Journal of Pharmacy and Pharmacology, 2011, 47, 197-203.	1.2	14
90	Chemometrics-guided development of a cyclodextrin-modified micellar electrokinetic chromatography method with head-column field amplified sample stacking for the analysis of 5-lipoxygenase metabolites. Journal of Chromatography A, 2012, 1267, 217-223.	1.8	14

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91	Liquid chromatographic method for the simultaneous determination of achiral and chiral impurities of dapoxetine in approved and counterfeit products. Journal of Chromatography A, 2020, 1626, 461388.	1.8	14
92	Chiral separation of four phenothiazines by nonaqueous capillary electrophoresis and quality by design-based method development for quantification of dextromepromazine as chiral impurity of levomepromazine. Journal of Chromatography A, 2020, 1624, 461232.	1.8	14
93	Synthesis andin Vitro Degradation of Testosterone-Lipid Conjugates. Archiv Der Pharmazie, 1995, 328, 271-276.	2.1	13
94	Effect of kolanut on the pharmacokinetics of the antimalarial drug halofantrine. European Journal of Clinical Pharmacology, 2008, 64, 77-81.	0.8	13
95	Enantioseparation of alanyl-phenylalanine analogs by capillary electrophoresis using negatively charged cyclodextrins as chiral selectors. Journal of Chromatography A, 2020, 1632, 461585.	1.8	13
96	Enantioseparation of analogs of the dipeptide alanyl-phenylalanine by capillary electrophoresis using neutral cyclodextrins as chiral selectors. Journal of Chromatography A, 2020, 1623, 461158.	1.8	13
97	Effects of amino acid-derived chiral ionic liquids on cyclodextrin-mediated capillary electrophoresis enantioseparations of dipeptides. Journal of Chromatography A, 2021, 1652, 462342.	1.8	13
98	An integrated onâ€chip sirtuin assay. Electrophoresis, 2010, 31, 3263-3267.	1.3	12
99	A weak cationâ€exchange monolith as stationary phase for the separation of peptide diastereomers by CEC. Journal of Separation Science, 2011, 34, 64-69.	1.3	12
100	Liquid chromatography-coupled mass spectrometry analysis of glutathione conjugates of oxygenated polyunsaturated fatty acids. Prostaglandins and Other Lipid Mediators, 2019, 144, 106350.	1.0	12
101	Enantioselective resolution of biologically active dipeptide analogs by high-performance liquid chromatography applying Cinchona alkaloid-based ion-exchanger chiral stationary phases. Journal of Chromatography A, 2020, 1611, 460574.	1.8	12
102	Unusual complexation behavior between daclatasvir and Î³-Cyclodextrin. A multiplatform study. Journal of Chromatography A, 2020, 1628, 461448.	1.8	12
103	Capillary electrophoresis analysis of the degradation of the aspartyl tripeptide Phe-Asp-GlyOH at pH 2.0 and 7.4 under forced conditions. Journal of Pharmaceutical and Biomedical Analysis, 2010, 51, 640-648.	1.4	11
104	Chiral electromigration techniques in pharmaceutical and biomedical analysis. Bioanalytical Reviews, 2011, 3, 95-114.	0.1	11
105	A new nonpeptide substrate of human sirtuin in a capillary electrophoresisâ€based assay. Investigation of the binding mode by docking experiments. Electrophoresis, 2012, 33, 1652-1659.	1.3	11
106	Stereospecific electrophoretically mediated microanalysis assay for methionine sulfoxide reductase enzymes. Analytical and Bioanalytical Chemistry, 2014, 406, 1723-1729.	1.9	11
107	Experimental design-guided development of a stereospecific capillary electrophoresis assay for methionine sulfoxide reductase enzymes using a diastereomeric pentapeptide substrate. Journal of Chromatography A, 2014, 1359, 224-229.	1.8	11
108	Complexation of daclatasvir by single isomer methylated Î²-cyclodextrins studied by capillary electrophoresis, NMR spectroscopy and mass spectrometry. Carbohydrate Polymers, 2021, 273, 118486.	5.1	11

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109	Development and validation of a stereoselective HPLC method for the determination of thein vitro transport of nateglinide enantiomers in rat intestine. Journal of Separation Science, 2007, 30, 1875-1880.	1.3	10
110	Separation of peptide diastereomers using CEC and a hydrophobic monolithic column. Journal of Separation Science, 2010, 33, 1085-1089.	1.3	10
111	Capillary electrophoresis separation of peptide diastereomers that contain methionine sulfoxide by dual cyclodextrinâ€crown ether systemsâ€. Journal of Separation Science, 2014, 37, 3548-3554.	1.3	10
112	Synthesis andin vitro Evaluation of 4-(2-Glyceryl)butyric Acid: A Glyceride Mimic for Drug Deliveryvia Drug-Lipid Conjugates. Synthese undin vitro Charakterisierung der 4-(2-Glyceryl)buttersÃure: Ein Glyceridanalogon fÃ¼r â€œDrug Deliveryâ€•mittels Arzneistoff-Lipid Konjugaten. Archiv Der Pharmazie, 1994, 327, 347-348.	2.1	9
113	Degradation Kinetics of an Aspartyl-Tripeptide-Derived Diketopiperazine under Forced Conditions. Journal of Pharmaceutical Sciences, 2012, 101, 4178-4190.	1.6	9
114	Quality by designâ€assisted development of a capillary electrophoresis method for the enantiomeric purity determination of tenofovir. Electrophoresis, 2022, 43, 964-969.	1.3	9
115	Effect of urea on analyte complexation by 2,6â€dimethylâ€Î²â€CD in peptide enantioseparations by CE. Electrophoresis, 2009, 30, 3764-3771.	1.3	8
116	CE assay for simultaneous determination of charged and neutral impurities in dexamphetamine sulfate using a dual CD system. Electrophoresis, 2010, 31, 1475-1481.	1.3	8
117	Stereospecific micellar electrokinetic chromatography assay of methionine sulfoxide reductase activity employing a multiple layer coated capillary. Electrophoresis, 2013, 34, 2712-2717.	1.3	8
118	Nonaqueousversus aqueous capillary electrophoresis of Î±-helical polypeptides: Effect of secondary structure on separation selectivity. Electrophoresis, 2006, 27, 1768-1775.	1.3	7
119	Capillary electrophoretic study of the degradation pathways and kinetics of the aspartyl model tetrapeptide Gly-Phe-Asp-GlyOH in alkaline solution. Journal of Pharmaceutical and Biomedical Analysis, 2013, 76, 96-103.	1.4	7
120	Cyclodextrinâ€mediated capillary electrophoresis enantioseparation of dansylated Î²â€amino acids with bicyclo[2.2.2]octane, bicyclo[3.1.1]heptane and cyclopenta[d][1,2]oxazole core structures. Electrophoresis, 2019, 40, 1931-1940.	1.3	7
121	Combined Cardioprotective and Adipocyte Browning Effects Promoted by the Eutomer of Dual sEH/PPARÎ³ Modulator. Journal of Medicinal Chemistry, 2021, 64, 2815-2828.	2.9	7
122	Analysis of isomeric glutamyl peptides by capillary electrophoresis. Journal of Chromatography A, 2000, 888, 275-279.	1.8	6
123	Analysis of the antimalarial drug halofantrine and its major metabolite N-desbutylhalofantrine in human plasma by high performance liquid chromatography. Journal of Pharmaceutical and Biomedical Analysis, 2006, 41, 315-319.	1.4	6
124	Separation of Peptides by Capillary Electrophoresis. Methods in Molecular Biology, 2016, 1483, 365-391.	0.4	6
125	3-Hydroxymethylphenytoin Valproic Acid Ester, a New Prodrug Combining Two Anticonvulsant Drugs. Archiv Der Pharmazie, 1996, 329, 554-555.	2.1	5
126	Capillary Electrophoretic Enzyme Assays. Methods in Molecular Biology, 2013, 984, 285-308.	0.4	5

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127	Chiral Recognition in Separation Science: An Overview. Methods in Molecular Biology, 2013, 970, 1-27.	0.4	5
128	Enantioseparations by Capillary Electrophoresis Using Cyclodextrins as Chiral Selectors. Methods in Molecular Biology, 2013, 970, 271-287.	0.4	5
129	Characterization of hydrothermally isolated xylan from beech wood by capillary electrophoresis with laser-induced fluorescence and mass spectrometry detection. Cellulose, 2014, 21, 3993-4007.	2.4	5
130	Enantiomer Separations by Capillary Electrophoresis. Methods in Molecular Biology, 2016, 1483, 277-299.	0.4	5
131	Structural characterization of methyl-Î²-cyclodextrins by high-performance liquid chromatography and nuclear magnetic resonance spectroscopy and effect of their isomeric composition on the capillary electrophoresis enantioseparation of daclatasvir. Journal of Chromatography A, 2022, 1661, 462675.	1.8	5
132	Enantioseparation of chiral (benzylsulfinyl)benzamide sulfoxides by capillary electrophoresis using cyclodextrins as chiral selectors. Journal of Chromatography A, 2022, 1672, 463027.	1.8	5
133	Stereoselective binding of chiral anti-diabetic drug nateglinide to plasma proteins. Drug Metabolism and Drug Interactions, 2011, 26, 81-86.	0.3	4
134	Separation of 5-Lipoxygenase Metabolites Using Cyclodextrin-Modified Microemulsion Electrokinetic Chromatography and Head Column Field-Amplified Sample Stacking. Chromatographia, 2013, 76, 1187-1192.	0.7	4
135	SPE of 5-lipoxygenase metabolites and the effect of head-column field-amplified sample stacking in MEKC. Journal of Separation Science, 2013, 36, 3592-3598.	1.3	4
136	Stereospecific capillary electrophoresis assays using pentapeptide substrates for the study of Aspergillus nidulans methionine sulfoxide reductase A and mutant enzymes. Electrophoresis, 2016, 37, 2083-2090.	1.3	4
137	CE-MS Identification of Amino Acid Sequence Inversion as a New Degradation Pathway of an Aspartyl Model Tripeptide. Chromatographia, 2012, 75, 1205-1210.	0.7	3
138	Evidence of stereoselective and segmental-dependant transport of chiral antidiabetic drug nateglinide along the rat small intestine: possible role of efflux transporters. Medicinal Chemistry Research, 2013, 22, 2403-2410.	1.1	3
139	Isomerization and epimerization of the aspartyl tetrapeptide <scp>A</scp>laâ€<scp>P</scp>heâ€<scp>A</scp>spâ€<scp>G</scp>ly<scp>OH</scp> at p<scp>H</scp> 10â€”A <scp>CE</scp> study. Electrophoresis, 2013, 34, 2666-2673.	3.3	3
140	Happy 50th Birthday, CHROMATOGRAPHIA!. Chromatographia, 2018, 81, 1-2.	0.7	3
141	Cyclodextrins as Chiral Selectors in Capillary Electrophoresis Enantioseparations. Methods in Molecular Biology, 2019, 1985, 339-356.	0.4	3
142	HPLC-MS identification of acid degradation products of dolutegravir. Journal of Pharmaceutical and Biomedical Analysis, 2021, 197, 113954.	1.4	3
143	Development and validation of a capillary electrophoresis method for the characterization of sulfoethyl cellulose. Journal of Separation Science, 2016, 39, 4645-4652.	1.3	2
144	Capillary Electrophoresis-Based Enzyme Assay for Nicotinamide N-Methyltransferase. Chromatographia, 2018, 81, 1439-1444.	0.7	2

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145	Capillary electrophoresisâ€based enzyme assays for Î²â€lactamase enzymes. Electrophoresis, 2019, 40, 2375-2381.	1.3	2
146	12-Oxo-10-glutathionyl-5,8,14-eicosatrienoic acid (TOG10), a novel glutathione-containing eicosanoid generated via the 12-lipoxygenase pathway in human platelets. Prostaglandins and Other Lipid Mediators, 2021, 152, 106480.	1.0	2
147	Bioanalytical Method Validation for Macromolecules. , 0, , 611-632.		1
148	Effect of Flavonol Derivatives on the Carrageenin-Induced Paw Edema in the Rat and Inhibition of Cyclooxygenase-1 and 5-Lipoxygenase in Vitro. , 2000, 333, 205.		1
149	Capillary Electrophoresisâ€"Pharmaceutical Applications. , 2018, , 387-387.		0
150	Chiral electromigration techniques in pharmaceutical and biomedical analysis. , 2013, , 225-244.		0