

Gerhard K E Scriba

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

151
papers

3,579
citations

34
h-index

51
g-index

160
ext. papers

3,904
ext. citations

3.7
avg, IF

6.34
L-index

#	Paper	IF	Citations
151	Enantioseparation of chiral (benzylsulfinyl)benzamide sulfoxides by capillary electrophoresis using cyclodextrins as chiral selectors.. <i>Journal of Chromatography A</i> , 2022 , 1672, 463027	4.5	0
150	Structural characterization of methyl- β -cyclodextrins by high-performance liquid chromatography and nuclear magnetic resonance spectroscopy and effect of their isomeric composition on the capillary electrophoresis enantioseparation of daclatasvir. <i>Journal of Chromatography A</i> , 2021 , 1661, 462675	4.5	0
149	HPLC-MS identification of acid degradation products of dolutegravir. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 197, 113954	3.5	0
148	12-Oxo-10-glutathionyl-5,8,14-eicosatrienoic acid (TOG), a novel glutathione-containing eicosanoid generated via the 12-lipoxygenase pathway in human platelets. <i>Prostaglandins and Other Lipid Mediators</i> , 2021 , 152, 106480	3.7	1
147	Advances of capillary electrophoresis enantioseparations in pharmaceutical analysis (2017-2020). <i>Electrophoresis</i> , 2021 , 42, 1709-1725	3.6	15
146	Combined Cardioprotective and Adipocyte Browning Effects Promoted by the Eutomer of Dual SEH/PPAR γ Modulator. <i>Journal of Medicinal Chemistry</i> , 2021 , 64, 2815-2828	8.3	4
145	Effects of amino acid-derived chiral ionic liquids on cyclodextrin-mediated capillary electrophoresis enantioseparations of dipeptides. <i>Journal of Chromatography A</i> , 2021 , 1652, 462342	4.5	1
144	Complexation of daclatasvir by single isomer methylated β -cyclodextrins studied by capillary electrophoresis, NMR spectroscopy and mass spectrometry. <i>Carbohydrate Polymers</i> , 2021 , 273, 118486	10.3	5
143	Enantioseparation of analogs of the dipeptide alanyl-phenylalanine by capillary electrophoresis using neutral cyclodextrins as chiral selectors. <i>Journal of Chromatography A</i> , 2020 , 1623, 461158	4.5	7
142	Liquid chromatographic method for the simultaneous determination of achiral and chiral impurities of dapoxetine in approved and counterfeit products. <i>Journal of Chromatography A</i> , 2020 , 1626, 461388	4.5	7
141	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. <i>Journal of Chromatography A</i> , 2020 , 1624, 461232	4.5	4
140	Quality by Design-Based Development of a Chiral Capillary Electrophoresis Method for the Determination of Dextropropizine and 1-Phenylpiperazine as Impurities of Levodropropizine. <i>Chromatographia</i> , 2020 , 83, 123-129	2.1	9
139	Unusual complexation behavior between daclatasvir and β -Cyclodextrin. A multiplatform study. <i>Journal of Chromatography A</i> , 2020 , 1628, 461448	4.5	6
138	Enantioseparation of alanyl-phenylalanine analogs by capillary electrophoresis using negatively charged cyclodextrins as chiral selectors. <i>Journal of Chromatography A</i> , 2020 , 1632, 461585	4.5	6
137	Enantioselective resolution of biologically active dipeptide analogs by high-performance liquid chromatography applying Cinchona alkaloid-based ion-exchanger chiral stationary phases. <i>Journal of Chromatography A</i> , 2020 , 1611, 460574	4.5	7
136	Chiral recognition in separation sciences. Part I: Polysaccharide and cyclodextrin selectors. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 120, 115639	14.6	65
135	Cyclodextrin-mediated capillary electrophoresis enantioseparation of dansylated β -amino acids with bicyclo[2.2.2]octane, bicyclo[3.1.1]heptane and cyclopenta[d][1,2]oxazole core structures. <i>Electrophoresis</i> , 2019 , 40, 1931-1940	3.6	7

134	Capillary electrophoresis-based enzyme assays for lactamase enzymes. <i>Electrophoresis</i> , 2019 , 40, 2375-2381	2	3.8
133	Cyclodextrins as Chiral Selectors in Capillary Electrophoresis Enantioseparations. <i>Methods in Molecular Biology</i> , 2019 , 1985, 339-356	1	1.4
132	Recognition Mechanisms of Chiral Selectors: An Overview. <i>Methods in Molecular Biology</i> , 2019 , 1985, 1-33	7	1.4
131	Liquid chromatography-coupled mass spectrometry analysis of glutathione conjugates of oxygenated polyunsaturated fatty acids. <i>Prostaglandins and Other Lipid Mediators</i> , 2019 , 144, 106350	7	3.7
130	Chiral recognition in separation sciences. Part II: Macrocyclic glycopeptide, donor-acceptor, ion-exchange, ligand-exchange and micellar selectors. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 119, 115628	33	14.6
129	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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 162, 257-263	16	3.5
128	Capillary Electrophoresis Method for the Chiral Purity Determination of Pregabalin Derivatized with Dansyl Chloride. <i>Chromatographia</i> , 2018 , 81, 719-725	10	2.1
127	Quality by design-assisted development of a capillary electrophoresis method for the chiral purity determination of dexmedetomidine. <i>Electrophoresis</i> , 2018 , 39, 2575-2580	13	3.6
126	Analysis of small molecule drugs, excipients and counter ions in pharmaceuticals by capillary electromigration methods - recent developments. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 147, 425-438	43	3.5
125	Investigation of the complexation between cyclodextrins and medetomidine enantiomers by capillary electrophoresis, NMR spectroscopy and molecular modeling. <i>Journal of Chromatography A</i> , 2018 , 1567, 198-210	28	4.5
124	Simultaneous determination of dextromepromazine and related substances 2-methoxyphenothiazine and levomepromazine sulfoxide in levomepromazine on a cellulose tris(4-methylbenzoate) chiral column. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 158, 294-299	12	3.5
123	Happy 50th Birthday, CHROMATOGRAPHIA!. <i>Chromatographia</i> , 2018 , 81, 1	2	2.1
122	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. <i>Journal of Separation Science</i> , 2018 , 41, 1405-1413	17	3.4
121	Electrophoresis Capillary Electrophoresis: Pharmaceutical Applications 2018 , 387-387		
120	Capillary Electrophoresis-Based Enzyme Assay for Nicotinamide N-Methyltransferase. <i>Chromatographia</i> , 2018 , 81, 1439-1444	2	2.1
119	A quality by design-based approach to a capillary electrokinetic assay for the determination of dextromepromazine and levomepromazine sulfoxide as impurities of levomepromazine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 146, 402-409	14	3.5
118	Raman spectroscopy and capillary zone electrophoresis for the analysis of degradation processes in commercial effervescent tablets containing acetylsalicylic acid and ascorbic acid. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 134, 122-129	14	3.5
117	Quality by Design-Guided Development of a Capillary Electrophoresis Method for the Chiral Purity Determination of Ambrisentan. <i>Chromatographia</i> , 2016 , 79, 1343-1350	15	2.1

116	Enantiomer Separations by Capillary Electrophoresis. <i>Methods in Molecular Biology</i> , 2016 , 1483, 277-99	1.4	4
115	Separation of Peptides by Capillary Electrophoresis. <i>Methods in Molecular Biology</i> , 2016 , 1483, 365-91	1.4	4
114	Recent advances in capillary electrophoretic migration techniques for pharmaceutical analysis (2013-2015). <i>Electrophoresis</i> , 2016 , 37, 1591-608	3.6	80
113	Stereospecific capillary electrophoresis assays using pentapeptide substrates for the study of <i>Aspergillus nidulans</i> methionine sulfoxide reductase A and mutant enzymes. <i>Electrophoresis</i> , 2016 , 37, 2083-90	3.6	3
112	Chiral recognition in separation science - an update. <i>Journal of Chromatography A</i> , 2016 , 1467, 56-78	4.5	204
111	BRP-187: A potent inhibitor of leukotriene biosynthesis that acts through impeding the dynamic 5-lipoxygenase/5-lipoxygenase-activating protein (FLAP) complex assembly. <i>Biochemical Pharmacology</i> , 2016 , 119, 17-26	6	26
110	Development and validation of a capillary electrophoresis method for the characterization of sulfoethyl cellulose. <i>Journal of Separation Science</i> , 2016 , 39, 4645-4652	3.4	1
109	Advances in the Use of Cyclodextrins as Chiral Selectors in Capillary Electrokinetic Chromatography: Fundamentals and Applications. <i>Chromatographia</i> , 2016 , 79, 1403-1435	2.1	85
108	Advances in Capillary Electrophoresis-Based Enzyme Assays. <i>Chromatographia</i> , 2015 , 78, 947-970	2.1	38
107	Stereospecific electrophoretically mediated microanalysis assay for methionine sulfoxide reductase enzymes. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 1723-9	4.4	11
106	Hidden Flexibility of Strychnine. <i>European Journal of Organic Chemistry</i> , 2014 , 2014, 1147-1150	3.2	14
105	Experimental design-guided development of a stereospecific capillary electrophoresis assay for methionine sulfoxide reductase enzymes using a diastereomeric pentapeptide substrate. <i>Journal of Chromatography A</i> , 2014 , 1359, 224-9	4.5	11
104	Characterization of hydrothermally isolated xylan from beech wood by capillary electrophoresis with laser-induced fluorescence and mass spectrometry detection. <i>Cellulose</i> , 2014 , 21, 3993-4007	5.5	5
103	Recent advances in capillary electrophoretic migration techniques for pharmaceutical analysis. <i>Electrophoresis</i> , 2014 , 35, 170-89	3.6	62
102	Capillary electrophoresis separation of peptide diastereomers that contain methionine sulfoxide by dual cyclodextrin-crown ether systems. <i>Journal of Separation Science</i> , 2014 , 37, 3548-54	3.4	8
101	Cyclodextrin-mediated enantioseparation of phenylalanine amide derivatives and amino alcohols by capillary electrophoresis-role of complexation constants and complex mobilities. <i>Electrophoresis</i> , 2014 , 35, 2848-54	3.6	13
100	Separation of Peptide Diastereomers 2014 , 1-24		
99	Evidence of stereoselective and segmental-dependant transport of chiral antidiabetic drug nateglinide along the rat small intestine: possible role of efflux transporters. <i>Medicinal Chemistry Research</i> , 2013 , 22, 2403-2410	2.2	3

98	Capillary electrophoretic study of the degradation pathways and kinetics of the aspartyl model tetrapeptide Gly-Phe-Asp-GlyOH in alkaline solution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 76, 96-103	3.5	6
97	Stereospecific micellar electrokinetic chromatography assay of methionine sulfoxide reductase activity employing a multiple layer coated capillary. <i>Electrophoresis</i> , 2013 , 34, 2712-7	3.6	8
96	Comparative enantioseparation of ketoprofen with trimethylated β and γ -cyclodextrins in capillary electrophoresis and study of related selector-selectand interactions using nuclear magnetic resonance spectroscopy. <i>Chirality</i> , 2013 , 25, 79-88	2.1	28
95	Recent advances in electrodriven enantioseparations. <i>Journal of Separation Science</i> , 2013 , 36, 52-74	3.4	105
94	Capillary electrophoretic enzyme assays. <i>Methods in Molecular Biology</i> , 2013 , 984, 285-308	1.4	5
93	Isomerization and epimerization of the aspartyl tetrapeptide Ala-Phe-Asp-GlyOH at pH 10-A CE study. <i>Electrophoresis</i> , 2013 , 34, 2666-73	3.6	3
92	Chiral recognition in separation science: an overview. <i>Methods in Molecular Biology</i> , 2013 , 970, 1-27	1.4	3
91	Enantioseparations by capillary electrophoresis using cyclodextrins as chiral selectors. <i>Methods in Molecular Biology</i> , 2013 , 970, 271-87	1.4	5
90	Differentiation of enantiomers by capillary electrophoresis. <i>Topics in Current Chemistry</i> , 2013 , 340, 209-75		22
89	Separation of 5-Lipoxygenase Metabolites Using Cyclodextrin-Modified Microemulsion Electrokinetic Chromatography and Head Column Field-Amplified Sample Stacking. <i>Chromatographia</i> , 2013 , 76, 1187-1192	2.1	4
88	SPE of 5-lipoxygenase metabolites and the effect of head-column field-amplified sample stacking in MEKC. <i>Journal of Separation Science</i> , 2013 , 36, 3592-8	3.4	3
87	Chiral electromigration techniques in pharmaceutical and biomedical analysis 2013 , 225-244		
86	Chiral Recognition Mechanisms in Analytical Separation Sciences. <i>Chromatographia</i> , 2012 , 75, 815-838	2.1	140
85	CE-MS Identification of Amino Acid Sequence Inversion as a New Degradation Pathway of an Aspartyl Model Tripeptide. <i>Chromatographia</i> , 2012 , 75, 1205-1210	2.1	3
84	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. <i>Journal of Chromatography A</i> , 2012 , 1267, 217-23	4.5	14
83	Degradation kinetics of an aspartyl-tripeptide-derived diketopiperazine under forced conditions. <i>Journal of Pharmaceutical Sciences</i> , 2012 , 101, 4178-90	3.9	9
82	A new nonpeptide substrate of human sirtuin in a capillary electrophoresis-based assay. Investigation of the binding mode by docking experiments. <i>Electrophoresis</i> , 2012 , 33, 1652-9	3.6	11
81	Separation of enantiomers of norephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: comparative CE and NMR studies. <i>Electrophoresis</i> , 2012 , 33, 1637-47	3.6	39

80	Chiral electromigration techniques in pharmaceutical and biomedical analysis. <i>Bioanalytical Reviews</i> , 2011 , 3, 95-114	1	10
79	A weak cation-exchange monolith as stationary phase for the separation of peptide diastereomers by CEC. <i>Journal of Separation Science</i> , 2011 , 34, 64-9	3.4	12
78	Development and validation of a capillary electrophoresis assay for the determination of the stereoisomeric purity of chloroquine enantiomers. <i>Electrophoresis</i> , 2011 , 32, 2669-72	3.6	15
77	Separation of enantiomers of ephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: comparative CE, NMR and high resolution MS studies. <i>Electrophoresis</i> , 2011 , 32, 2640-7	3.6	35
76	Capillary electrophoresis-based sirtuin assay using non-peptide substrates. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 54, 772-8	3.5	23
75	Fundamental aspects of chiral electromigration techniques and application in pharmaceutical and biomedical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011 , 55, 688-701	3.5	82
74	Stereoselective binding of chiral anti-diabetic drug nateglinide to plasma proteins. <i>Drug Metabolism and Drug Interactions</i> , 2011 , 26, 81-6		4
73	Stereoselective plasma protein binding of amlodipine. <i>Chirality</i> , 2010 , 22, 262-6	2.1	23
72	CE-MS characterization of negatively charged alpha-, beta- and gamma-CD derivatives and their application to the separation of dipeptide and tripeptide enantiomers by CE. <i>Electrophoresis</i> , 2010 , 31, 1498-505	3.6	15
71	CE assay for simultaneous determination of charged and neutral impurities in dexamphetamine sulfate using a dual CD system. <i>Electrophoresis</i> , 2010 , 31, 1475-81	3.6	7
70	An integrated on-chip sirtuin assay. <i>Electrophoresis</i> , 2010 , 31, 3263-7	3.6	12
69	Impurity profiling of dexamphetamine sulfate by cyclodextrin-modified microemulsion electrokinetic chromatography. <i>Electrophoresis</i> , 2010 , 31, 3006-11	3.6	21
68	Electrophoretically mediated microanalysis assay for sirtuin enzymes. <i>Electrophoresis</i> , 2010 , 31, 3874-80	3.6	20
67	Separation of peptide diastereomers using CEC and a hydrophobic monolithic column. <i>Journal of Separation Science</i> , 2010 , 33, 1085-9	3.4	9
66	Investigation of the pH-dependent complex formation between beta-cyclodextrin and dipeptide enantiomers by capillary electrophoresis and calorimetry. <i>Journal of Separation Science</i> , 2010 , 33, 2499-505	3.4	13
65	Kinetics of aspartic acid isomerization and enantiomerization in model aspartyl tripeptides under forced conditions. <i>Journal of Pharmaceutical Sciences</i> , 2010 , 99, 4162-73	3.9	16
64	Capillary electrophoresis analysis of the degradation of the aspartyl tripeptide Phe-Asp-GlyOH at pH 2.0 and 7.4 under forced conditions. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 51, 640-8	3.5	11
63	Advances in capillary electrophoretic enzyme assays. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010 , 53, 1076-90	3.5	84

62	Recent developments in peptide stereoisomer separations by capillary electromigration techniques. <i>Electrophoresis</i> , 2009 , 30 Suppl 1, S222-8	3.6	31
61	Determination of related substances of levodopa including the R-enantiomer by CE. <i>Electrophoresis</i> , 2009 , 30, 3891-6	3.6	16
60	Effect of urea on analyte complexation by 2,6-dimethyl-beta-CD in peptide enantioseparations by CE. <i>Electrophoresis</i> , 2009 , 30, 3764-71	3.6	8
59	Profiling of levoamphetamine and related substances in dexamphetamine sulfate by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009 , 50, 1050-3	3.5	16
58	9-Fluorenylmethoxycarbonyl-labeled peptides as substrates in a capillary electrophoresis-based assay for sirtuin enzymes. <i>Analytical Biochemistry</i> , 2009 , 387, 243-8	3.1	21
57	Mathematical approach by a selectivity model for rationalization of pH- and selector concentration-dependent reversal of the enantiomer migration order in capillary electrophoresis. <i>Analytical Chemistry</i> , 2009 , 81, 8765-73	7.8	49
56	Effect of kolanut on the pharmacokinetics of the antimalarial drug halofantrine. <i>European Journal of Clinical Pharmacology</i> , 2008 , 64, 77-81	2.8	9
55	Retention Behavior of Neutral and Positively and Negatively Charged Solutes on an Immobilized-Artificial-Membrane (IAM) Stationary Phase. <i>Helvetica Chimica Acta</i> , 2008 , 91, 1505-1512	2	16
54	Development of a capillary electrophoresis-based assay of sirtuin enzymes. <i>Electrophoresis</i> , 2008 , 29, 3717-23	3.6	20
53	Development and validation of a capillary electrophoresis method for the simultaneous determination of impurities of escitalopram including the R-enantiomer. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 46, 959-65	3.5	43
52	Separation of peptides by capillary electrophoresis. <i>Methods in Molecular Biology</i> , 2008 , 384, 483-506	1.4	14
51	Comparison of Cyclodextrin-Dipeptide Inclusion Complexes in the Absence and Presence of Urea by Means of Capillary Electrophoresis, Nuclear Magnetic Resonance and Molecular Modeling. <i>European Journal of Organic Chemistry</i> , 2007 , 2007, 2921-2930	3.2	29
50	Influence of buffer substances and urea on the beta-cyclodextrin-mediated chiral separation of dipeptides in CE. <i>Electrophoresis</i> , 2007 , 28, 2619-28	3.6	21
49	Development and validation of a stereoselective HPLC method for the determination of the in vitro transport of nateglinide enantiomers in rat intestine. <i>Journal of Separation Science</i> , 2007 , 30, 1875-80	3.4	9
48	Nonaqueous capillary electrophoresis-mass spectrometry. <i>Journal of Chromatography A</i> , 2007 , 1159, 28-41	4.5	64
47	Capillary electrophoresis analysis of hydrolysis, isomerization and enantiomerization of aspartyl model tripeptides in acidic and alkaline solution. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2007 , 43, 49-56	3.5	14
46	Recent advances in peptide and peptidomimetic stereoisomer separations by capillary electromigration techniques. <i>Electrophoresis</i> , 2006 , 27, 222-30	3.6	28
45	Determination of enkephalin peptides by nonaqueous capillary electrophoresis with electrochemical detection. <i>Electrophoresis</i> , 2006 , 27, 1199-208	3.6	14

44	Nonaqueous versus aqueous capillary electrophoresis of alpha-helical polypeptides: effect of secondary structure on separation selectivity. <i>Electrophoresis</i> , 2006 , 27, 1768-75	3.6	7
43	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. <i>Electrophoresis</i> , 2006 , 27, 4334-44	3.6	22
42	Detection of new amino acid sequences of alamethicins F30 by nonaqueous capillary electrophoresis-mass spectrometry. <i>Journal of Peptide Science</i> , 2006 , 12, 279-90	2.1	28
41	Analysis of the antimalarial drug halofantrine and its major metabolite N-desbutylhalofantrine in human plasma by high performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2006 , 41, 315-9	3.5	6
40	Analysis of the lipophilic peptaibol alamethicin by nonaqueous capillary electrophoresis-electrospray ionization-mass spectrometry. <i>Electrophoresis</i> , 2005 , 26, 4368-78	3.6	14
39	High performance liquid chromatographic separation of dipeptide and tripeptide enantiomers using a chiral crown ether stationary phase. <i>Journal of Separation Science</i> , 2005 , 28, 2275-81	3.4	28
38	Development and validation of a robust capillary electrophoresis method for impurity profiling of calcium levofolinate including the (6R,2S)-diastereomer using statistical experimental design. <i>Electrophoresis</i> , 2004 , 25, 766-77	3.6	17
37	Analysis of aspartyl peptide degradation products by high-performance liquid chromatography and high-performance liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2004 , 1022, 95-102	4.5	26
36	Enantiomer separations in capillary electrophoresis in the case of equal binding constants of the enantiomers with a chiral selector: commentary on the feasibility of the concept. <i>Analytical Chemistry</i> , 2004 , 76, 4256-60	7.8	113
35	Pharmaceutical and biomedical applications of chiral capillary electrophoresis and capillary electrochromatography: an update. <i>Electrophoresis</i> , 2003 , 24, 2409-21	3.6	92
34	Recent advances in enantioseparations of peptides by capillary electrophoresis. <i>Electrophoresis</i> , 2003 , 24, 4063-77	3.6	48
33	Peptide separations and dissociation constants in nonaqueous capillary electrophoresis: comparison of methanol and aqueous buffers. <i>Electrophoresis</i> , 2003 , 24, 765-73	3.6	34
32	Identification of degradation products of aspartyl tripeptides by capillary electrophoresis-tandem mass spectrometry. <i>Electrophoresis</i> , 2003 , 24, 874-82	3.6	24
31	Migration order of dipeptide and tripeptide enantiomers in the presence of single isomer and randomly sulfated cyclodextrins as a function of pH. <i>Electrophoresis</i> , 2003 , 24, 1069-76	3.6	43
30	Studies on the chiral recognition of peptide enantiomers by neutral and sulfated beta-cyclodextrin and heptakis-(2,3-di-O-acetyl)-beta-cyclodextrin using capillary electrophoresis and nuclear magnetic resonance. <i>Electrophoresis</i> , 2002 , 23, 1301-7	3.6	34
29	Separation of dipeptide and tripeptide enantiomers in capillary electrophoresis by the cationic cyclodextrin derivative 2-hydroxypropyltrimethyl-ammonium- β -cyclodextrin and by neutral β -cyclodextrin derivatives at alkaline pH. <i>Journal of Separation Science</i> , 2002 , 25, 1147-1154	3.4	26
28	Selected fundamental aspects of chiral electromigration techniques and their application to pharmaceutical and biomedical analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002 , 27, 373-99	3.5	119
27	Separation of dipeptide and tripeptide enantiomers in capillary electrophoresis using carboxymethyl-beta-cyclodextrin and succinyl-beta-cyclodextrin: influence of the amino acid sequence, nature of the cyclodextrin and pH. <i>Electrophoresis</i> , 2001 , 22, 1385-93	3.6	47

26	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. <i>Electrophoresis</i> , 2001 , 22, 2416-23	3.6	42
25	pH-dependence of complexon constants and complex mobility in capillary electrophoresis separations of dipeptide enantiomers. <i>Electrophoresis</i> , 2001 , 22, 3163-70	3.6	47
24	Influence of the amino acid sequence and nature of the cyclodextrin on the separation of small peptide enantiomers by capillary electrophoresis using β and γ -cyclodextrin and the corresponding hydroxypropyl derivatives. <i>Journal of Separation Science</i> , 2001 , 24, 777-783	3.4	37
23	Synthesis and anticonvulsant activity of N,N-phthaloyl derivatives of central nervous system inhibitory amino acids. <i>Archiv Der Pharmazie</i> , 2001 , 334, 323-31	4.3	34
22	Method development and validation for the chiral separation of peptides in the presence of cyclodextrins using capillary electrophoresis and experimental design. <i>Journal of Chromatography A</i> , 2001 , 931, 141-52	4.5	31
21	Development and validation of a capillary electrophoresis assay for the determination of 3,4-diaminopyridine and 4-aminopyridine including related substances. <i>Journal of Chromatography A</i> , 2001 , 907, 321-8	4.5	15
20	Effect of flavonol derivatives on the carrageenin-induced paw edema in the rat and inhibition of cyclooxygenase-1 and 5-lipoxygenase in vitro. <i>Archiv Der Pharmazie</i> , 2000 , 333, 205-10	4.3	13
19	Synthesis and Anticonvulsant Activity of Acetylenic Quinazolinone Derivatives. <i>Archiv Der Pharmazie</i> , 2000 , 333, 261-266	4.3	38
18	Drug-phospholipid conjugates as potential prodrugs: synthesis, characterization, and degradation by pancreatic phospholipase A(2). <i>Chemistry and Physics of Lipids</i> , 2000 , 107, 143-57	3.7	37
17	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. <i>Journal of Chromatography A</i> , 2000 , 894, 267-72	4.5	52
16	Analysis of isomeric glutamyl peptides by capillary electrophoresis. Application to stability studies. <i>Journal of Chromatography A</i> , 2000 , 888, 275-9	4.5	5
15	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
14	pH-Dependent reversal of the chiral recognition of tripeptide enantiomers by carboxymethyl- β -cyclodextrin. <i>Journal of Chromatography A</i> , 1999 , 833, 261-266	4.5	49
13	Electrophoretic stereoisomer separation of aspartyl dipeptides and tripeptides in untreated fused-silica and polyacrylamide-coated capillaries using charged cyclodextrins. <i>Journal of Chromatography A</i> , 1998 , 822, 137-145	4.5	48
12	Resolution of aspartyl dipeptide and tripeptide stereoisomers by capillary electrophoresis. <i>Journal of Separation Science</i> , 1998 , 10, 255-258		28
11	Determination of aspartame and its degradation and epimerization products by capillary electrophoresis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1998 , 16, 1089-96	3.5	28
10	N-(benzyloxycarbonyl)glycine esters and amides as new anticonvulsants. <i>Journal of Medicinal Chemistry</i> , 1998 , 41, 24-30	8.3	35
9	3-Hydroxymethylphenytoin valproic acid ester, a new prodrug combining two anticonvulsant drugs. <i>Archiv Der Pharmazie</i> , 1996 , 329, 554-5	4.3	4

8	Anticonvulsant activity of phenytoin-lipid conjugates, a new class of phenytoin prodrugs. <i>Journal of Pharmacy and Pharmacology</i> , 1995 , 47, 197-203	4.8	13
7	Bioavailability of phenytoin following oral administration of phenytoin-lipid conjugates to rats. <i>Journal of Pharmacy and Pharmacology</i> , 1995 , 47, 945-8	4.8	16
6	Synthesis and in vitro degradation of testosterone-lipid conjugates. <i>Archiv Der Pharmazie</i> , 1995 , 328, 271-6	4.3	12
5	Synthesis and in vitro evaluation of 4-(2-glyceryl)butyric acid: a glyceride mimic for drug delivery via drug-lipid conjugates. <i>Archiv Der Pharmazie</i> , 1994 , 327, 347-8	4.3	8
4	Phenytoin-lipid conjugates as potential prodrugs of phenytoin. <i>Archiv Der Pharmazie</i> , 1993 , 326, 477-81	4.3	27
3	Metabolism of catecholamine esters by cultured bovine brain microvessel endothelial cells. <i>Journal of Neurochemistry</i> , 1989 , 53, 610-5	6	17
2	Bioanalytical Method Validation for Macromolecules		611-632
1	Bioanalytical Method Validation for Macromolecules		1