HervÃ© Cottet

List of Publications by Year
in descending order

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142	3,670	109137	197535
papers	citations	35 h-index	49 g-index

145	145	145	2718
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Separation of three strains of polio virus by capillary zone electrophoresis and study of their interaction with aluminum oxyhydroxide. Journal of Chromatography A, 2022, 1667, 462838.	1.8	2
2	Taylor Dispersion Analysis and Atomic Force Microscopy Provide a Quantitative Insight into the Aggregation Kinetics of AÎ² (1â€“40)/AÎ² (1â€“42) Amyloid Peptide Mixtures. ACS Chemical Neuroscience, 2022, 13, 786-795.	1.7	6
3	Size and Charge Characterization of Lipid Nanoparticles for mRNA Vaccines. Analytical Chemistry, 2022, 94, 4677-4685.	3.2	17
4	Polyelectrolyte Multilayers in Capillary Electrophoresis. ChemPlusChem, 2022, 87, e202200028.	1.3	12
5	Determination of ultrahigh molar mass of polyelectrolytes by Taylor dispersion analysis. Journal of Chromatography A, 2022, 1670, 462949.	1.8	1
6	Screening for pancreatic lipase natural modulators by capillary electrophoresis hyphenated to spectrophotometric and conductometric dual detection. Analyst, The, 2021, 146, 1386-1401.	1.7	8
7	Antigen-Adjuvant Interactions in Vaccines by Taylor Dispersion Analysis: Size Characterization and Binding Parameters. Analytical Chemistry, 2021, 93, 6508-6515.	3.2	6
8	Unraveling the Speciation of Î²-Amyloid Peptides during the Aggregation Process by Taylor Dispersion Analysis. Analytical Chemistry, 2021, 93, 6523-6533.	3.2	19
9	Biodegradation of metal-based ultra-small nanoparticles: A combined approach using TDA-ICP-MS and CE-ICP-MS. Analytica Chimica Acta, 2021, 1185, 339081.	2.6	10
10	Chemoprevention with a tea from hawthorn (Crataegus oxyacantha) leaves and flowers attenuates colitis in rats by reducing inflammation and oxidative stress. Food Chemistry: X, 2021, 12, 100139.	1.8	7
11	Generation and characterization of air microâ€bubbles in highly hydrophobic capillaries. Electrophoresis, 2021, , .	1.3	2
12	Characterization of Diblock Copolymers by Capillary Electrophoresis: From Electrophoretic Mobility Distribution to Distribution of Composition. Macromolecules, 2020, 53, 334-345.	2.2	4
13	Capillary Zone Electrophoresis-Top-Down Tandem Mass Spectrometry for In-Depth Characterization of Hemoglobin Proteoforms in Clinical and Veterinary Samples. Analytical Chemistry, 2020, 92, 10531-10539.	3.2	22
14	Cosolvents in Self-Emulsifying Drug Delivery Systems (SEDDS): Do They Really Solve Our Solubility Problems?. Molecular Pharmaceutics, 2020, 17, 3236-3245.	2.3	23
15	Water-Based Extraction of Bioactive Principles from Blackcurrant Leaves and Chrysanthellum americanum: A Comparative Study. Foods, 2020, 9, 1478.	1.9	14
16	Characterization of ultrahigh molar mass polyelectrolytes by capillary electrophoresis. Journal of Chromatography A, 2020, 1631, 461536.	1.8	3
17	Study of Interactions between Antigens and Polymeric Adjuvants in Vaccines by Frontal Analysis Continuous Capillary Electrophoresis. Biomacromolecules, 2020, 21, 3364-3373.	2.6	8
18	Mass transfer efficiency in rare earth extraction using a hollow fiber pertraction device. Separation and Purification Technology, 2020, 251, 117330.	3.9	4

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19	Quantification of Adsorption and Optimization of Separation of Proteins in Capillary Electrophoresis. Analytical Chemistry, 2020, 92, 10743-10750.	3.2	33
20	Modulation of the electroosmotic mobility using polyelectrolyte multilayer coatings for protein analysis by capillary electrophoresis. Analytica Chimica Acta, 2019, 1057, 152-161.	2.6	31
21	Peptide release from SEDDS containing hydrophobic ion pair therapeutic peptides measured by Taylor dispersion analysis. International Journal of Pharmaceutics, 2019, 559, 228-234.	2.6	26
22	Characterization of hydrosoluble fraction and oligomers in poly(vinylidene chloride) latexes by capillary electrophoresis using electrophoretic mobility modeling. Journal of Chromatography A, 2019, 1598, 223-231.	1.8	0
23	Superhydrophobic capillary coatings: Elaboration, characterization and application to electrophoretic separations. Journal of Chromatography A, 2019, 1603, 361-370.	1.8	13
24	Size-Based Characterization of Polysaccharides by Taylor Dispersion Analysis with Photochemical Oxidation or Backscattering Interferometry Detections. Macromolecules, 2019, 52, 4421-4431.	2.2	9
25	Supramolecular Selfâ€Assembly of DNA with a Cationic Polythiophene: From Polyplexes to Fibers. ChemNanoMat, 2019, 5, 703-709.	1.5	7
26	Optimizing Water-Based Extraction of Bioactive Principles of Hawthorn: From Experimental Laboratory Research to Homemade Preparations. Molecules, 2019, 24, 4420.	1.7	12
27	Size characterization of lipid-based self-emulsifying pharmaceutical excipients during lipolysis using Taylor dispersion analysis with fluorescence detection. International Journal of Pharmaceutics, 2018, 537, 94-101.	2.6	21
28	Capillary electrophoresis for aluminum ion speciation: Optimized separation conditions for complex polycation mixtures. Journal of Chromatography A, 2018, 1552, 79-86.	1.8	1
29	Size-characterization of natural and synthetic polyisoprenes by Taylor dispersion analysis. Polymer Testing, 2018, 66, 244-250.	2.3	4
30	Separation and Characterization of Highly Charged Polyelectrolytes Using Free-Solution Capillary Electrophoresis. Polymers, 2018, 10, 1331.	2.0	3
31	Mobility Shift Affinity Capillary Electrophoresis at High Ligand Concentrations: Application to Aluminum Chlorohydrateâ€“Protein Interactions. ACS Omega, 2018, 3, 17547-17554.	1.6	3
32	Effect of Dendrigraft Generation on the Interaction between Anionic Polyelectrolytes and Dendrigraft Poly(l-Lysine). Polymers, 2018, 10, 45.	2.0	9
33	Analysis and characterization of aluminum chlorohydrate oligocations by capillary electrophoresis. Journal of Chromatography A, 2017, 1492, 144-150.	1.8	8
34	Interactions between Oppositely Charged Polyelectrolytes by Isothermal Titration Calorimetry: Effect of Ionic Strength and Charge Density. Journal of Physical Chemistry B, 2017, 121, 2684-2694.	1.2	33
35	On the ionic strength dependence of the electrophoretic mobility: From 2D to 3D slopeâ€plots. Electrophoresis, 2017, 38, 624-632.	1.3	5
36	Taylor Dispersion Analysis of Polysaccharides Using Backscattering Interferometry. Analytical Chemistry, 2017, 89, 6710-6718.	3.2	17

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37	Limits in Size of Taylor Dispersion Analysis: Representation of the Different Hydrodynamic Regimes and Application to the Size-Characterization of Cubosomes. Analytical Chemistry, 2017, 89, 13487-13493.	3.2	39
38	Determination of the distributions of degrees of acetylation of chitosan. International Journal of Biological Macromolecules, 2017, 95, 40-48.	3.6	23
39	Advanced portrayal of SMIL coating by allying CZE performance with in-capillary topographic and charge-related surface characterization. Analytica Chimica Acta, 2017, 951, 1-15.	2.6	9
40	The Effect of Molar Mass and Charge Density on the Formation of Complexes between Oppositely Charged Polyelectrolytes. Polymers, 2017, 9, 50.	2.0	13
41	Quantifying the Heterogeneity of Chemical Structures in Complex Charged Polymers through the Dispersity of Their Distributions of Electrophoretic Mobilities or of Compositions. Analytical Chemistry, 2016, 88, 1674-1681.	3.2	18
42	Prediction of Polyelectrolyte Complex Stoichiometry for Highly Hydrophilic Polyelectrolytes. Macromolecules, 2016, 49, 3881-3888.	2.2	33
43	Modelling and predicting the interactions between oppositely and variously charged polyelectrolytes by frontal analysis continuous capillary electrophoresis. Soft Matter, 2016, 12, 9728-9737.	1.2	15
44	Hydrodynamic size characterization of a self-emulsifying lipid pharmaceutical excipient by Taylor dispersion analysis with fluorescent detection. International Journal of Pharmaceutics, 2016, 513, 262-269.	2.6	15
45	What is the Contribution of Counterâ€ions to the Absolute Molar Mass of Polyelectrolytes Determined by SECâ€MALLS?. Macromolecular Chemistry and Physics, 2016, 217, 2654-2659.	1.1	5
46	Mapping molecular adhesion sites inside SMIL coated capillaries using atomic force microscopy recognition imaging. Analytica Chimica Acta, 2016, 930, 39-48.	2.6	9
47	A New Robust Estimator of Polydispersity from Dynamic Light Scattering Data. Analytical Chemistry, 2016, 88, 2630-2636.	3.2	17
48	Influence of the ionic strength of acidic background electrolytes on the separation of proteins by capillary electrophoresis. Journal of Chromatography A, 2016, 1432, 145-151.	1.8	14
49	Size-based characterization of nanoparticle mixtures by the inline coupling of capillary electrophoresis to Taylor dispersion analysis. Journal of Chromatography A, 2015, 1426, 220-225.	1.8	25
50	Monitoring Biopolymer Degradation by Taylor Dispersion Analysis. Biomacromolecules, 2015, 16, 3945-3951.	2.6	22
51	Quantitative Analysis in Capillary Electrophoresis: Transformation of Raw Electropherograms into Continuous Distributions. Analytical Chemistry, 2015, 87, 1050-1057.	3.2	39
52	Polyelectrolyte multilayer coatings for the separation of proteins by capillary electrophoresis: Influence of polyelectrolyte nature and multilayer crosslinking. Journal of Chromatography A, 2015, 1399, 80-87.	1.8	45
53	Taking Advantage of Electric Field Induced Bacterial Aggregation for the Study of Interactions between Bacteria and Macromolecules by Capillary Electrophoresis. Analytical Chemistry, 2015, 87, 6761-6768.	3.2	9
54	Size characterization of commercial micelles and microemulsions by Taylor dispersion analysis. International Journal of Pharmaceutics, 2015, 492, 46-54.	2.6	32

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55	Fast Characterization of Polyplexes by Taylor Dispersion Analysis. Macromolecules, 2015, 48, 7216-7221.	2.2	14
56	Measuring Arbitrary Diffusion Coefficient Distributions of Nano-Objects by Taylor Dispersion Analysis. Analytical Chemistry, 2015, 87, 8489-8496.	3.2	40
57	Correlation of Length of Linear Oligo(ethanamino) Amides with Gene Transfer and Cytotoxicity. ChemMedChem, 2014, 9, 2104-2110.	1.6	37
58	Size-based characterisation of nanomaterials by Taylor dispersion analysis. , 2014, , 173-192.		6
59	Generalized polymer effective charge measurement by capillary isotachophoresis. Journal of Chromatography A, 2014, 1370, 255-262.	1.8	11
60	Investigating the Influence of Phosphate Ions on Poly(<scp>l</scp>-lysine) Conformations by Taylor Dispersion Analysis. Macromolecules, 2014, 47, 5320-5327.	2.2	17
61	On the optimization of operating conditions for Taylor dispersion analysis of mixtures. Analyst, The, 2014, 139, 3552-3562.	1.7	44
62	Effect of Dendrimer Generation on the Interactions between Human Serum Albumin and Dendrigraft Polylysines. Langmuir, 2014, 30, 4450-4457.	1.6	16
63	Polydispersity Analysis of Taylor Dispersion Data: The Cumulant Method. Analytical Chemistry, 2014, 86, 6471-6478.	3.2	25
64	Physico-chemical characterization of polymeric micelles loaded with platinum derivatives by capillary electrophoresis and related methods. Journal of Controlled Release, 2014, 196, 139-145.	4.8	21
65	Size and charge characterization of polymeric drug delivery systems by Taylor dispersion analysis and capillary electrophoresis. Analytical and Bioanalytical Chemistry, 2013, 405, 5369-5379.	1.9	32
66	Phosphonated oligoallylamine: Synthesis, characterization in water, and development of layer by layer assembly. Journal of Polymer Science, Part B: Polymer Physics, 2013, 51, 1244-1251.	2.4	15
67	Determination of polymer log D distributions by micellar and microemulsion electrokinetic chromatography. Journal of Chromatography A, 2013, 1318, 244-250.	1.8	1
68	Monitoring surface functionalization of dendrigraft poly-l-lysines via click chemistry by capillary electrophoresis and Taylor dispersion analysis. Journal of Chromatography A, 2013, 1273, 111-116.	1.8	21
69	Study of interactions between oppositely charged dendrigraft poly-l-lysine and human serum albumin by continuous frontal analysis capillary electrophoresis and fluorescence spectroscopy. Journal of Chromatography A, 2013, 1289, 127-132.	1.8	38
70	Effective Charge Determination of Dendrigraft Poly-<scp>l</scp>-lysine by Capillary Isotachophoresis. Macromolecules, 2013, 46, 533-540.	2.2	38
71	Hydrodynamic Behavior of Dendrigraft Polylysines in Water and Dimethylformamide. Polymers, 2012, 4, 20-31.	2.0	24
72	Field enhanced bacterial sample stacking in isotachophoresis using wide-bore capillaries. Journal of Chromatography A, 2012, 1268, 180-184.	1.8	12

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73	Fast Characterization of Polyelectrolyte Complexes by Inline Coupling of Capillary Electrophoresis to Taylor Dispersion Analysis. Analytical Chemistry, 2012, 84, 1740-1743.	3.2	15
74	Extracting Information from the Ionic Strength Dependence of Electrophoretic Mobility by Use of the Slope Plot. Analytical Chemistry, 2012, 84, 9422-9430.	3.2	21
75	Study of Antibacterial Activity by Capillary Electrophoresis Using Multiple UV Detection Points. Analytical Chemistry, 2012, 84, 3302-3310.	3.2	12
76	Determination of effective charge of small ions, polyelectrolytes and nanoparticles by capillary electrophoresis. Journal of Chromatography A, 2012, 1247, 154-164.	1.8	35
77	Characterization of cationic copolymers by capillary electrophoresis using indirect UV detection and contactless conductivity detection. Journal of Chromatography A, 2012, 1219, 188-194.	1.8	11
78	Taylor dispersion analysis with two detection points on a commercial capillary electrophoresis apparatus. Journal of Chromatography A, 2012, 1235, 174-177.	1.8	26
79	Comparison of single and double detection points Taylor Dispersion Analysis for monodisperse and polydisperse samples. Journal of Chromatography A, 2012, 1241, 123-127.	1.8	39
80	Modeling the electrophoresis of highly charged peptides: Application to oligolysines. Journal of Separation Science, 2012, 35, 556-562.	1.3	12
81	Synthesis of double hydrophilic block copolymers and induced assembly with oligochitosan for the preparation of polyion complex micelles. Soft Matter, 2011, 7, 5836.	1.2	27
82	Characterization of Carboxylated Nanolatexes by Capillary Electrophoresis. Langmuir, 2011, 27, 4040-4047.	1.6	33
83	Simultaneous Electrokinetic and Hydrodynamic Injection for High Sensitivity Bacteria Analysis in Capillary Electrophoresis. Analytical Chemistry, 2011, 83, 4949-4954.	3.2	35
84	Focusing and Mobilization of Bacteria in Capillary Electrophoresis. Analytical Chemistry, 2011, 83, 1571-1578.	3.2	39
85	Modeling the electrophoresis of oligolysines. Electrophoresis, 2011, 32, 2788-2796.	1.3	17
86	Stability of capillaries coated with highly charged polyelectrolyte monolayers and multilayers under various analytical conditionsâ€"Application to protein analysis. Journal of Chromatography A, 2011, 1218, 3537-3544.	1.8	37
87	Analysis of glycated hemoglobin A1c by capillary electrophoresis and capillary isoelectric focusing. Analytical Biochemistry, 2011, 413, 8-15.	1.1	56
88	Characterization of Copolymer Latexes by Capillary Electrophoresis. Langmuir, 2010, 26, 1700-1706.	1.6	10
89	Heartâ€cutting 2Dâ€CE with onâ€line preconcentration for the chiral analysis of native amino acids. Electrophoresis, 2010, 31, 1029-1035.	1.3	36
90	An Expeditious Multigramâ€Scale Synthesis of Lysine Dendrigraft (DGL) Polymers by Aqueous Nâ€Carboxyanhydride Polycondensation. Chemistry - A European Journal, 2010, 16, 2309-2316.	1.7	62

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91	Modeling the electrophoresis of oligoglycines. Journal of Separation Science, 2010, 33, 2430-2438.	1.3	9
92	Self-Assembly of Charged Amphiphilic Diblock Copolymers with Insoluble Blocks of Decreasing Hydrophobicity: From Kinetically Frozen Colloids to Macrosurfactants. Langmuir, 2010, 26, 18681-18693.	1.6	42
93	Determination of Individual Diffusion Coefficients in Evolving Binary Mixtures by Taylor Dispersion Analysis: Application to the Monitoring of Polymer Reaction. Analytical Chemistry, 2010, 82, 1793-1802.	3.2	54
94	Neutral Coatings for the Study of Polycation/Multicharged Anion Interactions by Capillary Electrophoresis: Application to Dendrigraft Poly-<scp>l</scp>-lysines with Negatively Multicharged Molecules. Analytical Chemistry, 2010, 82, 7362-7368.	3.2	24
95	Highly Resolutive Separations of Hardly Soluble Synthetic Polypeptides by Capillary Electrophoresis. Analytical Chemistry, 2010, 82, 394-399.	3.2	13
96	Heartâ€cutting 2âĐ CE using multiple detection points for chiral analysis of native amino acids. Electrophoresis, 2009, 30, 2-10.	1.3	32
97	Influence of polyelectrolyte capillary coating conditions on protein analysis in CE. Electrophoresis, 2009, 30, 1888-1898.	1.3	36
98	Use of coated capillaries for the electrophoretic separation of stereoisomers of a growth hormone secretagogue. Electrophoresis, 2009, 30, 3772-3779.	1.3	41
99	On-line sample stacking of peptides in capillary electrophoresis for the study of prebiotic reactions between Î±,Î±-dialkylated amino acids and amino acid N-carboxyanhydrides. Journal of Chromatography A, 2009, 1216, 5748-5754.	1.8	16
100	Determination of Polymer Effective Charge by Indirect UV Detection in Capillary Electrophoresis: Toward the Characterization of Macromolecular Architectures. Macromolecules, 2009, 42, 2767-2774.	2.2	31
101	Size-Based Characterization of an Ionic Polydiacetylene by Taylor Dispersion Analysis and Capillary Electrophoresis. Macromolecules, 2009, 42, 2679-2685.	2.2	15
102	Mechanistic Study of Î±â€Amino Acid Nâ€carboxyanhydride (NCA) Polymerization by Capillary Electrophoresis. Macromolecular Chemistry and Physics, 2008, 209, 1628-1637.	1.1	37
103	Influence of polyelectrolyte coating conditions on capillary coating stability and separation efficiency in capillary electrophoresis. Electrophoresis, 2008, 29, 3013-3023.	1.3	60
104	Nonâ€uniform surface charge distributions in CE: Theoretical and experimental approach based on Taylor dispersion. Electrophoresis, 2008, 29, 4226-4237.	1.3	11
105	Importance of Hydrodynamic Shielding for the Dynamic Behavior of Short Polyelectrolyte Chains. Physical Review Letters, 2008, 100, 096104.	2.9	82
106	Separation of Synthetic (Co)Polymers by Capillary Electrophoresis Techniques. , 2008, 384, 541-567.		11
107	Heart-Cutting Two-Dimensional Capillary Electrophoresis for the On-Line Purification and Separation of Derivatized Amino Acids. Analytical Chemistry, 2008, 80, 1730-1736.	3.2	26
108	Size-Based Characterization by the Coupling of Capillary Electrophoresis to Taylor Dispersion Analysis. Analytical Chemistry, 2008, 80, 1829-1832.	3.2	46

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109	Taylor Dispersion Analysis of Mixtures. Analytical Chemistry, 2007, 79, 9066-9073.	3.2	100
110	Controlling the Melting of Kinetically Frozen Poly(butyl acrylate-b-acrylic acid) Micelles via Addition of Surfactant. Langmuir, 2007, 23, 9939-9948.	1.6	38
111	Determination and Modeling of Peptide pKaby Capillary Zone Electrophoresis. Analytical Chemistry, 2007, 79, 3020-3020.	3.2	2
112	Determination of Dendrigraft Poly-<scp>l</scp>-Lysine Diffusion Coefficients by Taylor Dispersion Analysis. Biomacromolecules, 2007, 8, 3235-3243.	2.6	131
113	Characterization of Amphiphilic Diblock Copolymers Synthesized by MADIX Polymerization Process. Macromolecules, 2007, 40, 2672-2682.	2.2	51
114	Control of the EOF in CE using polyelectrolytes of different charge densities. Electrophoresis, 2007, 28, 925-931.	1.3	45
115	Determination of synthetic polypeptide conformations and molecular geometrical parameters by nonaqueous CE. Electrophoresis, 2007, 28, 3617-3624.	1.3	10
116	Chemical analysis and aqueous solution properties of charged amphiphilic block copolymers PBA-b-PAA synthesized by MADIXÂ®. Journal of Colloid and Interface Science, 2007, 316, 897-911.	5.0	73
117	The Peptide Formation Mediated by Cyanate Revisited.N-Carboxyanhydrides as Accessible Intermediates in the Decomposition ofN-Carbamoylamino Acids. Journal of the American Chemical Society, 2006, 128, 7412-7413.	6.6	56
118	Determination and Modeling of Peptide pKaby Capillary Zone Electrophoresis. Analytical Chemistry, 2006, 78, 5394-5402.	3.2	22
119	Nonaqueous and aqueous capillary electrophoresis of synthetic polymers. Journal of Chromatography A, 2005, 1068, 59-73.	1.8	42
120	Noncovalent coatings for the separation of synthetic polypeptides by nonaqueous capillary electrophoresis. Electrophoresis, 2005, 26, 2187-2197.	1.3	21
121	Separation of living and dead polymers in synthetic polypeptide mixtures by nonaqueous capillary electrophoresis using differences in ionization states. Electrophoresis, 2005, 26, 3300-3306.	1.3	14
122	Charge- and Size-Based Separations of Polyelectrolytes by Heart-Cutting Two-Dimensional Capillary Electrophoresis. Macromolecular Chemistry and Physics, 2005, 206, 628-634.	1.1	29
123	Electrophoretic Behavior of Amphiphilic Diblock Copolymer Micelles. Macromolecules, 2005, 38, 6620-6628.	2.2	17
124	Determination of Homopolypeptide Conformational Changes by the Modeling of Electrophoretic Mobilities. Analytical Chemistry, 2005, 77, 6047-6054.	3.2	22
125	Living Polymerization ofÎ±-Amino AcidN-Carboxyanhydrides(NCA) upon Decreasing the Reaction Temperature. Macromolecular Rapid Communications, 2004, 25, 1221-1224.	2.0	157
126	Nonaqueous Capillary Electrophoresisâ^'Mass Spectrometry of Synthetic Polymers. Analytical Chemistry, 2004, 76, 335-344.	3.2	32

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127	Heart-cutting two-dimensional electrophoresis in a single capillary. Journal of Chromatography A, 2004, 1051, 25-32.	1.8	26
128	Heart-cutting two-dimensional electrophoresis in a single capillary. Journal of Chromatography A, 2004, 1051, 25-32.	1.8	7
129	Molecular Origins of Life: Homochirality as a Consequence of the Dynamic Co-Emergence and Co-Evolution of Peptides and Chemical Energetics. , 2004, , 49-64.		0
130	Nonaqueous Capillary Zone Electrophoresis of Synthetic Organic Polypeptides. Analytical Chemistry, 2003, 75, 5554-5560.	3.2	30
131	Size-based separation of synthetic polyelectrolytes in entangled polymer solution capillary electrophoresis: The effect of binary mixtures of separating polymers differing in molecular mass. Electrophoresis, 2002, 23, 2788-2793.	1.3	13
132	Prebiotic synthesis of sequential peptides on the Hadean beach by a molecular engine working with nitrogen oxides as energy sources. Polymer International, 2002, 51, 661-665.	1.6	66
133	Kinetic study of the polymerization of Î±-amino acid N-carboxyanhydrides in aqueous solution using capillary electrophoresis. Journal of Chromatography A, 2002, 952, 239-248.	1.8	28
134	On the use of the activation energy concept to investigate analyte and network deformations in entangled polymer solution capillary electrophoresis of synthetic polyelectrolytes. Electrophoresis, 2001, 22, 684-691.	1.3	17
135	Non-aqueous capillary electrophoresis using non-dissociating solvents. Journal of Chromatography A, 2001, 915, 241-251.	1.8	39
136	Capillary electrophoresis of associative diblock copolymers. Journal of Chromatography A, 2001, 939, 109-121.	1.8	15
137	From small charged molecules to oligomers: A semiempirical approach to the modeling of actual mobility in free solution. Electrophoresis, 2000, 21, 1493-1504.	1.3	46
138	A semi-empirical approach to the modeling of the electrophoretic mobility in free solution: Application to polystyrenesulfonates of various sulfonation rates. Electrophoresis, 2000, 21, 3529-3540.	1.3	63
139	Association between Protein Particles and Long Amphiphilic Polymers:â€‰ Effect of the Polymer Hydrophobicity on Binding Isotherms. Macromolecules, 1999, 32, 3922-3929.	2.2	36
140	Thermodynamic Behavior of a Supramolecular System Self-Assembled by Electrostatic Interaction in Aqueous Solution. Results And Theoretical Analysis. Journal of Physical Chemistry B, 1999, 103, 10866-10875.	1.2	17
141	The effect of blob size and network dynamics on the size-based separation of polystyrenesulfonates by capillary electrophoresis in the presence of entangled polymer solutions. Electrophoresis, 1998, 19, 2151-2162.	1.3	63
142	Electrophoretic behaviour of fully sulfonated polystyrenes in capillaries filled with entangled polymer solutions. Journal of Chromatography A, 1997, 772, 369-384.	1.8	35