

Pavel Jandera

List of Publications by Year in descending order

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165
papers

8,083
citations

38660

50
h-index

60497

81
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170
all docs

170
docs citations

170
times ranked

4507
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Definition of the Stationary Phase Volume in Mixed-Mode Chromatographic Columns in Hydrophilic Liquid Chromatography. <i>Molecules</i> , 2021, 26, 4819.	1.7	2
2	Dual-mode hydrophilic interaction normal phase and reversed phase liquid chromatography of polar compounds on a single column. <i>Journal of Separation Science</i> , 2020, 43, 70-86.	1.3	14
3	Comparison of various modes and phase systems for analytical HPLC. <i>Handbook of Analytical Separations</i> , 2020, 8, 1-91.	0.8	1
4	Comprehensive two-dimensional monolithic liquid chromatography of polar compounds. <i>Journal of Separation Science</i> , 2019, 42, 670-677.	1.3	6
5	Mobile phase effects in reversed-phase and hydrophilic interaction liquid chromatography revisited. <i>Journal of Chromatography A</i> , 2018, 1543, 48-57.	1.8	19
6	Mobile phase effects on the retention on polar columns with special attention to the dual hydrophilic interaction-reversed phase liquid chromatography mechanism, a review. <i>Journal of Separation Science</i> , 2018, 41, 145-162.	1.3	45
7	Multidimensional Liquid Chromatography. , 2018, , .		0
8	Effect of water on the retention on diol and amide columns in hydrophilic interaction liquid chromatography. <i>Journal of Separation Science</i> , 2017, 40, 1434-1448.	1.3	15
9	Recent advances in stationary phases and understanding of retention in hydrophilic interaction chromatography. A review. <i>Analytica Chimica Acta</i> , 2017, 967, 12-32.	2.6	226
10	Investigation of the temperature dependence of water adsorption on silica-based stationary phases in hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2017, 1489, 143-148.	1.8	12
11	Advances in Hydrophilic Interaction Liquid Chromatography. , 2017, , 39-87.		3
12	Retention Models on Core-Shell Columns. <i>Journal of AOAC INTERNATIONAL</i> , 2017, 100, 1636-1646.	0.7	15
13	Dual Retention Mechanism in Two-Dimensional LC Separations of Barbiturates, Sulfonamides, Nucleic Bases and Nucleosides on Polymethacrylate Zwitterionic Monolithic Micro-Columns. <i>Chromatographia</i> , 2016, 79, 657-666.	0.7	14
14	Introduction to Implementations of two-dimensional liquid chromatography by G. Guiochon, N. Marchetti, K. Mriziq, R.A. Shaliker [J. Chromatogr. A 1189 (2008) 109-168]. <i>Journal of Chromatography A</i> , 2016, 1446, 17-18.	1.8	1
15	The effects of temperature and mobile phase on the retention of aliphatic carboxylic acids in hydrophilic interaction chromatography on zwitterionic stationary phases. <i>Journal of Separation Science</i> , 2016, 39, 4732-4739.	1.3	10
16	Automated dual two-dimensional liquid chromatography approach for fast acquisition of three-dimensional data using combinations of zwitterionic polymethacrylate and silica-based monolithic columns. <i>Journal of Chromatography A</i> , 2016, 1446, 91-102.	1.8	26
17	Separation of flavonoids on different phenyl-bonded stationary phases-the influence of polar groups in stationary phase structure. <i>Journal of Chromatography A</i> , 2016, 1429, 198-206.	1.8	29
18	20th International Symposium on Separation Sciences (ISSS 2014). <i>Chromatographia</i> , 2015, 78, 851-852.	0.7	0

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19	The Effects of the Column Length on the Efficiency of Capillary Zwitterionic Organic Polymer Monolithic Columns in HILIC Chromatography. <i>Chromatographia</i> , 2015, 78, 853-859.	0.7	6
20	Polymethacrylate monolithic columns for hydrophilic interaction liquid chromatography prepared using a secondary surface polymerization. <i>Journal of Chromatography A</i> , 2015, 1402, 82-93.	1.8	24
21	Thermodynamics Study of Solvent Adsorption on Octadecyl-Modified Silica. <i>Chromatographia</i> , 2015, 78, 21-30.	0.7	23
22	Comparison of a C30 Bonded Silica Column and Columns with Shorter Bonded Ligands in Reversed-Phase LC. <i>Chromatographia</i> , 2015, 78, 861-871.	0.7	8
23	Possibilities of retention prediction in fast gradient liquid chromatography. Part 3: Short silica monolithic columns. <i>Journal of Chromatography A</i> , 2015, 1410, 76-89.	1.8	15
24	Monolithic and core-shell columns in comprehensive two-dimensional HPLC: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 139-151.	1.9	47
25	Determination of the polyphenolic content of a <i>Capsicum annum</i> L. extract by liquid chromatography coupled to photodiode array and mass spectrometry detection and evaluation of its biological activity. <i>Journal of Separation Science</i> , 2015, 38, 171-178.	1.3	54
26	Optimization of Normal-Phase and Reversed-Phase Systems for Analysis of Pesticides: Choice of the Mode of Elution—Isocratic and Gradient Elution. <i>Chromatographic Science</i> , 2015, , 215-242.	0.1	0
27	Adsorption of water from aqueous acetonitrile on silica-based stationary phases in aqueous normal-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2014, 1374, 102-111.	1.8	70
28	Comparison of four cholesterol-based stationary phases for the separation of steroid hormones. <i>Journal of Separation Science</i> , 2014, 37, 345-351.	1.3	10
29	Retention and bandwidths prediction in fast gradient liquid chromatography. Part 2—Core-shell columns. <i>Journal of Chromatography A</i> , 2014, 1337, 57-66.	1.8	16
30	Post-Polymerization Modifications of Polymeric Monolithic Columns: A Review. <i>Chromatography (Basel)</i> , 2014, 1, 24-53.	1.2	29
31	Advances in the development of organic polymer monolithic columns and their applications in food analysis—A review. <i>Journal of Chromatography A</i> , 2013, 1313, 37-53.	1.8	105
32	Combined effects of mobile phase composition and temperature on the retention of phenolic antioxidants on an octylsilica polydentate column. <i>Journal of Chromatography A</i> , 2013, 1317, 49-58.	1.8	6
33	Gradient elution in aqueous normal-phase liquid chromatography on hydrosilated silica-based stationary phases. <i>Journal of Chromatography A</i> , 2013, 1286, 111-118.	1.8	44
34	Possibilities of retention prediction in fast gradient liquid chromatography. Part 1: Comparison of separation on packed fully porous, nonporous and monolithic columns. <i>Journal of Chromatography A</i> , 2013, 1278, 37-45.	1.8	7
35	Cross-linker effects on the separation efficiency on (poly)methacrylate capillary monolithic columns. Part II. Aqueous normal-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2013, 1289, 47-57.	1.8	42
36	Recent advances in the design of organic polymer monoliths for reversed-phase and hydrophilic interaction chromatography separations of small molecules. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2123-2131.	1.9	56

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37	Cross-linker effects on the separation efficiency on (poly)methacrylate capillary monolithic columns. Part I. Reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2013, 1274, 97-106.	1.8	43
38	New zwitterionic polymethacrylate monolithic columns for one- and two-dimensional microliquid chromatography. <i>Journal of Separation Science</i> , 2013, 36, 2430-2440.	1.3	36
39	Comparison of nonaqueous hydrophilic interaction chromatography with aqueous normal-phase chromatography on hydrosilated silica-based stationary phases. <i>Journal of Separation Science</i> , 2013, 36, 2753-2759.	1.3	19
40	The effect of temperature and mobile phase composition on separation mechanism of flavonoid compounds on hydrosilated silica-based columns. <i>Journal of Chromatography A</i> , 2012, 1245, 98-108.	1.8	43
41	Optimization of comprehensive two-dimensional gradient chromatography coupling in-line hydrophilic interaction and reversed phase liquid chromatography. <i>Journal of Chromatography A</i> , 2012, 1268, 91-101.	1.8	65
42	The influence of the organic modifier in hydro-organic mobile phase on separation selectivity of steroid hormones separation using cholesterol-bonded stationary phases. <i>Journal of Chromatography A</i> , 2012, 1245, 90-97.	1.8	17
43	A study of the thermodynamics of retention of block (co)oligomers using high-performance liquid chromatography/mass spectrometry. <i>Journal of Chromatography A</i> , 2012, 1247, 89-98.	1.8	10
44	Improvement of the sensitivity of 2D LC-MEKC separation of phenolic acids and flavonoids natural antioxidants using the online preconcentration step. <i>Electrophoresis</i> , 2012, 33, 2464-2473.	1.3	18
45	Programmed elution in comprehensive two-dimensional liquid chromatography. <i>Journal of Chromatography A</i> , 2012, 1255, 112-129.	1.8	61
46	Columns and optimum gradient conditions for fast second-dimension separations in comprehensive two-dimensional liquid chromatography. <i>Journal of Separation Science</i> , 2012, 35, 1712-1722.	1.3	17
47	Hydrosilated silica-based columns: The effects of mobile phase and temperature on dual hydrophilic-reversed-phase separation mechanism of phenolic acids. <i>Journal of Chromatography A</i> , 2012, 1228, 125-134.	1.8	35
48	Comprehensive two-dimensional liquid chromatography – practical impacts of theoretical considerations. A review. <i>Open Chemistry</i> , 2012, 10, 844-875.	1.0	24
49	Selectivity Tests of Stationary Phases for Reversed-Phase HPLC. <i>Analytical Letters</i> , 2011, 44, 1640-1662.	1.0	10
50	Retention times and bandwidths in reversed-phase gradient liquid chromatography of peptides and proteins. <i>Journal of Chromatography A</i> , 2011, 1218, 8874-8889.	1.8	24
51	Effects of the gradient profile, sample volume and solvent on the separation in very fast gradients, with special attention to the second-dimension gradient in comprehensive two-dimensional liquid chromatography. <i>Journal of Chromatography A</i> , 2011, 1218, 1995-2006.	1.8	49
52	Effects of functional monomers on retention behavior of small and large molecules in monolithic capillary columns at isocratic and gradient conditions. <i>Journal of Separation Science</i> , 2011, 34, 2054-2062.	1.3	21
53	Stationary and mobile phases in hydrophilic interaction chromatography: a review. <i>Analytica Chimica Acta</i> , 2011, 692, 1-25.	2.6	610
54	Separation of phenolic acids and flavone natural antioxidants by two-dimensional method combining liquid chromatography and micellar electrokinetic capillary chromatography. <i>Electrophoresis</i> , 2010, 31, 2200-2210.	1.3	28

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55	Dual hydrophilic interactionâ€RP retention mechanism on polar columns: Structural correlations and implementation for 2â€D separations on a single column. <i>Journal of Separation Science</i> , 2010, 33, 841-852.	1.3	88
56	Characterization of stationary phases for reversedâ€phase chromatography. <i>Journal of Separation Science</i> , 2010, 33, 453-463.	1.3	30
57	Comparison of various secondâ€dimension gradient types in comprehensive twoâ€dimensional liquid chromatography. <i>Journal of Separation Science</i> , 2010, 33, 1382-1397.	1.3	51
58	Polymethacrylate monolithic and hybrid particle-monolithic columns for reversed-phase and hydrophilic interaction capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2010, 1217, 22-33.	1.8	52
59	Combined effects of mobile phase composition and temperature on the retention of homologous and polar test compounds on polydentate C8 column. <i>Journal of Chromatography A</i> , 2010, 1217, 6052-6060.	1.8	18
60	Effects of the operation parameters on Hydrophilic Interaction Liquid Chromatography separation of phenolic acids on zwitterionic monolithic capillary columns. <i>Journal of Chromatography A</i> , 2010, 1217, 7981-7989.	1.8	43
61	EOF in monolithic poly(styreneâ€co</i>â€divinylbenzene) capillary columns. <i>Electrophoresis</i> , 2009, 30, 583-588.	1.3	9
62	Molecularly imprinted polymers and their application in solid phase extraction. <i>Journal of Separation Science</i> , 2009, 32, 799-812.	1.3	51
63	Molecularly imprinted polymer for solidâ€phase extraction of ephedrine and analogs from human plasma. <i>Journal of Separation Science</i> , 2009, 32, 1036-1042.	1.3	161
64	Preparation and characterization of polymethacrylate monolithic capillary columns with dual hydrophilic interaction reversedâ€phase retention mechanism for polar compounds. <i>Journal of Separation Science</i> , 2009, 32, 2530-2543.	1.3	65
65	Utilization of dual retention mechanism on columns with bonded PEG and diol stationary phases for adjusting the separation selectivity of phenolic and flavone natural antioxidants. <i>Journal of Separation Science</i> , 2009, 32, 3603-3619.	1.3	93
66	Optimization of two-dimensional gradient liquid chromatography separations. <i>Journal of Chromatography A</i> , 2009, 1216, 3443-3457.	1.8	89
67	Methods for the HPLC Analysis of Phenolic Compounds and Flavonoids in Beer. , 2009, , 1003-1014.		5
68	Capillary electrophoretic chiral separation of <i>Cinchona</i> alkaloids using a cyclodextrin selector. <i>Journal of Separation Science</i> , 2008, 31, 1130-1136.	1.3	28
69	Stationary phases for hydrophilic interaction chromatography, their characterization and implementation into multidimensional chromatography concepts. <i>Journal of Separation Science</i> , 2008, 31, 1421-1437.	1.3	219
70	Polymethacrylate monolithic columns for capillary liquid chromatography. <i>Journal of Separation Science</i> , 2008, 31, 2521-2540.	1.3	118
71	Multidimensional LCÃ—LC analysis of phenolic and flavone natural antioxidants with UVâ€electrochemical coulometric and MS detection. <i>Journal of Separation Science</i> , 2008, 31, 3309-3328.	1.3	65
72	Characterization of HPLC columns for twoâ€dimensional LCâ€%Ã—â€%LC separations of phenolic acids and flavonoids. <i>Journal of Chemometrics</i> , 2008, 22, 203-217.	0.7	42

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73	Optimization of separation in two-dimensional high-performance liquid chromatography by adjusting phase system selectivity and using programmed elution techniques. <i>Journal of Chromatography A</i> , 2008, 1189, 207-220.	1.8	70
74	Characterization of polymer-based monolithic capillary columns by inverse size-exclusion chromatography and mercury-intrusion porosimetry. <i>Journal of Chromatography A</i> , 2008, 1182, 161-168.	1.8	59
75	Retention and Separation Selectivity of Natural Phenolic Antioxidants on Zirconia Based Stationary Phases. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008, 31, 807-818.	0.5	3
76	Temperature effects on separation on zirconia columns: Applications to one- and two-dimensional LC separations of phenolic antioxidants. <i>Journal of Separation Science</i> , 2007, 30, 462-474.	1.3	38
77	Alkylated poly(styrene- <i>co</i> -divinylbenzene) monolithic columns for HPLC and CEC separation of phenolic acids. <i>Journal of Separation Science</i> , 2007, 30, 3018-3026.	1.3	38
78	Preparation of monolithic columns with target mesopore-size distribution for potential use in size-exclusion chromatography. <i>Journal of Chromatography A</i> , 2007, 1150, 279-289.	1.8	42
79	Behaviour of sulphonated azodyes in ion-pairing reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2007, 1143, 112-120.	1.8	19
80	Effects of capillary coating and β -cyclodextrin additive to the background electrolyte on separation of sulphonated azodyes by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2007, 1149, 358-367.	1.8	16
81	A study of the effects of column porosity on gradient separations of proteins. <i>Journal of Chromatography A</i> , 2007, 1167, 63-75.	1.8	31
82	Comparison of High-Temperature Gradient Heart-Cutting and Comprehensive LC- μ LC Systems for the Separation of Phenolic Antioxidants. <i>Chromatographia</i> , 2007, 66, 661-667.	0.7	33
83	Elucidation of Carotenoid Patterns in Citrus Products by Means of Comprehensive Normal-Phase μ -Reversed-Phase Liquid Chromatography. <i>Analytical Chemistry</i> , 2006, 78, 7743-7750.	3.2	107
84	Structural Analysis of Ionic Organotin(IV) Compounds Using Electrospray Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 4210-4218.	3.2	13
85	Analysis of electrochemical degradation products of sulphonated azo dyes using high-performance liquid chromatography/tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 2807-2815.	0.7	28
86	Polymetacrylate and hybrid interparticle monolithic columns for fast separations of proteins by capillary liquid chromatography. <i>Journal of Chromatography A</i> , 2006, 1109, 60-73.	1.8	21
87	Two-dimensional liquid chromatography normal-phase and reversed-phase separation of (co)oligomers. <i>Journal of Chromatography A</i> , 2006, 1119, 3-10.	1.8	69
88	Can the theory of gradient liquid chromatography be useful in solving practical problems?. <i>Journal of Chromatography A</i> , 2006, 1126, 195-218.	1.8	85
89	Two-dimensional and serial column reversed-phase separation of phenolic antioxidants on octadecyl-, polyethyleneglycol-, and pentafluorophenylpropyl-silica columns. <i>Journal of Separation Science</i> , 2006, 29, 555-566.	1.3	90
90	Solvent and temperature gradients in separation of synthetic oxyethylene-oxypropylene block (co)polymers using high-temperature liquid chromatography. <i>Journal of Separation Science</i> , 2006, 29, 1155-1165.	1.3	16

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91	A model of flow-through pore formation in methacrylate ester-based monolithic columns. <i>Journal of Separation Science</i> , 2006, 29, 1064-1073.	1.3	19
92	Retention and selectivity tests of silica-based and metal-oxide bonded stationary phases for RP-HPLC. <i>Journal of Separation Science</i> , 2006, 29, 856-871.	1.3	25
93	Molecular imprinting of natural flavonoid antioxidants: Application in solid-phase extraction for the sample pretreatment of natural products prior to HPLC analysis. <i>Journal of Separation Science</i> , 2006, 29, 2310-2321.	1.3	63
94	Column selectivity for two-dimensional liquid chromatography. <i>Journal of Separation Science</i> , 2006, 29, 1763-1783.	1.3	94
95	Development of different comprehensive two dimensional systems for the separation of phenolic antioxidants. <i>Journal of Separation Science</i> , 2006, 29, 2500-2513.	1.3	81
96	Separation Science in the Czech Republic. <i>Journal of Separation Science</i> , 2006, 29, 465-471.	1.3	0
97	Characterization of High-Pressure Liquid Chromatography Columns using Chromatographic Methods. <i>Analytical Letters</i> , 2006, 39, 2095-2152.	1.0	18
98	Comparison of column properties in reversed-phase chromatography: monolithic, cholesterolic and mixed bonded stationary phases. <i>Analytica Chimica Acta</i> , 2005, 540, 127-137.	2.6	17
99	Phase system selectivity and two-dimensional separations in liquid column chromatography. <i>Journal of Chromatography A</i> , 2005, 1087, 112-123.	1.8	33
100	Comparative characteristics of HPLC columns based on quantitative structure-retention relationships (QSRR) and hydrophobic-subtraction model. <i>Journal of Chromatography A</i> , 2005, 1075, 109-115.	1.8	108
101	Silver-ion reversed-phase comprehensive two-dimensional liquid chromatography combined with mass spectrometric detection in lipidic food analysis. <i>Journal of Chromatography A</i> , 2005, 1086, 91-98.	1.8	115
102	RP-HPLC analysis of phenolic compounds and flavonoids in beverages and plant extracts using a CoulArray detector. <i>Journal of Separation Science</i> , 2005, 28, 1005-1022.	1.3	108
103	Quantitation of triacylglycerols in plant oils using HPLC with APCI-MS, evaporative light-scattering, and UV detection. <i>Journal of Separation Science</i> , 2005, 28, 1315-1333.	1.3	190
104	Behavior of Some Predictive Isotherm Adsorption Models Describing the Multicomponent Equilibria of Phenol/Cresol in a Reversed-Phase Chromatographic System. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2005, 28, 1617-1649.	0.5	1
105	Analysis of sulphonated azodyes and their degradation products in aqueous solutions treated with a new electrochemical method. <i>International Journal of Environmental Analytical Chemistry</i> , 2004, 84, 875-888.	1.8	26
106	Comparison of monolithic silica and polymethacrylate capillary columns for LC. <i>Journal of Separation Science</i> , 2004, 27, 789-800.	1.3	55
107	Controlling the retention in capillary LC with solvents, temperature, and electric fields. <i>Journal of Separation Science</i> , 2004, 27, 1402-1418.	1.3	25
108	Optimisation of gradient HPLC analysis of phenolic compounds and flavonoids in beer using a CoulArray detector. <i>Journal of Separation Science</i> , 2004, 27, 1345-1359.	1.3	46

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109	Naphthalene sulphonic acids – new test compounds for characterization of the columns for reversed-phase chromatography. <i>Journal of Chromatography A</i> , 2004, 1059, 61-72.	1.8	27
110	Stationary-phase effects in gradient high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2004, 1030, 33-41.	1.8	22
111	Ion-pairing high-performance liquid chromatography-mass spectrometry of impurities and reduction products of sulphonated azodyes. <i>Journal of Separation Science</i> , 2003, 26, 1017-1027.	1.3	31
112	Characterization of polymer monolithic stationary phases for capillary HPLC. <i>Journal of Separation Science</i> , 2003, 26, 1005-1016.	1.3	96
113	Separation of aromatic sulphonic acids by CZE in coated and non-coated capillaries. <i>Journal of Separation Science</i> , 2003, 26, 1035-1044.	1.3	6
114	Characterization of triacylglycerol and diacylglycerol composition of plant oils using high-performance liquid chromatography – atmospheric pressure chemical ionization mass spectrometry. <i>Journal of Chromatography A</i> , 2003, 1010, 195-215.	1.8	302
115	Gradient elution in normal-phase high-performance liquid chromatographic systems. <i>Journal of Chromatography A</i> , 2002, 965, 239-261.	1.8	59
116	Impact of adsorption isotherm parameters on the performance of enantioseparation using simulated moving bed chromatography. <i>Journal of Chromatography A</i> , 2002, 944, 249-262.	1.8	34
117	Effect of the mobile phase on the retention behaviour of optical isomers of carboxylic acids and amino acids in liquid chromatography on bonded Teicoplanin columns. <i>Journal of Chromatography A</i> , 2001, 917, 123-133.	1.8	46
118	Analysis of the band profiles of the enantiomers of phenylglycine in liquid chromatography on bonded teicoplanin columns using the stochastic theory of chromatography. <i>Journal of Chromatography A</i> , 2001, 919, 67-77.	1.8	42
119	High performance liquid chromatography – mass spectrometric analysis of sulphonated dyes and intermediates. <i>Journal of Chromatography A</i> , 2001, 926, 175-186.	1.8	81
120	Fitting adsorption isotherms to the distribution data determined using packed micro-columns for high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2001, 925, 19-29.	1.8	38
121	Description of adsorption equilibria in liquid chromatography systems with binary mobile phases. <i>Journal of Chromatography A</i> , 2001, 908, 3-17.	1.8	31
122	Characterisation of retention in micellar high-performance liquid chromatography, in micellar electrokinetic chromatography and in micellar electrokinetic chromatography with reduced flow. <i>Journal of Chromatography A</i> , 2001, 914, 233-244.	1.8	19
123	Retention Behavior of Oligomers and Cooligomers in Reversed-phase and in Normal-phase Interactive Liquid Chromatographic Systems. <i>International Journal of Polymer Analysis and Characterization</i> , 2001, 6, 261-294.	0.9	24
124	Oxygen attachment to metal complex ions during their collision induced dissociation in ion trap. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1878-1879.	0.7	18
125	Analysis of metal complex azo dyes by high-performance liquid chromatography/electrospray ionization mass spectrometry and multistage mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 1881-1888.	0.7	26
126	Retention mechanism, isocratic and gradient-elution separation and characterization of (co)polymers in normal-phase and reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2000, 869, 65-84.	1.8	67

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127	Separation of isomeric naphthalenesulphonic acids by micro high-performance liquid chromatography with mobile phases containing cyclodextrin. <i>Journal of Chromatography A</i> , 2000, 871, 139-152.	1.8	30
128	Analysis of sulphonated dyes and intermediates by electrospray mass spectrometry. <i>Dyes and Pigments</i> , 1999, 43, 127-137.	2.0	68
129	Fitting competitive adsorption isotherms to the distribution data in normal phase systems with binary mobile phases. <i>Journal of Chromatography A</i> , 1999, 831, 131-148.	1.8	12
130	Analytical monitoring of the production of biodiesel by high-performance liquid chromatography with various detection methods. <i>Journal of Chromatography A</i> , 1999, 858, 13-31.	1.8	256
131	Interpretation of electrospray and atmospheric pressure chemical ionization mass spectra of 10-formyl-7,8-dihydrofolic acid and 5-formyl-5,6,7,8-tetrahydropteroic acid. , 1999, 13, 1423-1426.		8
132	Optimization of the recovery yield and of the production rate in overloaded gradient-elution reversed-phase chromatography. <i>Journal of Chromatography A</i> , 1998, 796, 115-127.	1.8	29
133	Investigation of chromatographic behaviour of ethoxylated alcohol surfactants in normal-phase and reversed-phase systems using high-performance liquid chromatography and mass spectrometry. <i>Journal of Chromatography A</i> , 1998, 813, 299-311.	1.8	72
134	Characterisation of retention in micellar high-performance liquid chromatography and in micellar electrokinetic chromatography using lipophilicity and polarity indices. <i>Journal of Chromatography A</i> , 1998, 807, 57-70.	1.8	22
135	Fitting competitive adsorption isotherms to the experimental distribution data in reversed-phase systems. <i>Journal of Chromatography A</i> , 1997, 762, 3-13.	1.8	24
136	Effects of the gradient profile on the production rate in reversed-phase gradient elution overloaded chromatography. <i>Journal of Chromatography A</i> , 1997, 760, 25-39.	1.8	24
137	Effects of the working electrolyte (cyclodextrin type and pH) on the separation of aromatic sulphonic acids by capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1997, 772, 385-396.	1.8	27
138	Effects of the composition of the mobile phase on the production rate in reversed-phase overloaded chromatography. <i>Journal of Chromatography A</i> , 1997, 787, 13-25.	1.8	10
139	Separation of aromatic sulphonic acid dye intermediates by high-performance liquid chromatography and capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 1996, 738, 201-213.	1.8	62
140	Mobile phase effects on single-component and competitive adsorption isotherms in reversed-phase systems. <i>Journal of Chromatography A</i> , 1996, 734, 125-136.	1.8	22
141	Chromatographic behaviour of phenylurea pesticides in high-performance liquid chromatography with nitrile- and amino-bonded stationary phases. <i>Journal of Chromatography A</i> , 1994, 684, 77-92.	1.8	18
142	Correlation of retention and selectivity of separation in reversed-phase high-performance liquid chromatography with interaction indices and with lipophilic and polar structural indices. <i>Journal of Chromatography A</i> , 1993, 656, 437-467.	1.8	40
143	Adsorption isotherms of cholesterol and related compounds in non-aqueous reversed-phase chromatographic systems. <i>Journal of Chromatography A</i> , 1992, 605, 1-17.	1.8	14
144	Effect of the sample solvent on band profiles in preparative liquid chromatography using non-aqueous reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1991, 588, 1-14.	1.8	51

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145	Method for characterization of selectivity in reversed-phase liquid chromatography. Journal of Chromatography A, 1991, 556, 145-158.	1.8	13
146	Possibilities of determination and prediction of solute capacity factors in reversed-phase systems with pure water as the mobile phase. Journal of Chromatography A, 1990, 500, 281-299.	1.8	51
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