

# Pavel Jandera

## List of Publications by Year in descending order

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165  
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8,083  
citations

38742

50  
h-index

60623

81  
g-index

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.	3.8	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.	2.5	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.	2.5	6
5	Mobile phase effects in reversed-phase and hydrophilic interaction liquid chromatography revisited. <i>Journal of Chromatography A</i> , 2018, 1543, 48-57.	3.7	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.	2.5	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.	2.5	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.	5.4	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.	3.7	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.	1.5	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.	1.3	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.	3.7	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.	2.5	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.	3.7	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.	3.7	29
18	20th International Symposium on Separation Sciences (ISSS 2014). <i>Chromatographia</i> , 2015, 78, 851-852.	1.3	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.	1.3	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.	3.7	24
21	Thermodynamics Study of Solvent Adsorption on Octadecyl-Modified Silica. <i>Chromatographia</i> , 2015, 78, 21-30.	1.3	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.	1.3	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.	3.7	15
24	Monolithic and core-shell columns in comprehensive two-dimensional HPLC: a review. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 139-151.	3.7	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.	2.5	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.	3.7	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.	2.5	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.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	43
38	New zwitterionic polymethacrylate monolithic columns for one- and two-dimensional microliquid chromatography. <i>Journal of Separation Science</i> , 2013, 36, 2430-2440.	2.5	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.	2.5	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.	3.7	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.	3.7	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.	3.7	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.	3.7	10
44	Improvement of the sensitivity of 2D LC-MEKC separation of phenolic acids and flavonoids natural antioxidants using the on-line preconcentration step. <i>Electrophoresis</i> , 2012, 33, 2464-2473.	2.4	18
45	Programmed elution in comprehensive two-dimensional liquid chromatography. <i>Journal of Chromatography A</i> , 2012, 1255, 112-129.	3.7	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.	2.5	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.	3.7	35
48	Comprehensive two-dimensional liquid chromatography – practical impacts of theoretical considerations. A review. <i>Open Chemistry</i> , 2012, 10, 844-875.	1.9	24
49	Selectivity Tests of Stationary Phases for Reversed-Phase HPLC. <i>Analytical Letters</i> , 2011, 44, 1640-1662.	1.8	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.	3.7	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.	3.7	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.	2.5	21
53	Stationary and mobile phases in hydrophilic interaction chromatography: a review. <i>Analytica Chimica Acta</i> , 2011, 692, 1-25.	5.4	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.	2.4	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. Journal of Separation Science, 2010, 33, 841-852.	2.5	88
56	Characterization of stationary phases for reversedâ€phase chromatography. Journal of Separation Science, 2010, 33, 453-463.	2.5	30
57	Comparison of various secondâ€dimension gradient types in comprehensive twoâ€dimensional liquid chromatography. Journal of Separation Science, 2010, 33, 1382-1397.	2.5	51
58	Polymethacrylate monolithic and hybrid particle-monolithic columns for reversed-phase and hydrophilic interaction capillary liquid chromatography. Journal of Chromatography A, 2010, 1217, 22-33.	3.7	52
59	Combined effects of mobile phase composition and temperature on the retention of homologous and polar test compounds on polydentate C8 column. Journal of Chromatography A, 2010, 1217, 6052-6060.	3.7	18
60	Effects of the operation parameters on Hydrophilic Interaction Liquid Chromatography separation of phenolic acids on zwitterionic monolithic capillary columns. Journal of Chromatography A, 2010, 1217, 7981-7989.	3.7	43
61	EOF in monolithic poly(styreneâ€co</i>â€divinylbenzene) capillary columns. Electrophoresis, 2009, 30, 583-588.	2.4	9
62	Molecularly imprinted polymers and their application in solid phase extraction. Journal of Separation Science, 2009, 32, 799-812.	2.5	51
63	Molecularly imprinted polymer for solidâ€phase extraction of ephedrine and analogs from human plasma. Journal of Separation Science, 2009, 32, 1036-1042.	2.5	161
64	Preparation and characterization of polymethacrylate monolithic capillary columns with dual hydrophilic interaction reversedâ€phase retention mechanism for polar compounds. Journal of Separation Science, 2009, 32, 2530-2543.	2.5	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. Journal of Separation Science, 2009, 32, 3603-3619.	2.5	93
66	Optimization of two-dimensional gradient liquid chromatography separations. Journal of Chromatography A, 2009, 1216, 3443-3457.	3.7	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. Journal of Separation Science, 2008, 31, 1130-1136.	2.5	28
69	Stationary phases for hydrophilic interaction chromatography, their characterization and implementation into multidimensional chromatography concepts. Journal of Separation Science, 2008, 31, 1421-1437.	2.5	219
70	Polymethacrylate monolithic columns for capillary liquid chromatography. Journal of Separation Science, 2008, 31, 2521-2540.	2.5	118
71	Multidimensional LCÃ—LC analysis of phenolic and flavone natural antioxidants with UVâ€electrochemical coulometric and MS detection. Journal of Separation Science, 2008, 31, 3309-3328.	2.5	65
72	Characterization of HPLC columns for twoâ€dimensional LCâ€%Ã—â€%LC separations of phenolic acids and flavonoids. Journal of Chemometrics, 2008, 22, 203-217.	1.3	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.	3.7	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.	3.7	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.	1.0	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.	2.5	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.	2.5	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.	3.7	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.	3.7	19
80	Effects of capillary coating and $\beta$ -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.	3.7	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.	3.7	31
82	Comparison of High-Temperature Gradient Heart-Cutting and Comprehensive LC- $\mu$ LC Systems for the Separation of Phenolic Antioxidants. <i>Chromatographia</i> , 2007, 66, 661-667.	1.3	33
83	Elucidation of Carotenoid Patterns in Citrus Products by Means of Comprehensive Normal-Phase $\mu$ -Reversed-Phase Liquid Chromatography. <i>Analytical Chemistry</i> , 2006, 78, 7743-7750.	6.5	107
84	Structural Analysis of Ionic Organotin(IV) Compounds Using Electrospray Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 4210-4218.	6.5	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.	1.5	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.	3.7	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.	3.7	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.	3.7	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.	2.5	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.	2.5	16

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91	A model of flow-through pore formation in methacrylate ester-based monolithic columns. Journal of Separation Science, 2006, 29, 1064-1073.	2.5	19
92	Retention and selectivity tests of silica-based and metal-oxide bonded stationary phases for RP-HPLC. Journal of Separation Science, 2006, 29, 856-871.	2.5	25
93	Molecular imprinting of natural flavonoid antioxidants: Application in solid-phase extraction for the sample pretreatment of natural products prior to HPLC analysis. Journal of Separation Science, 2006, 29, 2310-2321.	2.5	63
94	Column selectivity for two-dimensional liquid chromatography. Journal of Separation Science, 2006, 29, 1763-1783.	2.5	94
95	Development of different comprehensive two dimensional systems for the separation of phenolic antioxidants. Journal of Separation Science, 2006, 29, 2500-2513.	2.5	81
96	Separation Science in the Czech Republic. Journal of Separation Science, 2006, 29, 465-471.	2.5	0
97	Characterization of High-Pressure Liquid Chromatography Columns using Chromatographic Methods. Analytical Letters, 2006, 39, 2095-2152.	1.8	18
98	Comparison of column properties in reversed-phase chromatography: monolithic, cholesterolic and mixed bonded stationary phases. Analytica Chimica Acta, 2005, 540, 127-137.	5.4	17
99	Phase system selectivity and two-dimensional separations in liquid column chromatography. Journal of Chromatography A, 2005, 1087, 112-123.	3.7	33
100	Comparative characteristics of HPLC columns based on quantitative structure-retention relationships (QSRR) and hydrophobic-subtraction model. Journal of Chromatography A, 2005, 1075, 109-115.	3.7	108
101	Silver-ion reversed-phase comprehensive two-dimensional liquid chromatography combined with mass spectrometric detection in lipidic food analysis. Journal of Chromatography A, 2005, 1086, 91-98.	3.7	115
102	RP-HPLC analysis of phenolic compounds and flavonoids in beverages and plant extracts using a CoulArray detector. Journal of Separation Science, 2005, 28, 1005-1022.	2.5	108
103	Quantitation of triacylglycerols in plant oils using HPLC with APCI-MS, evaporative light-scattering, and UV detection. Journal of Separation Science, 2005, 28, 1315-1333.	2.5	190
104	Behavior of Some Predictive Isotherm Adsorption Models Describing the Multicomponent Equilibria of Phenol/o-Cresol in a Reversed-Phase Chromatographic System. Journal of Liquid Chromatography and Related Technologies, 2005, 28, 1617-1649.	1.0	1
105	Analysis of sulphonated azodyes and their degradation products in aqueous solutions treated with a new electrochemical method. International Journal of Environmental Analytical Chemistry, 2004, 84, 875-888.	3.3	26
106	Comparison of monolithic silica and polymethacrylate capillary columns for LC. Journal of Separation Science, 2004, 27, 789-800.	2.5	55
107	Controlling the retention in capillary LC with solvents, temperature, and electric fields. Journal of Separation Science, 2004, 27, 1402-1418.	2.5	25
108	Optimisation of gradient HPLC analysis of phenolic compounds and flavonoids in beer using a CoulArray detector. Journal of Separation Science, 2004, 27, 1345-1359.	2.5	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.	3.7	27
110	Stationary-phase effects in gradient high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2004, 1030, 33-41.	3.7	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.	2.5	31
112	Characterization of polymer monolithic stationary phases for capillary HPLC. <i>Journal of Separation Science</i> , 2003, 26, 1005-1016.	2.5	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.	2.5	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.	3.7	302
115	Gradient elution in normal-phase high-performance liquid chromatographic systems. <i>Journal of Chromatography A</i> , 2002, 965, 239-261.	3.7	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.	3.7	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.	3.7	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.	3.7	42
119	High performance liquid chromatography—mass spectrometric analysis of sulphonated dyes and intermediates. <i>Journal of Chromatography A</i> , 2001, 926, 175-186.	3.7	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.	3.7	38
121	Description of adsorption equilibria in liquid chromatography systems with binary mobile phases. <i>Journal of Chromatography A</i> , 2001, 908, 3-17.	3.7	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.	3.7	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.	1.9	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.	1.5	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.	1.5	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.	3.7	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.	3.7	30
128	Analysis of sulphonated dyes and intermediates by electrospray mass spectrometry. <i>Dyes and Pigments</i> , 1999, 43, 127-137.	3.7	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.	3.7	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.	3.7	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.	3.7	29
133	Investigation of chromatographic behaviour of ethoxylated alcohol surfactants in normal-phase and reversed-phase systems using high-performance liquid chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 1998, 813, 299-311.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	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.	3.7	51

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145	Method for characterization of selectivity in reversed-phase liquid chromatography. Journal of Chromatography A, 1991, 556, 145-158.	3.7	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.	3.7	51
147	Comparison of various stationary phases for normal-phase high-performance liquid chromatography of ethoxylated alkylphenols. Journal of Chromatography A, 1990, 504, 297-318.	3.7	47
148	Predictive calculation methods for optimization of gradient elution using binary and ternary solvent gradients. Journal of Chromatography A, 1989, 485, 113-141.	3.7	56
149	Methods for characterization of selectivity in reversed-phase liquid chromatography. Journal of Chromatography A, 1988, 449, 361-389.	3.7	57
150	Method for chromaterization of selectivity in reversed-phase liquid chromatography. Journal of Chromatography A, 1986, 352, 91-110.	3.7	67
151	Method for characterization of selectivity in reversed-phase liquid chromatography. Journal of Chromatography A, 1986, 352, 111-126.	3.7	35
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