Colin F Poole

List of Publications by Year
in descending order

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253 papers	12,355 citations	26630 56 h-index	37204 96 g-index
486 all docs	486 docs citations	486 times ranked	5739 citing authors

#	Article	IF	Citations
1	Structural Effects on the Hydrogen-Bonding Descriptors of the Solvation Parameter Model. Journal of Solution Chemistry, 2022, 51, 1056-1080.	1.2	16
2	Study of system properties in reversed-phase liquid chromatography for binary and ternary solvent mobile phase compositions using the solvation parameter model. Journal of Chromatography Open, 2022, 2, 100039.	2.2	12
3	Applications of the solvation parameter model in thin-layer chromatography. Journal of Planar Chromatography - Modern TLC, 2022, 35, 207-227.	1.2	8
4	Analysis of the solvent strength parameter (linear solvent strength model) for isocratic separations in reversed-phase liquid chromatography. Journal of Chromatography A, 2022, 1675, 463153.	3.7	9
5	Sample preparation for gas chromatography. , 2021, , 615-653.		0
6	Conventional detectors for gas chromatography. , 2021, , 343-369.		3
7	Solvation parameter model: Tutorial on its application to separation systems for neutral compounds. Journal of Chromatography A, 2021, 1645, 462108.	3.7	40
8	Determination of physicochemical properties of ionic liquids by gas chromatography. Journal of Chromatography A, 2021, 1644, 461964.	3.7	20
9	Column technology. , 2021, , 141-163.		0
10	Column classification and structure-retention relationships. , 2021, , 165-190.		0
11	Core concepts and milestones in the development of solid-phase extraction. , 2020, , 1-36.		5
12	Milestones in the Development of Liquid-Phase Extraction Techniques. , 2020, , 1-44.		11
13	Solvent Selection for Liquid-Phase Extraction. , 2020, , 45-89.		12
14	Wayne State University experimental descriptor database for use with the solvation parameter model. Journal of Chromatography A, 2020, 1617, 460841.	3.7	46
15	Totally Organic Biphasic Systems. , 2020, , 265-288.		0
16	Selection of calibration compounds for selectivity evaluation of wall-coated, open-tubular columns for gas chromatography by the solvation parameter model. Journal of Chromatography A, 2020, 1629, 461500.	3.7	21
17	Selectivity evaluation of core-shell silica columns for reversed-phase liquid chromatography using the solvation parameter model. Journal of Chromatography A, 2020, 1634, 461692.	3.7	27
18	Determination of physicochemical properties of small molecules by reversed-phase liquid chromatography. Journal of Chromatography A, 2020, 1626, 461427.	3.7	27

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19	Selection of calibration compounds for selectivity evaluation of siloxane-bonded silica columns for reversed-phase liquid chromatography by the solvation parameter model. Journal of Chromatography A, 2020, 1633, 461652.	3.7	22
20	Evaluation of the solvation parameter model as a quantitative structure-retention relationship model for gas and liquid chromatography. Journal of Chromatography A, 2020, 1626, 461308.	3.7	24
21	Recent advances in analytical methods for the determination of citrinin in food matrices. Journal of Chromatography A, 2020, 1627, 461399.	3.7	20
22	Somenath Mitra, Pradyot Patnaik and Barbara B. Kebbekus: Environmental Chemical Analysis, 2nd Edn. Chromatographia, 2019, 82, 1297-1298.	1.3	0
23	Gas chromatography system constant database for 52 wall-coated, open-tubular columns covering the temperature range 60â€“140ÂÂ°C. Journal of Chromatography A, 2019, 1604, 460482.	3.7	29
24	Gas chromatography system constant database over an extended temperature range for nine open-tubular columns. Journal of Chromatography A, 2019, 1590, 130-145.	3.7	27
25	Editorial on â€œMulti-way chromatographic calibration â€“ A reviewâ€•by Graciela M. Escandar and Alejandro Olivieri. Journal of Chromatography A, 2019, 1587, 1.	3.7	1
26	Reversed-phase liquid chromatography system constant database over an extended mobile phase composition range for 25 siloxane-bonded silica-based columns. Journal of Chromatography A, 2019, 1600, 112-126.	3.7	33
27	System Maps for the Retention of Neutral Compounds on an Electrostatic-Shielded Reversed-Phase Column. Chromatographia, 2019, 82, 799-808.	1.3	8
28	Influence of Solvent Effects on Retention of Small Molecules in Reversed-Phase Liquid Chromatography. Chromatographia, 2019, 82, 49-64.	1.3	37
29	Insights into the Retention Mechanism of Small Neutral Compounds on Octylsiloxane-Bonded and Diisobutyloctadecylsiloxane-Bonded Silica Stationary Phases in Reversed-Phase Liquid Chromatography. Chromatographia, 2018, 81, 373-385.	1.3	11
30	A system map for the ionic liquid stationary phase 1,12-di(tripropylphosphonium)dodecane bis(trifluoromethylsulfonyl)imide trifluoromethanesulfonate for gas chromatography. Journal of Chromatography A, 2018, 1559, 164-169.	3.7	15
31	Insights into the Retention Mechanism for Small Neutral Compounds on Silica-Based Phenyl Phases in Reversed-Phase Liquid Chromatography. Chromatographia, 2018, 81, 225-238.	1.3	13
32	Chromatographic test methods for characterizing alkylsiloxane-bonded silica columns for reversed-phase liquid chromatography. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2018, 1092, 207-219.	2.3	38
33	Applications of the solvation parameter model in reversed-phase liquid chromatography. Journal of Chromatography A, 2017, 1486, 2-19.	3.7	64
34	Partition constant database for totally organic biphasic systems. Journal of Chromatography A, 2017, 1527, 18-32.	3.7	37
35	A system map for the ionic liquid stationary phase 1,12-di(tripropylphosphonium)dodecane bis(trifluoromethylsulfonyl)imide for gas chromatography. Journal of Chromatography A, 2017, 1525, 138-144.	3.7	9
36	Estimation of descriptors for hydrogen-bonding compounds from chromatographic and liquid-liquid partition measurements. Journal of Chromatography A, 2017, 1526, 13-22.	3.7	24

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37	System map for the ionic liquid stationary phase tri(tripropylphosphoniumhexanamido)triethylamine bis(trifluoromethylsulfonyl)imide for gas chromatography. Journal of Chromatography A, 2017, 1524, 210-214.	3.7	16
38	Reversed-phase liquid chromatography. , 2017, , 91-123.		7
39	System Maps for Retention of Small Neutral Compounds on a Superficially Porous Ethyl-Bridged, Octadecylsiloxane-Bonded Silica Stationary Phase in Reversed-Phase Liquid Chromatography. Chromatographia, 2017, 80, 1279-1286.	1.3	13
40	Liquid chromatography with room temperature ionic liquids. Journal of Planar Chromatography - Modern TLC, 2017, 30, 97-105.	1.2	14
41	System maps for retention of small neutral compounds on a biphenylsiloxane-bonded silica stationary phase in reversed-phase liquid chromatography. Journal of Chromatography A, 2016, 1478, 68-74.	3.7	9
42	System maps for retention of small neutral compounds on a superficially porous particle column in reversed-phase liquid chromatography. Journal of Chromatography A, 2016, 1468, 250-256.	3.7	19
43	Glossary of terms used in extraction (IUPAC Recommendations 2016). Pure and Applied Chemistry, 2016, 88, 517-558.	1.9	35
44	Extraction for analytical scale sample preparation (IUPAC Technical Report). Pure and Applied Chemistry, 2016, 88, 649-687.	1.9	42
45	Editorial on â€œDescriptors for ions and ion-pairs for use in linear free energy relationshipsâ€•by Michael H. Abraham and William E. Acree. Journal of Chromatography A, 2016, 1430, 1.	3.7	0
46	Green sample-preparation methods using room-temperature ionic liquids for the chromatographic analysis of organic compounds. TrAC - Trends in Analytical Chemistry, 2015, 71, 144-156.	11.4	63
47	A System Map for the Ionic Liquid Stationary Phase 1,9-Di(3-vinylimidazolium)nonane Bis(trifluoromethylsulfonyl)imide. Chromatographia, 2015, 78, 81-88.	1.3	16
48	Ionization-based detectors for gas chromatography. Journal of Chromatography A, 2015, 1421, 137-153.	3.7	72
49	Instrument platforms for thin-layer chromatography. Journal of Chromatography A, 2015, 1421, 184-202.	3.7	34
50	Milestones, Core Concepts, and Contrasts. , 2015, , 1-29.		0
51	Editorial on â€œMiniaturized planar chromatography using office peripherals â€“ Office chromatographyâ€• by Gertrud E. Morlock. Journal of Chromatography A, 2015, 1382, 86.	3.7	3
52	High-Performance Precoated Stationary Phases. , 2015, , 31-51.		2
53	Solvent Selection and MethodÂDevelopment. , 2015, , 313-350.		3
54	An interphase model for retention in liquid chromatography. Journal of Planar Chromatography - Modern TLC, 2015, 28, 98-105.	1.2	18

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55	Gas chromatography on wall-coated open-tubular columns with ionic liquid stationary phases. Journal of Chromatography A, 2014, 1357, 87-109.	3.7	136
56	Determination of descriptors for polycyclic aromatic hydrocarbons and related compounds by chromatographic methods and liquidâ€“liquid partition in totally organic biphasic systems. Journal of Chromatography A, 2014, 1361, 240-254.	3.7	23
57	Editorial on â€œSegmented flow and curtain flow chromatography: Overcoming the wall effect and heterogeneous bed structuresâ€•by R.A. Shalliker and H. Ritchie. Journal of Chromatography A, 2014, 1335, 121.	3.7	1
58	Alkylsilyl derivatives for gas chromatography. Journal of Chromatography A, 2013, 1296, 2-14.	3.7	70
59	Evaluation of Triethylamine as a Counter Solvent in Totally Organic Biphasic Liquidâ€“Liquid Partition Systems. Chromatographia, 2013, 76, 1031-1039.	1.3	19
60	Derivatization reactions for use with the electron-capture detector. Journal of Chromatography A, 2013, 1296, 15-24.	3.7	33
61	Estimation of the environmental properties of compounds from chromatographic measurements and the solvation parameter model. Journal of Chromatography A, 2013, 1317, 85-104.	3.7	156
62	Models for Liquidâ€“Liquid Partition in the System Ethanolamine-Organic Solvent and Their Use for Estimating Descriptors for Organic Compounds. Chromatographia, 2013, 76, 157-164.	1.3	14
63	Totally organic biphasic solvent systems for extraction and descriptor determinations. Journal of Separation Science, 2013, 36, 96-109.	2.5	44
64	Microreactions in separation science: Reagents and techniques. Journal of Chromatography A, 2013, 1296, 1.	3.7	8
65	Packed Columns for Gasâ€“Liquid and Gasâ€“Solid Chromatography. , 2012, , 97-121.		2
66	Determination of Descriptors for Plasticizers by Chromatography and Liquidâ€“Liquid Partition. Chromatographia, 2012, 75, 1135-1146.	1.3	28
67	Compounds for expanding the descriptor space for characterizing separation systems. Journal of Chromatography A, 2012, 1266, 124-130.	3.7	22
68	Stationary phases for packed-column supercritical fluid chromatography. Journal of Chromatography A, 2012, 1250, 157-171.	3.7	80
69	Classification and Selection of Open-Tubular Columns for Analytical Separations. , 2012, , 137-159.		4
70	Solvent classification for chromatography and extraction. Journal of Planar Chromatography - Modern TLC, 2012, 25, 190-199.	1.2	35
71	Determination of descriptors for fragrance compounds by gas chromatography and liquidâ€“liquid partition. Journal of Chromatography A, 2012, 1235, 159-165.	3.7	33
72	Quantitative Thin-Layer Chromatography. , 2011, , .		80

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73	Models for liquidâ€“liquid partition in the system formamideâ€“organic solvent and their use for estimating descriptors for organic compounds. Talanta, 2011, 83, 1118-1125.	5.5	21
74	Models for Liquidâ€“Liquid Partition in the System Ethylene Glycolâ€“Organic Solvent and Their Use for Estimating Descriptors for Organic Compounds. Chromatographia, 2011, 73, 941-951.	1.3	28
75	High performance stationary phases for planar chromatography. Journal of Chromatography A, 2011, 1218, 2648-2660.	3.7	48
76	Ionic liquid stationary phases for gas chromatography. Journal of Separation Science, 2011, 34, 888-900.	2.5	201
77	Models for liquidâ€“liquid partition in the system propylene carbonateâ€“organic solvent and their use for estimating descriptors for organic compounds. Journal of Chromatography A, 2011, 1218, 809-816.	3.7	29
78	Foreword. Journal of Chromatography A, 2011, 1218, 2635.	3.7	1
79	Models for liquidâ€“liquid partition in the system dimethyl sulfoxideâ€“organic solvent and their use for estimating descriptors for organic compounds. Journal of Chromatography A, 2011, 1218, 4525-4536.	3.7	21
80	Factors Affecting the Interpretation of Selectivity on Synergi Reversed-Phase Columns. Chromatographia, 2010, 71, 185-193.	1.3	18
81	Model for the partition of neutral compounds between nâ€heptane and formamide. Journal of Separation Science, 2010, 33, 1167-1173.	2.5	23
82	Extraction of organic compounds with room temperature ionic liquids. Journal of Chromatography A, 2010, 1217, 2268-2286.	3.7	434
83	The Mobile Phase in Adsorption and Partition Chromatography. , 2010, , 81-103.		0
84	Foundations of retention in partition chromatography. Journal of Chromatography A, 2009, 1216, 1530-1550.	3.7	94
85	Extension of the system constants database for open-tubular columns: System maps at low and intermediate temperatures for four new columns. Journal of Chromatography A, 2009, 1216, 1640-1649.	3.7	34
86	Determination of solute descriptors by chromatographic methods. Analytica Chimica Acta, 2009, 652, 32-53.	5.4	223
87	Determination of descriptors for semivolatile organosilicon compounds by gas chromatography and non-aqueous liquidâ€“liquid partition. Journal of Chromatography A, 2009, 1216, 7882-7888.	3.7	68
88	The hydrogen bond acidity and other descriptors for oximes. New Journal of Chemistry, 2009, 33, 76-81.	2.8	16
89	Models for the sorption of volatile organic compounds by diesel soot and atmospheric aerosols. Journal of Environmental Monitoring, 2009, 11, 815.	2.1	14
90	The orthogonal character of stationary phases for gas chromatography. Journal of Separation Science, 2008, 31, 1118-1123.	2.5	50

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91	Separation characteristics of wall-coated open-tubular columns for gas chromatography. Journal of Chromatography A, 2008, 1184, 254-280.	3.7	177
92	Quantitative structureâ€“retention (property) relationships in micellar electrokinetic chromatography. Journal of Chromatography A, 2008, 1182, 1-24.	3.7	59
93	Selectivity equivalence of two poly(methylphenylsiloxane) open-tubular columns prepared with different deactivation techniques for gas chromatography. Journal of Chromatography A, 2008, 1185, 305-309.	3.7	22
94	Solute descriptors for characterizing retention properties of open-tubular columns of different selectivity in gas chromatography at intermediate temperatures. Journal of Chromatography A, 2008, 1195, 136-145.	3.7	54
95	System Maps for RP-LC on an Octadecylsiloxane-Bonded Silica Stationary Phase (SunFire C18). Chromatographia, 2008, 68, 11-17.	1.3	30
96	Comparison of the Separation Characteristics of the Organicâ€“Inorganic Hybrid Stationary Phases XBridge C8 and Phenyl and XTerra Phenyl in RP-LC. Chromatographia, 2008, 68, 491-500.	1.3	25
97	Evaluation of the separation characteristics of application-specific (fatty acid methyl esters) open-tubular columns for gas chromatography. Journal of Separation Science, 2007, 30, 740-745.	2.5	17
98	Distribution model for Folch partition. Journal of Separation Science, 2007, 30, 2326-2331.	2.5	19
99	Matrix-induced response enhancement in pesticide residue analysis by gas chromatography. Journal of Chromatography A, 2007, 1158, 241-250.	3.7	217
100	Distribution of neutral organic compounds between n-heptane and fluorine-containing alcohols. Journal of Chromatography A, 2007, 1143, 276-283.	3.7	36
101	Determination of descriptors for organosilicon compounds by gas chromatography and non-aqueous liquidâ€“liquid partitioning. Journal of Chromatography A, 2007, 1169, 179-192.	3.7	108
102	Comparison of the Separation Characteristics of the Organicâ€“Inorganic Hybrid Octadecyl Stationary Phases XTerra MS C18 and XBridge C18 and Shield RP18 in RPLC. Chromatographia, 2007, 66, 453-460.	1.3	23
103	Insights into the retention mechanism on an octadecylsiloxane-bonded silica stationary phase (HyPURITY C18) in reversed-phase liquid chromatography. Journal of Chromatography A, 2006, 1115, 133-141.	3.7	37
104	Evaluation of the separation characteristics of application-specific (pesticides and dioxins) open-tubular columns for gas chromatography. Journal of Chromatography A, 2006, 1128, 228-235.	3.7	19
105	Evaluation of the separation characteristics of application-specific (volatile organic compounds) open-tubular columns for gas chromatography. Journal of Chromatography A, 2006, 1134, 284-290.	3.7	12
106	Revised solute descriptors for characterizing retention properties of open-tubular columns in gas chromatography and their application to a carboraneâ€“siloxane copolymer stationary phase. Journal of Chromatography A, 2006, 1104, 299-312.	3.7	46
107	Model for the distribution of neutral organic compounds between n-hexane and acetonitrile. Journal of Chromatography A, 2006, 1104, 82-90.	3.7	35
108	Separation characteristics of phenyl-containing stationary phases for gas chromatography based on silarylene-siloxane copolymer chemistries. Journal of Separation Science, 2006, 29, 211-217.	2.5	20

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109	Distribution of neutral organic compounds betweenn-heptane and methanol orN,N-dimethylformamide. Journal of Separation Science, 2006, 29, 2158-2165.	2.5	28
110	Applications of Ionic Liquids in Extraction, Chromatography, and Electrophoresis. Advances in Chromatography, 2006, 45, 89-124.	1.0	16
111	System constants for the bis(cyanopropylsiloxane)-co-methylsilarylene HP-88 and poly(siloxane) Rtx-440 stationary phases. Journal of Chromatography A, 2005, 1081, 248-254.	3.7	19
112	Reply to the â€˜Comment on â€œModels for the adsorption of organic compounds at gasâ€“water interfacesâ€â€‰â€™ by K.-U. Goss, H.-P. Arp and C. Roth, JEM, 2005, 7, DOI: 10.1039/b511194c. Journal of Environmental Monitoring, 2005, 7, 1107.	2.1	0
113	Models for the adsorption of organic compounds at gasâ€“water interfaces. Journal of Environmental Monitoring, 2005, 7, 577.	2.1	17
114	Assessment of the selectivity equivalence of DB-608 and DB-624 open-tubular columns for gas chromatography. Journal of Separation Science, 2004, 27, 1333-1338.	2.5	13
115	Chromatographic and Spectroscopic Methods for the Determination of Solvent Properties of Room Temperature Ionic Liquids. ChemInform, 2004, 35, no.	0.0	0
116	Determination of acid dissociation constants by capillary electrophoresis. Journal of Chromatography A, 2004, 1037, 445-454.	3.7	196
117	Evaluation of a structure-driven retention model for temperature-programmed gas chromatography. Journal of Chromatography A, 2004, 1023, 113-121.	3.7	15
118	Chromatographic and spectroscopic methods for the determination of solvent properties of room temperature ionic liquids. Journal of Chromatography A, 2004, 1037, 49-82.	3.7	593
119	Non-specific retention characteristics of dissolved Î²-cyclodextrin derivatives in open tubular column gas chromatography. Journal of Separation Science, 2003, 26, 1111-1118.	2.5	13
120	Separation methods for estimating octanolâ€“water partition coefficients. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2003, 797, 3-19.	2.3	220
121	Thin-layer chromatography: challenges and opportunities. Journal of Chromatography A, 2003, 1000, 963-984.	3.7	184
122	New trends in solid-phase extraction. TrAC - Trends in Analytical Chemistry, 2003, 22, 362-373.	11.4	572
123	System maps for retention of neutral organic compounds under isocratic conditions on a reversed-phase monolithic column. Journal of Chromatography A, 2003, 1003, 113-121.	3.7	29
124	Evaluation of a structure-driven retention model for temperature-programmed gas chromatography. Journal of Chromatography A, 2003, 1023, 113-113.	3.7	0
125	Thin-Layer Chromatography. , 2003, , 499-567.		16
126	Evaluation of a reversed-phase column (Supelcosil LC-ABZ) under isocratic and gradient elution conditions for estimating octanolâ€“water partition coefficients. Analyst, The, 2003, 128, 427-433.	3.5	45

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127	The Column in Liquid Chromatography. , 2003, , 267-429.		4
128	The Column in Gas Chromatography. , 2003, , 79-170.		3
129	Separation of Stereoisomers. , 2003, , 793-845.		1
130	General Concepts in Column Chromatography. , 2003, , 1-78.		11
131	Instrumental Aspects of Liquid Chromatography. , 2003, , 431-497.		1
132	Capillary-Electromigration Separation Techniques. , 2003, , 619-717.		6
133	Supercritical Fluid Chromatography. , 2003, , 569-617.		1
134	Chapter 12 Principles and practice of solid-phase extraction. Comprehensive Analytical Chemistry, 2002, 37, 341-387.	1.3	19
135	Systematic search for surrogate chromatographic models of biopartitioning processes. Analyst, The, 2002, 127, 724-729.	3.5	28
136	Selectivity differences between sol-gel coated and immobilized liquid film open-tubular columns for gas chromatography. Analyst, The, 2002, 127, 1608-1613.	3.5	17
137	Influence of composition and temperature on the selectivity of stationary phases containing either mixtures of poly(ethylene glycol) and poly(dimethylsiloxane) or copolymers of cyanopropylphenylsiloxane and dimethylsiloxane for open-tubular column gas chromatography. Journal of Separation Science, 2002, 25, 749-759.	2.5	23
138	Column selectivity from the perspective of the solvation parameter model. Journal of Chromatography A, 2002, 965, 263-299.	3.7	262
139	Retention characteristics of an immobilized artificial membrane column in reversed-phase liquid chromatography. Journal of Chromatography A, 2002, 946, 107-124.	3.7	64
140	Retention characteristics of porous graphitic carbon in reversed-phase liquid chromatography with methanolâ€“water mobile phases. Analyst, The, 2001, 126, 1318-1325.	3.5	52
141	Selectivity equivalence of poly(dimethyldiphenylsiloxane) stationary phases for open-tubular column gas chromatography. Journal of Separation Science, 2001, 24, 129-135.	2.5	29
142	Selectivity assessment of popular stationary phases for open-tubular column gas chromatography. Journal of Chromatography A, 2001, 912, 107-117.	3.7	39
143	Selectivity assessment of DB-200 and DB-VRX open-tubular capillary columns. Journal of Chromatography A, 2001, 932, 171-177.	3.7	25
144	Selectivity equivalence of poly(dimethyldiphenylsiloxane) stationary phases for open-tubular column gas chromatography. Journal of Separation Science, 2001, 24, 129-135.	2.5	2

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145	Characteristic Stationary Phase Constants for Two Popular Open-Tubular Column Stationary Phases for Gas Chromatography. Journal of High Resolution Chromatography, 2000, 23, 603-608.	1.4	19
146	Practitionerâ€™s guide to method development in thin-layer chromatography. Journal of Chromatography A, 2000, 892, 123-142.	3.7	63
147	Contributions of theory to method development in solid-phase extraction. Journal of Chromatography A, 2000, 885, 17-39.	3.7	201
148	Selectivity equivalence of poly(ethylene glycol) stationary phases for gas chromatography. Journal of Chromatography A, 2000, 898, 211-226.	3.7	46
149	Progress in packed column supercritical fluid chromatography: materials and methods. Journal of Proteomics, 2000, 43, 3-23.	2.4	32
150	Chromatographic methods for the determination of the logL16 solute descriptor. Analyst, The, 2000, 125, 2180-2188.	3.5	51
151	Models for estimating the non-specific toxicity of organic compounds in short-term bioassays. Analyst, The, 2000, 125, 127-132.	3.5	33
152	Classification of stationary phases and other materials by gas chromatography. Journal of Chromatography A, 1999, 842, 79-114.	3.7	351
153	Chromatographic models for the sorption of neutral organic compounds by soil from water and air. Journal of Chromatography A, 1999, 845, 381-400.	3.7	118
154	Planar chromatography at the turn of the century. Journal of Chromatography A, 1999, 856, 399-427.	3.7	130
155	Models for estimating the non-specific aquatic toxicity of organic compounds. Analytical Communications, 1999, 36, 235-242.	2.2	53
156	Solvation characteristics of pressurized hot water and its use in chromatography. Analytical Communications, 1999, 36, 71-75.	2.2	63
157	Conjoint prediction of the retention of neutral and ionic compounds (phenols) in reversed-phase liquid chromatography using the solvation parameter model. Analytica Chimica Acta, 1998, 368, 129-140.	5.4	66
158	Structure-driven retention model for solvent selection and optimization in reversed-phase thin-layer chromatography. Journal of Chromatography A, 1998, 802, 335-347.	3.7	32
159	Comparison of solute descriptors for predicting retention of ionic compounds (phenols) in reversed-phase liquid chromatography using the solvation parameter model. Journal of Chromatography A, 1998, 829, 29-40.	3.7	77
160	Recommendations for the determination of selectivity in micellar electrokinetic chromatography. Journal of Chromatography A, 1998, 798, 207-222.	3.7	129
161	Synthesis and gas chromatographic evaluation of a high-temperature hydrogen-bond acid stationary phase. Journal of Chromatography A, 1998, 805, 217-235.	3.7	75
162	A General Model for the Optimization of Sample Processing Conditions by Solid-Phase Extraction Applied to the Isolation of Estrogens from Urine. Journal of High Resolution Chromatography, 1998, 21, 481-490.	1.4	31

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163	Influence of solute size and site-specific surface interactions on the prediction of retention in liquid chromatography using the solvation parameter model. Analyst, The, 1998, 123, 1265-1270.	3.5	42
164	Sorption characteristics of a wide pore, butylsiloxane-bonded silica sorbent for solid-phase extraction. Analytical Communications, 1998, 35, 147-152.	2.2	17
165	Mixture-design approach to retention prediction using the solvation parameter model and ternary solvent systems in reversed-phase liquid chromatography. Analytical Communications, 1998, 35, 253-256.	2.2	22
166	Extraction of Thiabendazole and Carbendazim from Foods Using Pressurized Hot (Subcritical) Water for Extraction:Â A Feasibility Study. Journal of Agricultural and Food Chemistry, 1998, 46, 3124-3132.	5.2	48
167	Structure-driven Retention Optimization Model for Reversed Phase Thin-layer Chromatography. Analytical Communications, 1997, 34, 195-198.	2.2	14
168	Influence of Composition on the Selectivity of a Mixed-micellar Buffer in Micellar Electrokinetic Chromatography. Analytical Communications, 1997, 34, 57-62.	2.2	39
169	Characterization of Surfactant Selectivity in Micellar Electrokinetic Chromatography. Analyst, The, 1997, 122, 267-274.	3.5	88
170	Retention of Neutral Organic Compounds From Solution on Carbon Adsorbents. Analytical Communications, 1997, 34, 247-251.	2.2	44
171	Determination of kinetic and retention properties of cartridge and disk devices for solid-phase extraction. Biomedical Applications, 1997, 689, 245-259.	1.7	60
172	Variation of selectivity with composition for a mixed-micellar buffer in micellar electrokinetic chromatography. Journal of High Resolution Chromatography, 1997, 20, 174-178.	1.4	27
173	Matrix-induced peak enhancement of pesticides in gas chromatogrtaphy: Is there a solution?. Journal of High Resolution Chromatography, 1997, 20, 375-378.	1.4	117
174	HYDROGEN BONDING. 42. CHARACTERIZATION OF REVERSED-PHASE HIGH-PERFORMANCE LIQUID CHROMATOGRAPHIC C18 STATIONARY PHASES. Journal of Physical Organic Chemistry, 1997, 10, 358-368.	1.9	173
175	Interphase model for retention and selectivity in micellar electrokinetic chromatography. Journal of Chromatography A, 1997, 792, 89-104.	3.7	69
176	Retention properties of a spacer-bonded propanediol sorbent for reversed-phase liquid chromatography and solid-phase extraction. Analyst, The, 1996, 121, 511.	3.5	56
177	Sorption properties of styreneâ€“divinylbenzene macroreticular porous polymers. Analytical Communications, 1996, 33, 353-356.	2.2	23
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