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Solvophobic interactions in liquid chromatography with nonpolar stationary phases

DOI: 10.1016/s0021-9673(00)93816-0 Journal of Chromatography A, 1976, 125, 129-156.

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| 1143 | Liquid chromatography of ionogenic substances with nonpolar stationary phases. <b>1977</b> , 49, 142-154  |     | 565       |
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| 995  | Reversed-Phase High Performance Liquid Chromatography of Carbon Dioxide. <b>1982</b> , 5, 2179-2191   |        | 1           |
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| 993  | Comparison of stationary phase formation in RP- for methanol-water systems. <i>Journal of Chromatography A</i> , <b>1982</b> , 241, 257-268   | 4.5    | 101         |
| 992  | Retention of Ionized Solutes in Reversed-Phase High Performance Liquid Chromatography. <b>1982</b> , 5, 12  | 95-131 | <b>2</b> 19 |
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| 983  | Hydrophobic properties of model compounds with peptide-like chemical environment: N-acetyl-N?-methyl-amino acid amides. <b>1982</b> , 38, 655-657   |        | 6           |

| 982 | Optimized separation of benzoic and sorbic acid as preservatives in foodstuffs by reversed-phase HPLC. <b>1982</b> , 5, 158-160   |     | 9   |
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| <ul><li>954</li><li>953</li></ul>                                     | Generation and comparison of space-filling molecular models. <b>1983</b> , 7, 175-181  Rapid quantitation of ultraviolet-induced thymine-containing dimers in human cell DNA by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>1983</b> , 280, 99-Movement of components in reversed-phase chromatography. <i>Journal of Chromatography A</i> , <b>1983</b> ,   |                                  | 30<br>57                   |
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## (1985-1985)

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| 720 | Isolation and characterization of three positional isomers of diglucosylcyclomaltoheptaose. <b>1990</b> , 201, 125-34   |     | 8  |
| 719 | The retention equation in reversed-phase ion-pair chromatography. <b>1990</b> , 102, 35-53  |     | 16 |
| 718 | Optimization of conditions for the simultaneous separation of ten tryptophan metabolites using reversed-phase high-performance liquid chromatography. <b>1990</b> , 534, 13-21  |     | 7  |
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| 716 | Possibilities of determination and prediction of solute capacity factors in reversed-phase systems with pure water as the mobile phase. <i>Journal of Chromatography A</i> , <b>1990</b> , 500, 281-299   | 4.5 | 46 |
| 715 | Preface. Journal of Chromatography A, <b>1990</b> , 499, 1-3  | 4.5 |    |
| 714 | New latex-bonded pellicular anion exchangers with multi-phase selectivity for high-performance chromatographic separations. <i>Journal of Chromatography A</i> , <b>1990</b> , 499, 249-266   | 4.5 | 49 |
| 713 | Study of partition models in reversed-phase liquid chromatography based on measured mobile phase solute activity coefficients. <i>Journal of Chromatography A</i> , <b>1990</b> , 499, 373-393  | 4.5 | 52 |

| 712                      | Solvatochromic hydrogen bond donor acidity of aqueous binary solvent mixtures for reversed-phase liquid. <i>Journal of Chromatography A</i> , <b>1990</b> , 513, 107-116   | 4.5           | 66                |
|--------------------------|--|---------------|-------------------|
| 711                      | Isolation, identification and separation of isomeric truxillines in illicit cocaine. <i>Journal of Chromatography A</i> , <b>1990</b> , 504, 391-401   | 4.5           | 31                |
| 710                      | Silanol effects in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , <b>1990</b> , 506, 97-1  | <b>08</b> 4.5 | 25                |
| 709                      | Effects of molecular structure on parameters a, b and c in the fundamental retention equation. <i>Journal of Chromatography A</i> , <b>1990</b> , 509, 171-187   | 4.5           | 17                |
| 708                      | Preparation and comparison of a pentafluorophenyl stationary phase for reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , <b>1990</b> , 511, 79-88   | 4.5           | 23                |
| 707                      | Isocratic hydrophobi interaction chromatography of dansyl amino acids. <i>Journal of Chromatography A</i> , <b>1990</b> , 511, 123-130   | 4.5           | 8                 |
| 706                      | Separation of phenylamine- and naphthylaminesulphonic acids by reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , <b>1990</b> , 523, 247-255  | 4.5           | 14                |
| 705                      | Chromatographic behaviour of cyclodextrin complexes of nucleotides, nucleosides and their bases. <i>Journal of Chromatography A</i> , <b>1990</b> , 523, 293-9   | 4.5           | 20                |
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|                          |  |               |                   |
| 703                      | Chapter 6 Ion-Interaction Chromatography. <b>1990</b> , 165-193  |               | 4                 |
| 703<br>702               | Chapter 6 Ion-Interaction Chromatography. 1990, 165-193  Benzene and naphthalene sorption on soil contaminated with high molecular weight residual hydrocarbons from unleaded gasoline. 1990, 21, 975-989  |               | 14                |
|                          | Benzene and naphthalene sorption on soil contaminated with high molecular weight residual  |               |                   |
| 702                      | Benzene and naphthalene sorption on soil contaminated with high molecular weight residual hydrocarbons from unleaded gasoline. <b>1990</b> , 21, 975-989  Relationship between the hydrophobic and hydrophilic molecular parameters of some synthetic nucleosides, determined by means of adsorptive and reversed-phase thin-layer chromatography.   |               | 14                |
| 702                      | Benzene and naphthalene sorption on soil contaminated with high molecular weight residual hydrocarbons from unleaded gasoline. <b>1990</b> , 21, 975-989  Relationship between the hydrophobic and hydrophilic molecular parameters of some synthetic nucleosides, determined by means of adsorptive and reversed-phase thin-layer chromatography. <b>1990</b> , 20, 81-95   |               | 14                |
| 702<br>701<br>700        | Benzene and naphthalene sorption on soil contaminated with high molecular weight residual hydrocarbons from unleaded gasoline. <b>1990</b> , 21, 975-989  Relationship between the hydrophobic and hydrophilic molecular parameters of some synthetic nucleosides, determined by means of adsorptive and reversed-phase thin-layer chromatography. <b>1990</b> , 20, 81-95  THE COLUMN IN LIQUID CHROMATOGRAPHY. <b>1991</b> , 311-544  Differential scanning calorimetry to study the possible ternary complex formation between  |               | 14<br>6<br>3      |
| 702<br>701<br>700        | Benzene and naphthalene sorption on soil contaminated with high molecular weight residual hydrocarbons from unleaded gasoline. 1990, 21, 975-989  Relationship between the hydrophobic and hydrophilic molecular parameters of some synthetic nucleosides, determined by means of adsorptive and reversed-phase thin-layer chromatography. 1990, 20, 81-95  THE COLUMN IN LIQUID CHROMATOGRAPHY. 1991, 311-544  Differential scanning calorimetry to study the possible ternary complex formation between chlorhexidine, phosphatidylcholine and some nonionic tenzides. 1991, 23, 31-43   | 4.5           | 14<br>6<br>3      |
| 702<br>701<br>700<br>699 | Benzene and naphthalene sorption on soil contaminated with high molecular weight residual hydrocarbons from unleaded gasoline. 1990, 21, 975-989  Relationship between the hydrophobic and hydrophilic molecular parameters of some synthetic nucleosides, determined by means of adsorptive and reversed-phase thin-layer chromatography. 1990, 20, 81-95  THE COLUMN IN LIQUID CHROMATOGRAPHY. 1991, 311-544  Differential scanning calorimetry to study the possible ternary complex formation between chlorhexidine, phosphatidylcholine and some nonionic tenzides. 1991, 23, 31-43  Chapter 8 Nucleotides. 1991, 191-208  Hydrophobicity of beta-lactam antibiotics. Explanation and prediction of their behaviour in various partitioning solvent systems and reversed-phase chromatography. <i>Journal of Chromatography A</i> , |               | 14<br>6<br>3<br>3 |

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| Effect of organic modifier concentration on retention in reversed-phase ion-pair liquid chromatography. <i>Journal of Chromatography A</i> , <b>1991</b> , 545, 59-69   | 4.5   | 30   |  |
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| Correlation analysis in liquid chromatography of metal chelates. <i>Journal of Chromatography A</i> , <b>1991</b> , 555, 163-171  | 4.5   | 4  |  |
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Journal of Chromatography A, 1991, 552, 91-102  New approach to determining dead-time of microcolumns packed with cyclodextrin in supercritical fluid chromatography A, 1991, 31, 193-205  Linfluence of complexation by metal cations on solvophobic retention of crown compounds in reverse-phase high-performance liquid chromatography A, 1991, 31, 193-205  Linfluence of complexation by metal cations on solvophobic retention of crown compounds in reverse-phase high-performance liquid chromatography A, 1991, 31, 193-205  Linfluence of complexation by metal cations on solvophobic retention of crown compounds in reverse-phase high-performance liquid chromatography A, 1991, 547, 161-166  Characterization of polyethylene glycol and derivatives by high-performance liquid chromatography A, 1991, 547, 161-166  Characteriz | Retention prediction for polymer additives in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 1991, 550, 325-334  Dependence of retention on the organic modifier concentration and multicomponent adsorption behavior in reversed-phase chromatography. <i>Journal of Chromatography A</i> , 1991, 550, 411-24  High-performance liquid chromatography of amino acids, peptides and proteins. <i>Journal of Chromatography A</i> , 1991, 548, 105-116  Effect of organic modifier concentration on retention in reversed-phase ion-pair liquid chromatography. <i>Journal of Chromatography A</i> , 1991, 537, 33-49  Molecular interactions in liquid chromatography. <i>Journal of Chromatography A</i> , 1991, 537, 33-49  High-performance liquid chromatography of amino acids, peptides and proteins. <i>Journal of Chromatography A</i> , 1991, 536, 165-183  Application of the UNIFAC method for assessment of retention in reversed-phase liquid chromatography <i>A</i> , 1991, 536, 165-183  Anomalous retention behaviour of some synthetic nucleosides on aluminium oxide layers. <i>Journal of Chromatography A</i> , 1991, 532, 257-275  Anomalous retention and selectivity in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 1991, 532, 91-102  New approach to determining dead-time of microcolumns packed with cyclodextrin in supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 1991, 532, 91-102  New approach to determining dead-time of microcolumns packed with cyclodextrin in supercritical fluid chromatography. <i>Journal of Chromatography A</i> , 1991, 31, 193-205  Influence of complexation by metal cations on solvophobic retention of crown compounds in reverse-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1991, 535, 163-171  Analysis of polyethylene glycol and derivatives by high-performance liquid chromatography and antitumour activity of some pyrimidine bases and nucleosides. <i>Journal of Chromatography A</i> , 1991, 547, 161-166  Estimation of critical micelle concentrations of bite acids by reversed-phase high perfo |

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| 648<br>647<br>646        | Retention characteristics of a Ecyclodextrin polymer-coated liquid chromatographic column. 1993, 279, 107-113  Preparation, isolation, and characterization of novel heterogeneous branched cyclomalto-oligosaccharides having beta-D-galactosyl residue(s) on the side chain. 1993, 238, 75-91  High-performance liquid chromatography of amino acids, peptides and proteins. CXXVIII. Effect of D-amino acid substitutions on the reversed-phase high-performance liquid chromatography retention behaviour of neuropeptide Y[18-36] analogues. <i>Journal of Chromatography A</i> , 1993, 646, 53  Thin-layer chromatography on silica gel of a homologous series of bis(alkylxanthato)nickel(II)  | 4·5<br>:- <b>65</b>       | 17<br>32<br>40      |
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| 636 | Solvatochromically based solvent-selectivity triangle. <i>Journal of Chromatography A</i> , <b>1993</b> , 656, 537-547   | 4.5 | 120 |
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