

Elisabeth Bosch

List of Publications by Year in descending order

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175
papers

7,649
citations

41344

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64796

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times ranked

5287
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular characteristics of several drugs evaluated from solvent/water partition measurements: Solvation parameters and intramolecular hydrogen bond indicator. <i>European Journal of Pharmaceutical Sciences</i> , 2022, 168, 106066.	4.0	7
2	Ionizable Drug Self-Associations and the Solubility Dependence on pH: Detection of Aggregates in Saturated Solutions Using Mass Spectrometry (ESI-Q-TOF-MS/MS). <i>Molecular Pharmaceutics</i> , 2021, 18, 2311-2321.	4.6	9
3	Ionic equilibria in aqueous organic solvent mixtures. Speciation of hydrofluoric acid in several ethanol/water solutions. <i>Journal of Electroanalytical Chemistry</i> , 2019, 848, 113318.	3.8	0
4	Molecular interactions between warfarin and human (HSA) or bovine (BSA) serum albumin evaluated by isothermal titration calorimetry (ITC), fluorescence spectrometry (FS) and frontal analysis capillary electrophoresis (FA/CE). <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 452-459.	2.8	72
5	Effect of vinylpyrrolidone polymers on the solubility and supersaturation of drugs; a study using the Cheqsol method. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 227-235.	4.0	18
6	Critical comparison of shake-flask, potentiometric and chromatographic methods for lipophilicity evaluation ($\log P_{o/w}$) of neutral, acidic, basic, amphoteric, and zwitterionic drugs. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 122, 331-340.	4.0	21
7	Lipophilicity of amphoteric and zwitterionic compounds: A comparative study of determination methods. <i>Talanta</i> , 2017, 162, 293-299.	5.5	20
8	Equilibrium solubility measurement of ionizable drugs – consensus recommendations for improving data quality. <i>ADMET and DMPK</i> , 2016, 4, 117.	2.1	78
9	The Ca^{2+} -EDTA chelation as standard reaction to validate Isothermal Titration Calorimeter measurements (ITC). <i>Talanta</i> , 2016, 154, 354-359.	5.5	22
10	Phenothiazines solution complexity – Determination of pKa and solubility-pH profiles exhibiting sub-micellar aggregation at 25 and 37°C. <i>European Journal of Pharmaceutical Sciences</i> , 2016, 93, 163-176.	4.0	15
11	Binding thermodynamics of paromomycin, neomycin, neomycin-dinucleotide and diPNA conjugates to bacterial and human rRNA. <i>Journal of Molecular Recognition</i> , 2016, 29, 142-150.	2.1	3
12	High-throughput $\log P_{o/w}$ determination from UHPLC measurements: Revisiting the chromatographic hydrophobicity index. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 127, 26-31.	2.8	9
13	Setup and validation of shake-flask procedures for the determination of partition coefficients ($\log D$) from low drug amounts. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 76, 181-191.	4.0	139
14	Prediction of the chromatographic retention of acid-base compounds in pH buffered methanol-water mobile phases in gradient mode by a simplified model. <i>Journal of Chromatography A</i> , 2015, 1385, 42-48.	3.7	9
15	Molecular Details of 10^6 Binding to wt KatG and Its S315T Mutant. <i>Molecular Pharmaceutics</i> , 2015, 12, 898-909.	4.6	12
16	Gradient retention prediction of acid-base analytes in reversed phase liquid chromatography: A simplified approach for acetonitrile-water mobile phases. <i>Journal of Chromatography A</i> , 2014, 1370, 129-134.	3.7	9
17	Molecular interactions between some non-steroidal anti-inflammatory drugs (NSAIDs) and bovine (BSA) or human (HSA) serum albumin estimated by means of isothermal titration calorimetry (ITC) and frontal analysis capillary electrophoresis (FA/CE). <i>Talanta</i> , 2014, 130, 241-250.	5.5	59
18	Evaluation of $\log P_{o/w}$ values of drugs from some molecular structure calculation softwares. <i>ADMET and DMPK</i> , 2014, 2, .	2.1	17

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19	The contribution of the hydrogen bond acidity on the lipophilicity of drugs estimated from chromatographic measurements. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 484-493.	4.0	16
20	Solubility-pH profiles of some acidic, basic and amphoteric drugs. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 48, 291-300.	4.0	54
21	Acidity and Hydrophobicity of Several New Potential Antitubercular Drugs: Isoniazid and Benzimidazole Derivatives. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 330-338.	1.9	43
22	Chromatographic models to predict the elution of ionizable analytes by organic modifier gradient in reversed phase liquid chromatography. <i>Journal of Chromatography A</i> , 2012, 1247, 71-80.	3.7	17
23	Extension of the liquid chromatography/quantitative structure-property relationship method to assess the lipophilicity of neutral, acidic, basic and amphoteric drugs. <i>Journal of Chromatography A</i> , 2012, 1240, 113-122.	3.7	22
24	Chromatographic Hydrophobicity Index (CHI). <i>Advances in Chromatography</i> , 2012, 50, 377-414.	1.0	6
25	Isothermal titration calorimetry of Ni(II) binding to histidine and to N-2-aminoethylglycine. <i>Talanta</i> , 2011, 84, 347-354.	5.5	6
26	Lipophilicity assessment of basic drugs (logPo/w determination) by a chromatographic method. <i>Journal of Chromatography A</i> , 2011, 1218, 6356-6368.	3.7	29
27	Simultaneous effect of pH, temperature and mobile phase composition in the chromatographic retention of ionizable compounds. <i>Journal of Chromatography A</i> , 2011, 1218, 4995-5009.	3.7	26
28	Determination of the hydrophobicity of organic compounds measured as logPo/w through a new chromatographic method. <i>Journal of Chromatography A</i> , 2010, 1217, 3026-3037.	3.7	33
29	Acid-Base Dissociation Constants of <i>o</i> -Phthalic Acid in Acetonitrile/Water Mixtures over the (15 to 50) °C Temperature Range and Related Thermodynamic Quantities. <i>Journal of Chemical & Engineering Data</i> , 2010, 55, 85-91.	1.9	12
30	A Fast Method for p <i>K</i> _a Determination by Capillary Electrophoresis. <i>Chemistry and Biodiversity</i> , 2009, 6, 1822-1827.	2.1	17
31	Kinetic and Thermodynamic Solubility Values of Some Bioactive Compounds. <i>Chemistry and Biodiversity</i> , 2009, 6, 1789-1795.	2.1	6
32	Enthalpies and constants of dissociation of several neutral and cationic acids in aqueous and methanol/water solutions at various temperatures. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2009, 49, 923-930.	2.8	15
33	Retention models for ionizable compounds in reversed-phase liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 1756-1775.	3.7	62
34	Fast high-throughput method for the determination of acidity constants by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2009, 1216, 3646-3651.	3.7	39
35	Retention of ionisable compounds on high-performance liquid chromatography XVIII: pH variation in mobile phases containing formic acid, piperazine, tris, boric acid or carbonate as buffering systems and acetonitrile as organic modifier. <i>Journal of Chromatography A</i> , 2009, 1216, 2491-2498.	3.7	22
36	Prediction of retention in reversed-phase liquid chromatography by means of the polarity parameter model. <i>Journal of Chromatography A</i> , 2009, 1216, 5214-5227.	3.7	22

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37	Retention of ionisable compounds on high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 5445-5448.	3.7	10
38	Erratum to "Solvent interactions in micellar electrokinetic chromatography. III. Characterization of the selectivity of micellar electrokinetic chromatography systems". <i>J. Chromatogr. A</i> 942 (2002) 237-248]. <i>Journal of Chromatography A</i> , 2009, 1216, 6877-6879.	3.7	7
39	Chromatographic hydrophobicity index: pH profile for polyprotic compounds. <i>Journal of Chromatography A</i> , 2009, 1216, 7798-7805.	3.7	8
40	Modeling the Retention of Neutral Compounds in Gradient Elution RP-HPLC by Means of Polarity Parameter Models. <i>Analytical Chemistry</i> , 2009, 81, 9135-9145.	6.5	28
41	Acidity of Several Anilinium Derivatives in Pure Tetrahydrofuran. <i>Journal of Solution Chemistry</i> , 2008, 37, 689-700.	1.2	18
42	Effect of temperature on the chromatographic retention of ionizable compounds. III. Modeling retention of pharmaceuticals as a function of eluent pH and column temperature in RPLC. <i>Journal of Separation Science</i> , 2008, 31, 969-980.	2.5	14
43	Application of a polarity parameter model to the separation of fat-soluble vitamins by reversed-phase HPLC. <i>Journal of Separation Science</i> , 2008, 31, 3170-3181.	2.5	4
44	Critical evaluation of buffering solutions for pK_a determination by capillary electrophoresis. <i>Electrophoresis</i> , 2008, 29, 2841-2851.	2.4	54
45	Potentiometric determination of aqueous dissociation constants of flavonols sparingly soluble in water. <i>Talanta</i> , 2008, 74, 1008-1013.	5.5	54
46	Acidity of several polyprotic acids, amiodarone and quetiapine hemifumarate in pure methanol. <i>Talanta</i> , 2007, 73, 115-120.	5.5	13
47	Static Dielectric Constants of Acetonitrile/Water Mixtures at Different Temperatures and Debye-Hückel Parameters for Activity Coefficients. <i>Journal of Chemical & Engineering Data</i> , 2007, 52, 1103-1107.	1.9	139
48	Conversion Parameter between pH Scales (and) in Acetonitrile/Water Mixtures at Various Compositions and Temperatures. <i>Analytical Chemistry</i> , 2007, 79, 3180-3187.	6.5	74
49	On the Effect of Organic Solvent Composition on the pH of Buffered HPLC Mobile Phases and the pK_a of Analytes. A Review. <i>Separation and Purification Reviews</i> , 2007, 36, 231-255.	5.5	104
50	Physicochemical Properties of a New Multicomponent Cosolvent System for the pK_a Determination of Poorly Soluble Pharmaceutical Compounds. <i>Helvetica Chimica Acta</i> , 2007, 90, 1538-1553.	1.6	21
51	Determination of flavonoid aglycones in several food samples by mixed micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 2007, 30, 2493-2500.	2.5	28
52	Retention of ionisable compounds on high-performance liquid chromatography XVII. <i>Journal of Chromatography A</i> , 2007, 1138, 203-215.	3.7	35
53	Determination of the chromatographic hydrophobicity index for ionisable solutes. <i>Journal of Chromatography A</i> , 2007, 1173, 110-119.	3.7	18
54	Potentiometric and spectrophotometric pK_a determination of water-insoluble compounds: Validation study in a new cosolvent system. <i>Analytica Chimica Acta</i> , 2007, 583, 418-428.	5.4	141

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55	Acid-Base Equilibria in Nonpolar Media. Absolute pKa Scale of Bases in Tetrahydrofuran. Journal of Organic Chemistry, 2006, 71, 9062-9067.	3.2	76
56	Modeling Retention and Selectivity as a Function of pH and Column Temperature in Liquid Chromatography. Analytical Chemistry, 2006, 78, 5858-5867.	6.5	23
57	Polarity parameters of the Symmetry C18 and Chromolith Performance RP-18 monolithic chromatographic columns. Journal of Chromatography A, 2006, 1107, 96-103.	3.7	22
58	Retention of ionisable compounds on high-performance liquid chromatography. Journal of Chromatography A, 2006, 1121, 170-177.	3.7	31
59	Background electrolytes in 50% methanol/water for the determination of acidity constants of basic drugs by capillary zone electrophoresis. Journal of Chromatography A, 2006, 1123, 113-120.	3.7	27
60	Acidity constants in methanol/water mixtures of polycarboxylic acids used in drug salt preparations. European Journal of Pharmaceutical Sciences, 2006, 28, 118-127.	4.0	39
61	Selectivity of single, mixed, and modified pseudostationary phases in electrokinetic chromatography. Electrophoresis, 2006, 27, 1900-1914.	2.4	51
62	Effect of temperature on the chromatographic retention of ionizable compounds. Journal of Chromatography A, 2005, 1077, 159-169.	3.7	30
63	Critical micelle concentration of surfactants in aqueous buffered and unbuffered systems. Analytica Chimica Acta, 2005, 548, 95-100.	5.4	317
64	Critical validation of a new simpler approach to estimate aqueous pKa of drugs sparingly soluble in water. Analytica Chimica Acta, 2005, 550, 210-221.	5.4	34
65	Considerations on the modelling and optimisation of resolution of ionisable compounds in extended pH-range columns. Journal of Chromatography A, 2005, 1089, 170-186.	3.7	41
66	Determination of dissociation constants of flavonoids by capillary electrophoresis. Electrophoresis, 2005, 26, 1886-1895.	2.4	194
67	Hydrophobic and cation exchange mechanisms in the retention of basic compounds in a polymeric column. Journal of Chromatography A, 2004, 1028, 139-148.	3.7	13
68	Characterization of the acidity of residual silanol groups in microparticulate and monolithic reversed-phase columns. Journal of Chromatography A, 2004, 1060, 135-145.	3.7	29
69	Effect of temperature on the chromatographic retention of ionizable compounds. Journal of Chromatography A, 2004, 1042, 23-36.	3.7	47
70	Retention of ionisable compounds on high-performance liquid chromatography. Journal of Chromatography A, 2004, 1059, 33-42.	3.7	40
71	Analysis of a solute polarity parameter in reversed-phase liquid chromatography on a linear solvation relationship basis. Analytica Chimica Acta, 2004, 515, 209-227.	5.4	56
72	A QSPR Study of the Solute Polarity Parameter to Estimate Retention in HPLC. Journal of Chemical Information and Computer Sciences, 2003, 43, 1240-1247.	2.8	38

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73	Mixed micellar electrokinetic capillary chromatography separation of depolymerized grape procyanidins. <i>Electrophoresis</i> , 2003, 24, 707-713.	2.4	17
74	Micellar electrokinetic chromatography estimation of size and composition of procyanidins after thiolysis with cysteine. <i>Electrophoresis</i> , 2003, 24, 1404-1410.	2.4	21
75	A potentially simpler approach to measure aqueous pKa of insoluble basic drugs containing amino groups. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 1473-1481.	3.3	44
76	A QSPR Study of the ρ Solute Polarity Parameter to Estimate Retention of HPLC.. <i>ChemInform</i> , 2003, 34, no.	0.0	0
77	Comparison of the acidity of residual silanol groups in several liquid chromatography columns. <i>Journal of Chromatography A</i> , 2003, 986, 33-44.	3.7	196
78	Effect of temperature on pH measurements and acid-base equilibria in methanol-water mixtures. <i>Journal of Chromatography A</i> , 2003, 1002, 41-53.	3.7	59
79	Characterization of the Solvation Properties of Sodium-Dodecyl Sulfate Micelles in Buffered and Unbuffered Aqueous Phases by Solvatochromic Indicators. <i>Langmuir</i> , 2003, 19, 55-62.	3.5	36
80	Solute-Solvent Interactions in Micellar Electrokinetic Chromatography. 6. Optimization of the Selectivity of Lithium Dodecyl Sulfate-Lithium Perfluorooctanesulfonate Mixed Micellar Buffers. <i>Analytical Chemistry</i> , 2002, 74, 4447-4455.	6.5	20
81	Retention of Ionizable Compounds on HPLC. 12. The Properties of Liquid Chromatography Buffers in Acetonitrile-Water Mobile Phases That Influence HPLC Retention. <i>Analytical Chemistry</i> , 2002, 74, 3809-3818.	6.5	85
82	Solute-solvent interactions in micellar electrokinetic chromatography: IV. Characterization of electroosmotic flow and micellar markers. <i>Electrophoresis</i> , 2002, 23, 56.	2.4	45
83	Solute-solvent interactions in micellar electrokinetic chromatography: V. Factors that produce peak splitting. <i>Electrophoresis</i> , 2002, 23, 2408-2416.	2.4	18
84	Chromatographic Determination of Aqueous Dissociation Constants of Some Water-Insoluble Nonsteroidal Antiinflammatory Drugs. <i>Journal of Pharmaceutical Sciences</i> , 2002, 91, 991-999.	3.3	40
85	Retention of ionizable compounds on HPLC. Modelling retention for neutral and ionizable compounds by linear solvation energy relationships. <i>Chromatographia</i> , 2002, 56, 431-437.	1.3	7
86	Retention of ionizable compounds on HPLC. Modelling retention in reversed-phase liquid chromatography as a function of pH and solvent composition with methanol-water mobile phases. <i>Chromatographia</i> , 2002, 55, 565-571.	1.3	27
87	Change of mobile phase pH during gradient reversed-phase chromatography with 2,2,2-trifluoroethanol-water as mobile phase and its effect on the chromatographic hydrophobicity index determination. <i>Journal of Chromatography A</i> , 2002, 954, 77-87.	3.7	24
88	Acid-base constants of neutral bases in acetonitrile-water mixtures. <i>Analytica Chimica Acta</i> , 2002, 454, 157-166.	5.4	45
89	Prediction of the separation of phenols by capillary zone electrophoresis. <i>Analytica Chimica Acta</i> , 2002, 458, 355-366.	5.4	28
90	Solute-solvent interactions in micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2002, 942, 237-248.	3.7	85

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91	Retention of ionizable compounds on high-performance liquid chromatography. Journal of Chromatography A, 2002, 945, 83-96.	3.7	52
92	Retention of ionizable compounds in high-performance liquid chromatography. Journal of Chromatography A, 2002, 947, 47-58.	3.7	65
93	Prediction of the retention in reversed-phase liquid chromatography using solute's mobile phase's stationary phase polarity parameters. Journal of Chromatography A, 2002, 955, 19-34.	3.7	66
94	Retention of ionizable compounds in high-performance liquid chromatography. Journal of Chromatography A, 2002, 964, 55-66.	3.7	115
95	Influence of mobile phase acid-base equilibria on the chromatographic behaviour of protolytic compounds. Journal of Chromatography A, 2002, 982, 1-30.	3.7	144
96	Acidity in methanol-water. Analytica Chimica Acta, 2001, 439, 315-333.	5.4	141
97	Unique selectivity of perfluorinated stationary phases with 2,2,2-trifluoroethanol as organic mobile phase modifier. Journal of Chromatography A, 2001, 933, 73-81.	3.7	54
98	Solute-solvent interactions in micellar electrokinetic chromatography. Journal of Chromatography A, 2001, 907, 257-265.	3.7	33
99	Retention of ionizable compounds on high-performance liquid chromatography. Journal of Chromatography A, 2001, 910, 187-194.	3.7	24
100	Retention of ionizable compounds on HPLC. 6. pH measurements with the glass electrode in methanol-water mixtures. Journal of Chromatography A, 2001, 911, 191-202.	3.7	91
101	Retention of Ionizable Compounds on HPLC. 8. Influence of Mobile-Phase pH Change on the Chromatographic Retention of Acids and Bases during Gradient Elution. Analytical Chemistry, 2001, 73, 4937-4945.	6.5	80
102	Interpretive optimisation strategy applied to the isocratic separation of phenols by reversed-phase liquid chromatography with acetonitrile-water and methanol-water mobile phases. Journal of Chromatography A, 2000, 886, 31-46.	3.7	46
103	Dissociation constants of phenols in methanol-water mixtures. Journal of Chromatography A, 2000, 867, 45-56.	3.7	63
104	Inorganic salts as hold-up time markers in C18 columns. Talanta, 2000, 53, 667-677.	5.5	34
105	Retention of Ionizable Compounds on HPLC. 4. Mobile-Phase pH Measurement in Methanol/Water. Analytical Chemistry, 2000, 72, 1802-1809.	6.5	162
106	Retention of Ionizable Compounds on HPLC. 5. pH Scales and the Retention of Acids and Bases with Acetonitrile-Water Mobile Phases. Analytical Chemistry, 2000, 72, 5193-5200.	6.5	166
107	Solute-solvent interactions in normal-phase liquid chromatography: a linear free-energy relationships study. Analytica Chimica Acta, 1999, 382, 301-308.	5.4	62
108	Solute-solvent interactions in micellar electrokinetic chromatography. Journal of Chromatography A, 1999, 845, 217-226.	3.7	63

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109	Hammett-Taft and Drago models in the prediction of acidity constant values of neutral and cationic acids in methanol. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1999, , 1953-1958.	0.9	43
110	Dissociation constants of neutral and charged acids in methyl alcohol. The acid strength resolution. <i>Analytica Chimica Acta</i> , 1998, 374, 309-324.	5.4	223
111	Retention of ionizable compounds on high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1998, 824, 137-146.	3.7	93
112	Solute-solvent and solvent-solvent interactions in binary solvent mixtures. Part 7. Comparison of the enhancement of the water structure in alcohol-water mixtures measured by solvatochromic indicators. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 185-192.	1.9	199
113	Empirical treatment of solvent-solute interactions: medium effects on the electronic absorption spectrum of β -carotene. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 193-200.	1.9	21
114	The determination of solvation descriptors for terpenes, and the prediction of nasal pungency thresholds. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1998, , 2405-2412.	0.9	31
115	Solute-solvent and solvent-solvent interactions in binary solvent mixtures. Part 7. Comparison of the enhancement of the water structure in alcohol-water mixtures measured by solvatochromic indicators. <i>Journal of Physical Organic Chemistry</i> , 1998, 11, 185-192.	1.9	3
116	Solute-solvent and solvent-solvent interactions in binary solvent mixtures. Part 6. A quantitative measurement of the enhancement of the water structure in 2-methylpropan-2-ol-water and propan-2-ol-water mixtures by solvatochromic indicators. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 1341-1348.	0.9	97
117	Solute-solvent and solvent-solvent interactions in binary solvent mixtures. Part 5. Preferential solvation of solvatochromic indicators in mixtures of propan-2-ol with hexane, benzene, ethanol and methanol. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1997, , 243-248.	0.9	50
118	Ionic equilibria in aqueous organic solvent mixtures The equilibria of HF in an ethanol + water mixture used for cleaning up semiconductors. <i>Journal of Electroanalytical Chemistry</i> , 1997, 433, 77-83.	3.8	10
119	A comparison between different approaches to estimate the aqueous pKa values of several non-steroidal anti-inflammatory drugs. <i>Analytica Chimica Acta</i> , 1997, 338, 127-134.	5.4	62
120	Ionic equilibria in aqueous organic solvent mixtures the dissociation constants of acids and salts in tetrahydrofuran/water mixtures. <i>Analytica Chimica Acta</i> , 1997, 340, 133-141.	5.4	31
121	Autoprotolysis in aqueous organic solvent mixtures. Water/dipolar protophilic solvent binary systems. <i>Analytica Chimica Acta</i> , 1997, 349, 367-376.	5.4	13
122	Solvent extraction of alkylphosphoric acid derivatives between water and immiscible organic solvents. <i>Analytica Chimica Acta</i> , 1997, 350, 197-202.	5.4	6
123	Dissociation constants of several non-steroidal anti-inflammatory drugs in isopropyl alcohol/water mixtures. <i>Analytica Chimica Acta</i> , 1997, 350, 249-255.	5.4	31
124	Retention of Ionizable Compounds on HPLC. 2. Effect of pH, Ionic Strength, and Mobile Phase Composition on the Retention of Weak Acids. <i>Analytical Chemistry</i> , 1996, 68, 4094-4100.	6.5	123
125	Retention of Ionizable Compounds on HPLC. pH Scale in Methanol-Water and the pK and pH Values of Buffers. <i>Analytical Chemistry</i> , 1996, 68, 3651-3657.	6.5	195
126	Solute-solvent and solvent-solvent interactions in binary solvent mixtures. Part 3. The ET(30) polarity of binary mixtures of hydroxylic solvents. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 1497-1503.	0.9	85

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127	Solute-solvent and solvent-solvent interactions in binary solvent mixtures. Part 4. Preferential solvation of solvatochromic indicators in mixtures of 2-methylpropan-2-ol with hexane, benzene, propan-2-ol, ethanol and methanol. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1996, , 2177-2184.	0.9	57
128	Solute-solvent and solvent-solvent interactions in binary solvent mixtures. 2. Effect of temperature on the ET(30) polarity parameter of dipolar hydrogen bond acceptor-hydrogen bond donor mixtures. <i>Journal of Physical Organic Chemistry</i> , 1996, 9, 403-410.	1.9	85
129	Conductometric determination of dissociation constants of several acids and their tetrabutylammonium salts in propan-2-ol/water mixtures. <i>Analytica Chimica Acta</i> , 1996, 333, 241-247.	5.4	17
130	Autoprotolysis in aqueous organic solvent mixtures. Water/alcohol binary systems. <i>Analytica Chimica Acta</i> , 1996, 335, 291-302.	5.4	26
131	Solute-solvent and solvent-solvent interactions in binary solvent mixtures. 2. Effect of temperature on the ET(30) polarity parameter of dipolar hydrogen bond acceptor-hydrogen bond donor mixtures. <i>Journal of Physical Organic Chemistry</i> , 1996, 9, 403-410.	1.9	1
132	Variation of acidity constants and pH values of some organic acids in water-2-propanol mixtures with solvent composition. Effect of preferential solvation. <i>Analytica Chimica Acta</i> , 1995, 302, 109-119.	5.4	52
133	Autoprotolysis in aqueous organic solvent mixtures. Water-amide and water-amine binary systems. <i>Analytica Chimica Acta</i> , 1995, 302, 355-363.	5.4	8
134	Variation of ET(30) polarity and the Kamlet-Taft solvatochromic parameters with composition in alcohol-alcohol mixtures. <i>Journal of Solution Chemistry</i> , 1995, 24, 51-63.	1.2	30
135	Solute-solvent and solvent-solvent interactions in binary solvent mixtures. Part 1. A comparison of several preferential solvation models for describing ET(30) polarity of bipolar hydrogen bond acceptor-cosolvent mixtures. <i>Journal of the Chemical Society Perkin Transactions II</i> , 1995, , 1607-1615.	0.9	195
136	Densities, Refractive Indices, Absolute Viscosities, and Static Dielectric Constants of 2-Methylpropan-2-ol + Hexane, + Benzene, + Propan-2-ol, + Methanol, + Ethanol, and + Water at 303.2 K. <i>Journal of Chemical & Engineering Data</i> , 1995, 40, 1111-1114.	1.9	67
137	Linear solvation energy relationships between electrolyte pK values and solvent properties for several 2-methylpropan-2-ol-cosolvent mixtures. <i>Journal of Physical Organic Chemistry</i> , 1994, 7, 696-704.	1.9	7
138	Variation of some microscopic properties with composition in 2-methoxyethanol and 1,2-ethanediol mixtures. <i>Journal of Solution Chemistry</i> , 1994, 23, 735-746.	1.2	4
139	Linear description of solute retention in reversed-phase liquid chromatography by a new mobile phase polarity parameter. <i>Analytica Chimica Acta</i> , 1994, 299, 219-229.	5.4	68
140	Interpretation of Hydroxylic Solvent Effects Based on Correlations with Solvent Parameters. Reaction of Et ₃ N with EtI. <i>Collection of Czechoslovak Chemical Communications</i> , 1994, 59, 898-904.	1.0	10
141	Standardization of potentiometric cells in propan-2-ol-water. <i>Analytica Chimica Acta</i> , 1993, 280, 75-83.	5.4	6
142	Linear solvation energy relationships in reversed-phase liquid chromatography. Prediction of retention from a single solvent and a single solute parameter. <i>Analytica Chimica Acta</i> , 1993, 274, 147-162.	5.4	76
143	Dissociation constants and preferential solvation in some 2-methylpropan-2-ol-alcohol mixtures. <i>Journal of the Chemical Society, Faraday Transactions</i> , 1993, 89, 1723-1728.	1.7	21
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158	Ionic equilibria in neutral amphiprotic solvents of low dielectric constant: Titration curves. <i>Talanta</i> , 1989, 36, 623-626.	5.5	9
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