

Ivo Leito

List of Publications by Year in descending order

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268
papers

10,912
citations

26630
56
h-index

39675
94
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278
all docs

278
docs citations

278
times ranked

10692
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of archaeological adhesives from Eastern Europe and Urals by ATR-FTIR spectroscopy and chemometric analysis. <i>Archaeometry</i> , 2022, 64, 227-244.	1.3	11
2	Retention mechanisms of acidic and basic analytes on the Pentafluorophenyl stationary phase using fluorinated eluent additives. <i>Journal of Chromatography A</i> , 2022, 1666, 462850.	3.7	3
3	Inducing a pH-dependent conformational response by competitive binding to Zn^{2+} of a series of chiral ligands of disparate basicity. <i>Chemical Science</i> , 2022, 13, 2258-2269.	7.4	3
4	Novel Lipophilic Fluorophores with Highly Acidity-Dependent Two-Photon Response. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	0
5	Macrocyclic <i>versus</i> open-chain carbazole receptors for carboxylate binding. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2121-2130.	2.8	3
6	Quantifying Acidity in Heterogeneous Systems: Biphasic pK_a Values. <i>Analytical Chemistry</i> , 2022, 94, 4059-4064.	6.5	0
7	Measurements and Utilization of Consistent Gibbs Energies of Transfer of Single Ions: Towards a Unified Redox Potential Scale for All Solvents. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	3
8	Electrochemistry and Reactivity of Chelation-Stabilized Hypervalent Bromine(III) Compounds. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	9
9	Long-Time Evaluation of Solid-State Composite Reference Electrodes. <i>Membranes</i> , 2022, 12, 569.	3.0	3
10	Comparison of the ionisation mode in the determination of free amino acids in beers by Liquid Chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2022, 1677, 463320.	3.7	1
11	Strengths of Acids in Acetonitrile. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1407-1419.	2.4	80
12	Calibration and Uncertainty Estimation for Water Content Measurement in Solids. <i>International Journal of Thermophysics</i> , 2021, 42, 1.	2.1	4
13	Experimental and Computational Study of Aminoacridines as MALDI(II)-MS Matrix Materials for the Analysis of Complex Samples. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1080-1095.	2.8	4
14	Quantitative GC-MS Analysis of Artificially Aged Paints with Variable Pigment and Linseed Oil Ratios. <i>Molecules</i> , 2021, 26, 2218.	3.8	7
15	Aiding a Better Understanding of Molybdopterin: Syntheses, Structures, and pKa Value Determinations of Varied Pterin-Derived Organic Scaffolds Including Oxygen, Sulfur and Phosphorus Bearing Substituents. <i>Journal of Molecular Structure</i> , 2021, 1230, 129867.	3.6	4
16	Bis(4-benzhydryl-benzoxazol-2-yl)methane from a Bulky NacNac Alternative to a Trianion in Alkali Metal Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 9858-9865.	3.3	8
17	Quantitative analysis of the relationship of derivatization reagents and detection sensitivity of electrospray ionization-triple quadrupole tandem mass spectrometry: Hydrazines as prototypes. <i>Analytica Chimica Acta</i> , 2021, 1158, 338402.	5.4	3
18	A New Direction in Microfluidics: Printed Porous Materials. <i>Micromachines</i> , 2021, 12, 671.	2.9	4

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19	Unified pH Measurements of Ethanol, Methanol, and Acetonitrile, and Their Mixtures with Water. <i>Sensors</i> , 2021, 21, 3935.	3.8	11
20	Rifampicin as an example of beyond-rule-of-5 compound: Ionization beyond water and lipophilicity beyond octanol/water. <i>European Journal of Pharmaceutical Sciences</i> , 2021, 161, 105802.	4.0	6
21	Design of Novel Uncharged Organic Superbases: Merging Basicity and Functionality. <i>Accounts of Chemical Research</i> , 2021, 54, 3108-3123.	15.6	31
22	Synthesis and Physicochemical Properties of 2-SF ₅ -(Aza)Indoles, a New Family of SF ₅ Heterocycles. <i>ACS Organic & Inorganic Au</i> , 2021, 1, 43-50.	4.0	25
23	Acid-Base and Anion Binding Properties of Tetrafluorinated 1,3-Benzodiazole, 1,2,3-Benzotriazole and 2,1,3-Benzoselenadiazole. <i>ChemPhysChem</i> , 2021, 22, 2329-2335.	2.1	3
24	Quantitative mineralogical analysis of clay-containing materials using ATR-FT-IR spectroscopy with PLS method. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6535-6550.	3.7	3
25	Dependence of the potentiometric response of PEDOT(PSS) on the solubility product of silver salts. <i>Electrochimica Acta</i> , 2021, 390, 138854.	5.2	1
26	Toward Unified pH of Saline Solutions. <i>Water (Switzerland)</i> , 2021, 13, 2522.	2.7	3
27	Quantitative electrospray ionization efficiency scale: 10 years after. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9178.	1.5	4
28	Evaluation and validation of detailed and simplified models of the uncertainty of unified pH measurements in aqueous solutions. <i>Analytica Chimica Acta</i> , 2021, 1182, 338923.	5.4	4
29	Derivatization-targeted analysis of amino compounds in plant extracts in neutral loss acquisition mode by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2021, 1656, 462555.	3.7	5
30	A unified pH scale for all solvents: part I – intention and reasoning (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2021, 93, 1049-1060.	1.9	13
31	Potentiometric Carboxylate Sensors Based on Carbazole-Derived Acyclic and Macrocyclic Ionophores. <i>Chemosensors</i> , 2021, 9, 4.	3.6	7
32	Instrumental techniques in the analysis of natural red textile dyes. <i>Journal of Cultural Heritage</i> , 2020, 42, 19-27.	3.3	16
33	Retention of acidic and basic analytes in reversed phase column using fluorinated and novel eluent additives for liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1613, 460667.	3.7	13
34	Highly Acidic Conjugate-Base-Stabilized Carboxylic Acids Catalyze Enantioselective oxazetone-Spengler Reactions with Ketals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2028-2032.	13.8	34
35	Uncertainty contribution of derivatization in gas chromatography/mass spectrometric analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8704.	1.5	5
36	Highly Acidic Conjugate-Base-Stabilized Carboxylic Acids Catalyze Enantioselective oxazetone-Spengler Reactions with Ketals. <i>Angewandte Chemie</i> , 2020, 132, 2044-2048.	2.0	8

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37	Enantioselective N-Alkylation of Nitroindoles under Phase-Transfer Catalysis. <i>Synthesis</i> , 2020, 52, 1047-1059.	2.3	10
38	Design, synthesis and application of carbazole macrocycles in anion sensors. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1901-1914.	2.2	12
39	Symmetric Potentiometric Cells for the Measurement of Unified pH Values. <i>Symmetry</i> , 2020, 12, 1150.	2.2	14
40	LogP determination for highly lipophilic hydrogen-bonding anion receptor molecules. <i>Analytica Chimica Acta</i> , 2020, 1132, 123-133.	5.4	8
41	Synthesis and Basicity Studies of Quinolino[7,8- <i>h</i>]quinoline Derivatives. <i>Journal of Organic Chemistry</i> , 2020, 85, 11297-11308.	3.2	7
42	Contemporary trends in hydrophysical and hydrochemical parameters in the NE Baltic Sea. <i>Estonian Journal of Earth Sciences</i> , 2020, 69, 91.	1.1	5
43	Modular Design of Chiral Conjugate-Base-Stabilized Carboxylic Acids: Catalytic Enantioselective [4 + 2] Cycloadditions of Acetals. <i>Journal of the American Chemical Society</i> , 2020, 142, 15252-15258.	13.7	25
44	Alkali Metal Cations Bonding to Carboxylate Anions: Studies using Mass Spectrometry and Quantum Chemical Calculations. <i>Journal of Physical Chemistry A</i> , 2020, 124, 4390-4399.	2.5	2
45	Moisture in Solids: Comparison Between Evolved Water Vapor and Vaporization Coulometric Karl Fischer Methods. <i>International Journal of Thermophysics</i> , 2020, 41, 1.	2.1	5
46	EACH (Excellence in Analytical Chemistry), an Erasmus Mundus Joint Programme: progress and success. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5913-5921.	3.7	1
47	Ionization efficiency ladders as tools for choosing ionization mode and solvent in liquid chromatography/mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 1834-1843.	1.5	15
48	Bis(benzoxazolin-2-yl)methanes Houding NacNac: Varieties and Applications in Main Group Metal Coordination. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3258-3264.	2.0	11
49	Three Fluorinated Trityl Alcohols and their Lithium Salts – Synthesis, Molecular Structures, and Acidity. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3612-3618.	2.0	4
50	Comparison of derivatization methods for the quantitative gas chromatographic analysis of oils. <i>Analytical Methods</i> , 2019, 11, 3514-3522.	2.7	18
51	On the Basicity of Organic Bases in Different Media. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6735-6748.	2.4	272
52	Quantitative non-destructive analysis of paper fillers using ATR-FT-IR spectroscopy with PLS method. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5127-5138.	3.7	13
53	Generalization of Acid–Base Diagrams Based on the Unified pH–Scale. <i>ChemPhysChem</i> , 2019, 20, 1779-1785.	2.1	6
54	Cooperative Organocatalysis: A Systematic Investigation of Covalently Linked Organophosphoric Acids for the Stereoselective Transfer Hydrogenation of Quinolines. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5190-5195.	2.4	8

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55	ESI outcompetes other ion sources in LC/MS trace analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3533-3542.	3.7	10
56	Simple and scalable synthesis of the carborane anion CB ₁₁ H ₁₂ ⁺ . <i>Dalton Transactions</i> , 2019, 48, 7499-7502.	3.3	17
57	Synthesis and photophysics of a series of lipophilic phosphazene-based fluorescent indicators. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3950.	1.9	12
58	Solid-contact Acetate-selective Electrode Based on a 1,3-bis(carbazolyl)urea ionophore. <i>Electroanalysis</i> , 2019, 31, 1061-1066.	2.9	10
59	Estimating Uncertainties in Oceanographic Trace Element Measurements. <i>Frontiers in Marine Science</i> , 2019, 5, .	2.5	6
60	Determination of p <i>K_a</i> values of fluorocompounds in water using ¹⁹ F NMR. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3940.	1.9	15
61	Reflectance FT-IR spectroscopy as a viable option for textile fiber identification. <i>Heritage Science</i> , 2019, 7, .	2.3	79
62	Gas phase basicity of biguanides – Comparison of the equilibrium and the kinetic methods. <i>International Journal of Mass Spectrometry</i> , 2019, 435, 61-68.	1.5	9
63	Validation and extension of the gas-phase superacidity scale. <i>Rapid Communications in Mass Spectrometry</i> , 2019, , e8598.	1.5	0
64	Comment on “Zempl�n transesterification: a name reaction that has misled us for 90 years” by B. Ren, M. Wang, J. Liu, J. Ge, X. Zhang and H. Dong, <i>Green Chemistry</i> , 2015, 17, 1390–1394. <i>Green Chemistry</i> , 2018, 20, 2392-2394.	9.0	1
65	The Ideal Ionic Liquid Salt Bridge for the Direct Determination of Gibbs Energies of Transfer of Single Ions, Part I: The Concept. <i>Angewandte Chemie</i> , 2018, 130, 2368-2371.	2.0	3
66	Enhancement of Push–Pull Properties of Pentafulvene and Pentafulvalene Derivatives by Protonation at Carbon. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 739-749.	2.4	7
67	The Ideal Ionic Liquid Salt Bridge for Direct Determination of Gibbs Energies of Transfer of Single Ions, Part II: Evaluation of the Role of Ion Solvation and Ion Mobilities. <i>Angewandte Chemie</i> , 2018, 130, 2372-2376.	2.0	2
68	Comparative validation of amperometric and optical analyzers of dissolved oxygen: a case study. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 313.	2.7	11
69	The Ideal Ionic Liquid Salt Bridge for the Direct Determination of Gibbs Energies of Transfer of Single Ions, Part I: The Concept. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2344-2347.	13.8	18
70	The Ideal Ionic Liquid Salt Bridge for Direct Determination of Gibbs Energies of Transfer of Single Ions, Part II: Evaluation of the Role of Ion Solvation and Ion Mobilities. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2348-2352.	13.8	17
71	European Metrology Network on Climate and Ocean Observation: building a “one-stop shop” for reliable measurements of ECVs. , 2018, , .		0
72	[4-(Ph ₃ B)-2,6-Mes ₂ Py] ⁺ : A Sterically Demanding Anionic Pyridine. <i>Chemistry - A European Journal</i> , 2018, 24, 16851-16856.	3.3	6

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73	pKa values in organic chemistry – Making maximum use of the available data. Tetrahedron Letters, 2018, 59, 3738-3748.	1.4	117
74	Prediction of partition and distribution coefficients in various solvent pairs with COSMO-RS. Journal of Computer-Aided Molecular Design, 2018, 32, 711-722.	2.9	10
75	Utilization of data below the analytical limit of quantitation in pharmacokinetic analysis and modeling: promoting interdisciplinary debate. Bioanalysis, 2018, 10, 1229-1248.	1.5	17
76	Social food here and hereafter: Multiproxy analysis of gender-specific food consumption in conversion period inhumation cemetery at Kukruse, NE-Estonia. Journal of Archaeological Science, 2018, 97, 90-101.	2.4	12
77	Effect of charged and ortho substituents on ¹⁷ O NMR chemical shifts of substituted phenyl tosylates in DMSO. Journal of Physical Organic Chemistry, 2018, 31, e3870.	1.9	1
78	Approaching sub-ppm-level asymmetric organocatalysis of a highly challenging and scalable carbon–carbon bond forming reaction. Nature Chemistry, 2018, 10, 888-894.	13.6	79
79	Biphasic pKa Values. Croatica Chemica Acta, 2018, 91, .	0.4	3
80	Multidentate Anion Receptors for Binding Glyphosate Dianion: Structure and Affinity. European Journal of Organic Chemistry, 2017, 2017, 1396-1406.	2.4	7
81	Determination of glyphosate in surface water with high organic matter content. Environmental Science and Pollution Research, 2017, 24, 7880-7888.	5.3	16
82	Synthesis and properties of highly lipophilic phosphazene bases. Tetrahedron Letters, 2017, 58, 2098-2102.	1.4	9
83	1,1,3,3-Tetratriflylpropen (TTP): eine starke, allylische C-H-Aure für die Brønsted- und Lewis-Aure-Katalyse. Angewandte Chemie, 2017, 129, 1433-1437.	2.0	12
84	Think Negative: Finding the Best Electrospray Ionization/MS Mode for Your Analyte. Analytical Chemistry, 2017, 89, 5665-5668.	6.5	84
85	Method development for the analysis of resinous materials with MALDI-FT-ICR-MS: novel internal standards and a new matrix material for negative ion mode. Journal of Mass Spectrometry, 2017, 52, 603-617.	1.6	11
86	On the Basicity of Conjugated Nitrogen Heterocycles in Different Media. European Journal of Organic Chemistry, 2017, 2017, 4475-4489.	2.4	121
87	1,1,3,3-Tetratriflylpropene (TTP): A Strong, Allylic C-H Acid for Brønsted and Lewis Acid Catalysis. Angewandte Chemie - International Edition, 2017, 56, 1411-1415.	13.8	30
88	Hydrogen-Bond Donicity in DMSO and Gas Phase and Its Dependence on Brønsted Acidity. Journal of Physical Chemistry A, 2017, 121, 357-369.	2.5	11
89	Sponge Spray – Reaching New Dimensions of Direct Sampling and Analysis by MS. Analytical Chemistry, 2017, 89, 11592-11597.	6.5	20
90	Predicting Relative Stability of Conformers in Solution with COSMO-RS. Journal of Physical Chemistry A, 2017, 121, 6823-6829.	2.5	10

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91	Exploring Selectivity of 22 Acyclic Urea, Carbazole and Indolocarbazole-Based Receptors towards 11 Monocarboxylates. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 5231-5237.	2.4	16
92	MALDI-FT-ICR-MS for archaeological lipid residue analysis. <i>Journal of Mass Spectrometry</i> , 2017, 52, 689-700.	1.6	16
93	The Evolution of Electrospray Generated Droplets is Not Affected by Ionization Mode. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2124-2131.	2.8	15
94	A unified view to Brønsted acidity scales: do we need solvated protons?. <i>Chemical Science</i> , 2017, 8, 6964-6973.	7.4	59
95	Systematic Optimization of Liquid-Liquid Extraction for Isolation of Unidentified Components. <i>ACS Omega</i> , 2017, 2, 7772-7776.	3.5	16
96	MALDI-FT-ICR-MS for archaeological lipid residue analysis. <i>Journal of Mass Spectrometry</i> , 2017, 52, ii.	1.6	0
97	Effects of neutral and charged substituents on the infrared carbonyl stretching frequencies in phenyl and alkyl benzoates in DMSO. <i>Journal of Physical Organic Chemistry</i> , 2017, 30, e3608.	1.9	1
98	Identification and classification of textile fibres using ATR-FT-IR spectroscopy with chemometric methods. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017, 173, 175-181.	3.9	88
99	Strategy of <i>Pseudomonas pseudoalcaligenes</i> C70 for effective degradation of phenol and salicylate. <i>PLoS ONE</i> , 2017, 12, e0173180.	2.5	19
100	Experimental Basicities of Superbasic Phosphonium Ylides and Phosphazenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 7349-7361.	3.2	51
101	Determination of neonicotinoids in Estonian honey by liquid chromatography-electrospray mass spectrometry. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2016, 51, 455-464.	1.5	18
102	Experimental Basicities of Phosphazene, Guanidinophosphazene, and Proton Sponge Superbases in the Gas Phase and Solution. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2591-2604.	2.5	51
103	ATR-FT-IR spectral collection of conservation materials in the extended region of 4000-80 cm ⁻¹ . <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3373-3379.	3.7	158
104	Acidity of Strong Acids in Water and Dimethyl Sulfoxide. <i>Journal of Physical Chemistry A</i> , 2016, 120, 3663-3669.	2.5	140
105	Synthesis of Chiral Phosphazene Bases. <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 541-545.	1.2	2
106	¹⁵ N NMR Spectroscopy, X-ray and Neutron Diffraction, Quantum-Chemical Calculations, and UV/vis-Spectrophotometric Titrations as Complementary Techniques for the Analysis of Pyridine-Supported Bicyclic Guanidine Superbases. <i>Journal of Organic Chemistry</i> , 2016, 81, 7612-7625.	3.2	29
107	Tutorial on estimating the limit of detection using LC-MS analysis, part I: Theoretical review. <i>Analytica Chimica Acta</i> , 2016, 942, 23-39.	5.4	50
108	Tutorial on estimating the limit of detection using LC-MS analysis, part II: Practical aspects. <i>Analytica Chimica Acta</i> , 2016, 942, 40-49.	5.4	24

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109	Basicity of Very Weak Bases in 1,2-Dichloroethane. Chemistry - A European Journal, 2016, 22, 17445-17449.	3.3	10
110	Covalent attachment of polymeric monolith to polyether ether ketone (PEEK) tubing. Analytica Chimica Acta, 2016, 932, 114-123.	5.4	19
111	Establishing Atmospheric Pressure Chemical Ionization Efficiency Scale. Analytical Chemistry, 2016, 88, 3435-3439.	6.5	22
112	Basicity Limits of Neutral Organic Superbases. Angewandte Chemie - International Edition, 2015, 54, 9262-9265.	13.8	72
113	Solution and Gas-Phase Acidities of <i>all-trans</i> (<i>all-E</i>) Retinoic Acid: An Experimental and Computational Study. Chemistry - A European Journal, 2015, 21, 11238-11243.	3.3	2
114	Tutorial review on validation of liquid chromatography-mass spectrometry methods: Part I. Analytica Chimica Acta, 2015, 870, 29-44.	5.4	208
115	Using MOOCs for teaching analytical chemistry: experience at University of Tartu. Analytical and Bioanalytical Chemistry, 2015, 407, 1277-1281.	3.7	26
116	Unified pH Values of Liquid Chromatography Mobile Phases. Analytical Chemistry, 2015, 87, 2623-2630.	6.5	46
117	Application of enriched stable ¹⁹⁶ Hg isotope for monitoring the stability of total mercury in water samples. International Journal of Environmental Analytical Chemistry, 2015, 95, 1-15.	3.3	6
118	Superacidity of closo-Dodecaborate-Based Brønsted Acids: a DFT Study. Journal of Physical Chemistry A, 2015, 119, 735-743.	2.5	39
119	Tutorial review on validation of liquid chromatography-mass spectrometry methods: Part II. Analytica Chimica Acta, 2015, 870, 8-28.	5.4	217
120	Paper spray ionization mass spectrometry: Study of a method for fast-screening analysis of pesticides in fruits and vegetables. Journal of Food Composition and Analysis, 2015, 41, 221-225.	3.9	43
121	Towards the Discrimination of Carboxylates by Hydrogen-Bond Donor Anion Receptors. Chemistry - A European Journal, 2015, 21, 5145-5160.	3.3	34
122	European analytical column. TrAC - Trends in Analytical Chemistry, 2015, 67, 217-219.	11.4	0
123	European Analytical Column No. 43. Analytical and Bioanalytical Chemistry, 2015, 407, 2653-2656.	3.7	0
124	Conformational Switching of a Foldamer in a Multicomponent System by pH-Filtered Selection between Competing Noncovalent Interactions. Journal of the American Chemical Society, 2015, 137, 6680-6691.	13.7	60
125	Differences in extracellular glutamate levels in striatum of rats with high and low exploratory activity. Pharmacological Reports, 2015, 67, 858-865.	3.3	6
126	Fluoro- and Perfluoroalkylsulfonylpentafluoroanilides: Synthesis and Characterization of NH Acids for Weakly Coordinating Anions and Their Gas-Phase and Solution Acidities. Chemistry - A European Journal, 2015, 21, 5769-5782.	3.3	20

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127	A personal view on metrology in chemical analysis. Accreditation and Quality Assurance, 2015, 20, 229-231.	0.8	1
128	Absolute Brønsted Acidities and pH Scales in Ionic Liquids. ChemPhysChem, 2015, 16, 1428-1439.	2.1	23
129	Application of the Nordtest method for "real-time" uncertainty estimation of on-line field measurement. Environmental Monitoring and Assessment, 2015, 187, 630.	2.7	5
130	A summer school where master students learn the skills needed to work in an accredited analytical laboratory. Analytical and Bioanalytical Chemistry, 2015, 407, 6899-6907.	3.7	4
131	Transferability of the Electrospray Ionization Efficiency Scale between Different Instruments. Journal of the American Society for Mass Spectrometry, 2015, 26, 1923-1930.	2.8	25
132	METefnet: developments in metrology for moisture in materials. , 2015, , .		2
133	Gas-Phase Lithium Cation Basicity: Revisiting the High Basicity Range by Experiment and Theory. Journal of the American Society for Mass Spectrometry, 2014, 25, 1962-1973.	2.8	18
134	Basicities of Strong Bases in Water: A Computational Study. Croatica Chemica Acta, 2014, 87, 385-395.	0.4	92
135	Bias in clinical chemistry. Bioanalysis, 2014, 6, 2855-2875.	1.5	57
136	Very Strong Organosuperbases Formed by Combining Imidazole and Guanidine Bases: Synthesis, Structure, and Basicity. Angewandte Chemie - International Edition, 2014, 53, 1435-1438.	13.8	66
137	2,5-Dihydroxybenzoic acid solution in MALDI-MS: ageing and use for mass calibration. Journal of Mass Spectrometry, 2014, 49, 970-979.	1.6	16
138	Effect of Mobile Phase on Electrospray Ionization Efficiency. Journal of the American Society for Mass Spectrometry, 2014, 25, 1853-1861.	2.8	61
139	Negative Electrospray Ionization via Deprotonation: Predicting the Ionization Efficiency. Analytical Chemistry, 2014, 86, 4822-4830.	6.5	99
140	Planar Chiral Phosphoric Acids with Biphenylene-Tethered Paracyclophane Scaffolds: Synthesis, Characterization, and Catalytic Screening. Journal of Organic Chemistry, 2014, 79, 9639-9646.	3.2	26
141	Proficiency test of pH, conductivity and dissolved oxygen concentration field measurements in river water. Accreditation and Quality Assurance, 2014, 19, 259-268.	0.8	2
142	Alternative Eluent Composition for LC-MS Analysis of Perfluoroalkyl Acids in Raw Fish Samples. Journal of Agricultural and Food Chemistry, 2014, 62, 5259-5268.	5.2	10
143	Influence of Water Content on Basicities in Acetonitrile. Journal of Solution Chemistry, 2014, 43, 1270-1281.	1.2	7
144	Validation of a new measuring system for water turbidity field measurements. Accreditation and Quality Assurance, 2014, 19, 175-183.	0.8	9

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145	Gas-phase acidity of bis[(perfluoroalkyl)sulfonyl]imides. Effects of the perfluoroalkyl group on the acidity. <i>Journal of Physical Organic Chemistry</i> , 2014, 27, 676-679.	1.9	20
146	NMR Method for Simultaneous Host-Guest Binding Constant Measurement. <i>Journal of Organic Chemistry</i> , 2014, 79, 2501-2513.	3.2	35
147	ATR-FTIR spectroscopy and quantitative multivariate analysis of paints and coating materials. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 207-213.	3.9	55
148	Acidities of strong neutral Brønsted acids in different media. <i>Journal of Physical Organic Chemistry</i> , 2013, 26, 162-170.	1.9	203
149	The basicity of substituted <i>N,N</i> -dimethylanilines in solution and in the gas phase. <i>Journal of Physical Organic Chemistry</i> , 2013, 26, 171-181.	1.9	29
150	Accurate Method To Quantify Binding in Supramolecular Chemistry. <i>Journal of Organic Chemistry</i> , 2013, 78, 7796-7808.	3.2	27
151	On the Acidity and Reactivity of Highly Effective Chiral Brønsted Acid Catalysts: Establishment of an Acidity Scale. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11569-11572.	13.8	159
152	Dissolved Oxygen Concentration Interlaboratory Comparison: What Can We Learn?. <i>Water (Switzerland)</i> , 2013, 5, 420-442.	2.7	28
153	Quantifying uncertainty in measurement of mercury in suspended particulate matter by cold vapor technique using atomic absorption spectrometry with hydride generator. <i>SpringerPlus</i> , 2013, 2, 453.	1.2	3
154	Synthesis of Electron-Rich Sterically Hindered $P₁$ Phosphazene Bases by the Staudinger Reaction. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 1811-1823.	2.4	17
155	Evaluating the COSMO-RS Method for Modeling Hydrogen Bonding in Solution. <i>ChemPhysChem</i> , 2013, 14, 1909-1919.	2.1	10
156	Comparison of different methods aiming to account for/overcome matrix effects in LC/ESI/MS on the example of pesticide analyses. <i>Analytical Methods</i> , 2013, 5, 3035.	2.7	44
157	Electronic effects of triarylphosphines in metal-free hydrogen activation: a kinetic and computational study. <i>Chemical Science</i> , 2013, 4, 2788.	7.4	93
158	The effect of water contamination on the dew-point temperature scale realization with humidity generators. <i>Metrologia</i> , 2013, 50, 329-336.	1.2	2
159	Ensuring repeatability and robustness of poly(glycidyl methacrylate-co-ethylene dimethacrylate) μ HPLC monolithic columns of 3 mm id through covalent bonding to the column wall. <i>Journal of Separation Science</i> , 2013, 36, 2458-2463.	2.5	4
160	Pentakis(trifluoromethyl)benzenediazonium Cation: A Useful Building Block for the Synthesis of Trifluoromethyl-Substituted Derivatives. <i>ChemPlusChem</i> , 2013, 78, 932-936.	2.8	2
161	Sodium adduct formation efficiency in ESI source. <i>Journal of Mass Spectrometry</i> , 2013, 48, 695-702.	1.6	102
162	Software support for the Nordtest method of measurement uncertainty evaluation. <i>Accreditation and Quality Assurance</i> , 2012, 17, 603-612.	0.8	9

#	ARTICLE	IF	CITATIONS
163	Enhanced Nebulization Efficiency of Electrospray Mass Spectrometry: Improved Sensitivity and Detection Limit. Journal of the American Society for Mass Spectrometry, 2012, 23, 2051-2054.	2.8	10
164	Molecular structure and acid/base properties of 1,2-dihydro-1,3,5-triazine derivatives. New Journal of Chemistry, 2012, 36, 86-96.	2.8	17
165	Unusual para-substituent effects on the intramolecular hydrogen-bond in hydrazone-based switches. Chemical Communications, 2012, 48, 10490.	4.1	31
166	A highly accurate method for determination of dissolved oxygen: Gravimetric Winkler method. Analytica Chimica Acta, 2012, 741, 21-31.	5.4	35
167	Analysis of dammar resin with MALDI-FT-ICR-MS and APCI-FT-ICR-MS. Journal of Mass Spectrometry, 2012, 47, 392-409.	1.6	23
168	Basicity of Phosphanes and Diphosphanes in Acetonitrile. European Journal of Organic Chemistry, 2012, 2012, 2167-2172.	2.4	59
169	A New Class of Organosuperbases, <i>N</i> -alkyl- and <i>N</i> -aryl-1,3-dialkyl-4,5-dimethylimidazol-2-ylidene Amines: Synthesis, Structure, pK_{BH^+} Measurements, and Properties. Chemistry - A European Journal, 2012, 18, 3621-3630.	3.3	66
170	Bulk Gas-Phase Acidity. Chemistry - A European Journal, 2012, 18, 9333-9340.	3.3	16
171	Applying the unified pH scale: absolute acidities in the gas phase and anchor points for eleven representative liquid media. Journal of Cheminformatics, 2012, 4, .	6.1	0
172	Two fluoroalcohols as components of basic buffers for liquid chromatography electrospray ionization mass spectrometric determination of antibiotic residues. Analyst, The, 2011, 136, 4587.	3.5	18
173	Acidity of Anilines: Calculations vs Experiment. Journal of Physical Chemistry A, 2011, 115, 10335-10344.	2.5	17
174	Equilibrium Acidities of Superacids. Journal of Organic Chemistry, 2011, 76, 391-395.	3.2	237
175	Analysis of selenomethylselenocysteine and selenomethionine by LC-ESI-MS/MS with diethyl ethoxymethylenemalonate derivatization. Analyst, The, 2011, 136, 5241.	3.5	7
176	INVESTIGATION OF THE ADHESIVE RESIDUE ON THE FLINT INSERT AND THE ADHESIVE LUMP FOUND FROM THE PULLI EARLY MESOLITHIC SETTLEMENT SITE (ESTONIA) BY MICRO-ATR-FT-IR SPECTROSCOPY. Estonian Journal of Archaeology, 2011, 15, 3.	0.8	31
177	Fluoroalcohols as novel buffer components for basic buffer solutions for liquid chromatography electrospray ionization mass spectrometry: Retention mechanisms. Journal of Chromatography A, 2011, 1218, 8175-8180.	3.7	23
178	Quantum chemical calculations on a unified pH scale for all phases. Journal of Cheminformatics, 2011, 3, .	6.1	0
179	Accounting for matrix effects of pesticide residue liquid chromatography/electrospray ionisation mass spectrometric determination by treatment of background mass spectra with chemometric tools. Rapid Communications in Mass Spectrometry, 2011, 25, 1159-1168.	1.5	17
180	Study of liquid chromatography/electrospray ionization mass spectrometry matrix effect on the example of glyphosate analysis from cereals. Rapid Communications in Mass Spectrometry, 2011, 25, 3252-3258.	1.5	23

#	ARTICLE	IF	CITATIONS
181	Anchor Points for the Unified Brønsted Acidity Scale: The rCCC Model for the Calculation of Standard Gibbs Energies of Proton Solvation in Eleven Representative Liquid Media. Chemistry - A European Journal, 2011, 17, 5808-5826.	3.3	54
182	Performance of single-component CO ₂ -binding organic liquids (CO ₂ BOLs) for post combustion CO ₂ capture. Chemical Engineering Journal, 2011, 171, 794-800.	12.7	76
183	“Measurement Science in Chemistry”-consortium “a new force in analytical chemistry higher education in Europe. Analytical and Bioanalytical Chemistry, 2010, 397, 1635-1637.	3.7	1
184	Evaluation of the residual liquid junction potential contribution to the uncertainty in pH measurement: A case study on low ionic strength natural waters. Analytica Chimica Acta, 2010, 664, 129-135.	5.4	28
185	Can coverage factor 2 be interpreted as an equivalent to 95% coverage level in uncertainty estimation? Two case studies. Measurement: Journal of the International Measurement Confederation, 2010, 43, 392-399.	5.0	17
186	A Unified pH Scale for All Phases. Angewandte Chemie - International Edition, 2010, 49, 6885-6888.	13.8	138
187	ATR-FT-IR spectroscopy in the region of 550–230 cm ⁻¹ for identification of inorganic pigments. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2010, 75, 1061-1072.	3.9	93
188	A review of analytical techniques for determination of Sudan “IV” dyes in food matrixes. Journal of Chromatography A, 2010, 1217, 2747-2757.	3.7	217
189	Optimization of electrospray interface and quadrupole ion trap mass spectrometer parameters in pesticide liquid chromatography/electrospray ionization mass spectrometry analysis. Rapid Communications in Mass Spectrometry, 2010, 24, 919-926.	1.5	32
190	Electrospray Ionization Matrix Effect as an Uncertainty Source in HPLC/ESI-MS Pesticide Residue Analysis. Journal of AOAC INTERNATIONAL, 2010, 93, 306-314.	1.5	13
191	Measurement Uncertainty Estimation in Amperometric Sensors: A Tutorial Review. Sensors, 2010, 10, 4430-4455.	3.8	50
192	Electrospray Ionization Efficiency Scale of Organic Compounds. Analytical Chemistry, 2010, 82, 2865-2872.	6.5	232
193	Gas-Phase Basicities Around and Below Water Revisited. Journal of Physical Chemistry A, 2010, 114, 10694-10699.	2.5	19
194	Polytrifluoromethylation versus Polyfluorination of the Isomers of Kekulé Benzene and Phenol: A Theoretical Study. Journal of Organic Chemistry, 2010, 75, 6436-6444.	3.2	6
195	Influence of Water Content on the Acidities in Acetonitrile. Quantifying Charge Delocalization in Anions. Journal of Physical Chemistry A, 2010, 114, 11788-11793.	2.5	36
196	Electrospray ionization matrix effect as an uncertainty source in HPLC/ESI-MS pesticide residue analysis. Journal of AOAC INTERNATIONAL, 2010, 93, 306-14.	1.5	3
197	Boratabenzene Anions C ₅ B(CN) ₆ ⁺ and C ₅ B(CF ₃) ₃ ₆ ⁺ and the Superacidic Properties of their Conjugate Acids. ChemPhysChem, 2009, 10, 499-502.	2.1	10
198	Prediction of acidity in acetonitrile solution with COSMO-RS. Journal of Computational Chemistry, 2009, 30, 799-810.	3.3	168

#	ARTICLE	IF	CITATIONS
199	ATR-FT-IR spectroscopy in the region of 500–230 cm ⁻¹ for identification of inorganic red pigments. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 73, 764-771.	3.9	58
200	Micro-Winkler titration method for dissolved oxygen concentration measurement. <i>Analytica Chimica Acta</i> , 2009, 648, 167-173.	5.4	47
201	Combating matrix effects in LC/ESI/MS: The extrapolative dilution approach. <i>Analytica Chimica Acta</i> , 2009, 651, 75-80.	5.4	96
202	Rapid Determination of Meropenem in Biological Fluids by LC: Comparison of Various Methods for Sample Preparation and Investigation of Meropenem Stability. <i>Chromatographia</i> , 2009, 70, 1423-1427.	1.3	14
203	Superbasicity of a Bis-guanidino Compound with a Flexible Linker: A Theoretical and Experimental Study. <i>Journal of the American Chemical Society</i> , 2009, 131, 16858-16868.	13.7	79
204	Gas-Phase Brønsted Superacidity of Some Derivatives of Monocarba-closo-Borates: a Computational Study. <i>Journal of Physical Chemistry A</i> , 2009, 113, 12972-12978.	2.5	52
205	Revision of the Gas-Phase Acidity Scale below 300 kcal mol ⁻¹ . <i>Journal of Physical Chemistry A</i> , 2009, 113, 8421-8424.	2.5	69
206	Estimation of uncertainty in electron probe microanalysis: iron determination in manuscripts, a case study. <i>Mikrochimica Acta</i> , 2008, 162, 313-323.	5.0	5
207	On the accuracy of micro Winkler titration procedures: a case study. <i>Accreditation and Quality Assurance</i> , 2008, 13, 575-579.	0.8	8
208	Towards the electrospray ionization mass spectrometry ionization efficiency scale of organic compounds. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 379-384.	1.5	74
209	Matrix effects in pesticide multi-residue analysis by liquid chromatography–mass spectrometry. <i>Journal of Chromatography A</i> , 2008, 1187, 58-66.	3.7	275
210	Pentakis(trifluoromethyl)phenyl, a Sterically Crowded and Electron-withdrawing Group: Synthesis and Acidity of Pentakis(trifluoromethyl)benzene, -toluene, -phenol, and -aniline. <i>Journal of Organic Chemistry</i> , 2008, 73, 2607-2620.	3.2	123
211	Model-based measurement uncertainty estimation in amperometric dissolved oxygen concentration measurement. <i>Measurement Science and Technology</i> , 2007, 18, 1877-1886.	2.6	11
212	Experimental Gas-Phase Basicity Scale of Superbasic Phosphazenes. <i>Journal of Physical Chemistry A</i> , 2007, 111, 1245-1250.	2.5	91
213	Brønsted Basicities of Diamines in the Gas Phase, Acetonitrile, and Tetrahydrofuran. <i>Chemistry - A European Journal</i> , 2007, 13, 7631-7643.	3.3	79
214	Anions and the superacidic properties of their conjugate acids. <i>Computational and Theoretical Chemistry</i> , 2007, 815, 41-43.	1.5	8
215	Fast peaks in chromatograms of Sudan dyes. <i>Journal of Chromatography A</i> , 2007, 1160, 227-234.	3.7	21
216	The uncertainty of UV-Vis spectrophotometric and FAAS analysis for the determination of iron in pharmaceutical products. <i>Accreditation and Quality Assurance</i> , 2007, 12, 593-601.	0.8	6

#	ARTICLE	IF	CITATIONS
217	Acid-Base Equilibria in Nonpolar Media. Absolute pKa Scale of Bases in Tetrahydrofuran. Journal of Organic Chemistry, 2006, 71, 9062-9067.	3.2	76
218	Basicity of some P1phosphazenes in water and in aqueous surfactant solution. Organic and Biomolecular Chemistry, 2006, 4, 2100-2105.	2.8	23
219	Substituent Effects on the Basicity of 3,7-Diazabicyclo[3.3.1]nonanes. Journal of Organic Chemistry, 2006, 71, 7155-7164.	3.2	38
220	A Comprehensive Self-Consistent Spectrophotometric Acidity Scale of Neutral Brønsted Acids in Acetonitrile. Journal of Organic Chemistry, 2006, 71, 2829-2838.	3.2	301
221	Influence of substituents on the infrared stretching frequencies of carbonyl group in esters of benzoic acid. Journal of Physical Organic Chemistry, 2006, 19, 654-663.	1.9	23
222	Uncertainty estimation in measurement of pKa values in nonaqueous media: A case study on basicity scale in acetonitrile medium. Analytica Chimica Acta, 2006, 566, 290-303.	5.4	34
223	Uncertainty in liquid chromatographic analysis of pharmaceutical product: Influence of various uncertainty sources. Journal of Chromatography A, 2006, 1121, 55-63.	3.7	25
224	in situ interlaboratory comparisons for dissolved oxygen concentration and pH. Accreditation and Quality Assurance, 2006, 10, 562-564.	0.8	7
225	Uncertainty sources in UV-Vis spectrophotometric measurement. Accreditation and Quality Assurance, 2006, 11, 246-255.	0.8	76
226	Acidity constants in different media (I=0 and I=0.1 M KCl) from the uncertainty perspective. Analytical and Bioanalytical Chemistry, 2006, 385, 1124-1139.	3.7	4
227	Report of the 1st AcadeMiC Summer School for Metrology in Chemistry™, held in Rogaška Slatina, Slovenia (6-9 July 2005). Analytical and Bioanalytical Chemistry, 2006, 385, 1031-1032.	3.7	5
228	Biodegradation efficiency of functionally important populations selected for bioaugmentation in phenol- and oil-polluted area. FEMS Microbiology Ecology, 2005, 51, 363-373.	2.7	80
229	ISO 17025 quality system in a university environment. Accreditation and Quality Assurance, 2005, 10, 369-372.	0.8	21
230	Uncertainty in photometric analysis: a case study. Accreditation and Quality Assurance, 2005, 10, 197-207.	0.8	12
231	UV-Vis spectroscopic study of the hydrophilic and solvatochromic 4-[2,6-diphenyl-4-(pyridin-4-yl)pyridinium-1-yl]-2,6-bis(pyridin-3-yl)phenolate betaine dye in aqueous tetra-n-butylammonium bromide. Journal of Physical Organic Chemistry, 2005, 18, 1013-1017.	1.9	14
232	Extension of the Self-Consistent Spectrophotometric Basicity Scale in Acetonitrile to a Full Span of 28 pKa Units: A Unification of Different Basicity Scales. Journal of Organic Chemistry, 2005, 70, 1019-1028.	3.2	853
233	Guanidinophosphazenes: Design, Synthesis, and Basicity in THF and in the Gas Phase. Journal of the American Chemical Society, 2005, 127, 17656-17666.	13.7	116
234	Self-consistent acidity and basicity scales in nonaqueous solvents. Proceedings of the Estonian Academy of Sciences: Chemistry, 2005, 54, 94.	0.3	1

#	ARTICLE	IF	CITATIONS
235	A strategy for a national metrology institute to create a cost effective distributed metrology infrastructure for chemical measurements. Accreditation and Quality Assurance, 2004, 9, 478.	0.8	0
236	Estimation of uncertainty in electrochemical amperometric measurement of dissolved oxygen concentration. Accreditation and Quality Assurance, 2004, 9, 340-348.	0.8	8
237	Introduction of measurement uncertainty estimation into analytical instrument software: mission impossible?. Accreditation and Quality Assurance, 2004, 9, 666-670.	0.8	2
238	Estimation of uncertainty in pK _a values determined by potentiometric titration. Analytical and Bioanalytical Chemistry, 2004, 379, 720-9.	3.7	16
239	GUM Workbench as measurement modelling and uncertainty estimation software: experience at University of Tartu. Accreditation and Quality Assurance, 2003, 8, 520-522.	0.8	3
240	Acid-Base Equilibria in Nonpolar Media. 4. Extension of the Self-Consistent Basicity Scale in THF Medium. Gas-Phase Basicities of Phosphazenes. Journal of Organic Chemistry, 2003, 68, 9988-9993.	3.2	83
241	Acid-Base Equilibria in Nonpolar Media. 3. Expanding the Spectrophotometric Acidity Scale in Heptane. Journal of Organic Chemistry, 2003, 68, 7795-7799.	3.2	16
242	Generalized Principle of Designing Neutral Superstrong Brønsted Acids. Journal of the American Chemical Society, 2002, 124, 5594-5600.	13.7	55
243	The immense acidifying effect of the supersubstituent $\text{N}(\text{SO}_2\text{CF}_3)_2$ on the acidity of amides and amidines of benzoic acids in acetonitrile. Perkin Transactions II RSC, 2002, , 1950-1955.	1.1	38
244	MiC in Chemistry Curriculum at the University of Tartu: the current status. Accreditation and Quality Assurance, 2002, 7, 159-162.	0.8	3
245	Estimation of uncertainty in routine pH measurement. Accreditation and Quality Assurance, 2002, 7, 242-249.	0.8	38
246	A participatory improvement activity of the EC-JRC to improve metrology in chemistry in EU candidate countries. Accreditation and Quality Assurance, 2002, 7, 419-422.	0.8	1
247	Sitting-atop complex formation of 2,3,7,8,12,13,17,18-octaethylporphyrin with copper(II) ion in acetonitrile. Inorganica Chimica Acta, 2002, 340, 87-96.	2.4	15
248	Acid-Base Equilibria in Nonpolar Media. 2.1 Self-Consistent Basicity Scale in THF Solution Ranging from 2-Methoxypyridine to EtP1(pyr) Phosphazene. Journal of Organic Chemistry, 2002, 67, 1873-1881.	3.2	169
249	Intrinsic Basicities of Phosphorus Imines and Ylides: A Theoretical Study. Journal of Physical Chemistry A, 2001, 105, 9575-9586.	2.5	101
250	The enormous acidifying effect of the supersubstituent $\text{N}(\text{SO}_2\text{CF}_3)_2$ on the acidity of derivatives of benzenesulfonamide and toluene-p-sulfonamide in the gas phase and in dimethyl sulfoxide. Perkin Transactions II RSC, 2001, , 229-232.	1.1	42
251	Critical test of performance of B3LYP functional for prediction of gas-phase acidities and basicities. Chemical Physics Letters, 2000, 323, 482-489.	2.6	112
252	Gas-Phase Acidities of Some Neutral Brønsted Superacids: A DFT and ab Initio Study. Journal of the American Chemical Society, 2000, 122, 5114-5124.	13.7	240

#	ARTICLE	IF	CITATIONS
253	Comparison of Brønsted acidities of neutral CH acids in gas phase and dimethyl sulfoxide. Perkin Transactions II RSC, 2000, , 1125-1133.	1.1	37
254	Self-Consistent Spectrophotometric Basicity Scale in Acetonitrile Covering the Range between Pyridine and DBU. Journal of Organic Chemistry, 2000, 65, 6202-6208.	3.2	178
255	Solute-solvent and solvent-solvent interactions in binary solvent mixtures. Part 8. The ET(30) polarity of binary mixtures of formamides with hydroxylic solvents. Journal of Physical Organic Chemistry, 1999, 12, 109-115.	1.9	81
256	Spectrophotometric Acidity Scale of Strong Neutral Brønsted Acids in Acetonitrile. Journal of Organic Chemistry, 1998, 63, 7868-7874.	3.2	85
257	Thermodynamic Stability of Trichlorocyclopropenyl Cation. An Experimental (FTICR) and Computational [G2(MP2)] Study. Journal of Organic Chemistry, 1998, 63, 8995-8997.	3.2	10
258	Acid-Base Equilibria in Nonpolar Media. 1. A Spectrophotometric Method for Acidity Measurements in Heptane. Journal of Organic Chemistry, 1997, 62, 8479-8483.	3.2	67
259	Application of experimental (FT-ICR) and theoretical (AM1) methods to the study of proton-transfer reactions for tautomerizing amidines in the gas phase. Analytical and Bioanalytical Chemistry, 1996, 355, 412-414.	3.7	11
260	Basicity of 3-aminopropionamidine derivatives in water and dimethyl sulphoxide. Implication for a pivotal step in the synthesis of distamycin A analogues. Journal of Physical Organic Chemistry, 1996, 9, 265-268.	1.9	10
261	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. Journal of Physical Organic Chemistry, 1996, 9, 403-410.	1.9	85
262	Basicity of Acetamidine. Experimental and Theoretical Study. The Journal of Physical Chemistry, 1996, 100, 10490-10496.	2.9	46
263	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. Journal of Physical Organic Chemistry, 1996, 9, 403-410.	1.9	1
264	Synthesis and cathodic cleavage of a set of substituted benzenesulfonamides including the corresponding tert-butyl sulfonylcarbamates: pK _a of sulfonamides. Journal of the Chemical Society Perkin Transactions 1, 1995, , 2025.	0.9	27
265	Semiempirical (AM1) calculations of the proton affinities for N1, N1-dimethylformamidines: success and failures in the description of substituent effects. Journal De Chimie Physique Et De Physico-Chimie Biologique, 1995, 92, 22-36.	0.2	11
266	Acidity of benzoylcarbamates in dimethyl sulfoxide. Confirmation of mixed N/O alkylation in the Mitsunobu reaction. Journal of the Chemical Society Perkin Transactions II, 1993, , 655.	0.9	25
267	A Chiral Sulfoxide-Based C ⁺ H Acid. Synlett, 0, 33, .	1.8	0
268	Electronic Modification of a Sterically Demanding Anionic Pyridine Ligand. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	1.2	1