

# Ivo Leito

## List of Publications by Year in descending order

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268  
papers

10,912  
citations

26567

56  
h-index

39575

94  
g-index

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.	0.6	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.	1.8	3
3	Inducing a pH-dependent conformational response by competitive binding to Zn <sup>2+</sup> of a series of chiral ligands of disparate basicity. <i>Chemical Science</i> , 2022, 13, 2258-2269.	3.7	3
4	Novel Lipophilic Fluorophores with Highly Acidity-Dependent Two-Photon Response. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	0
5	Macrocyclic <i>versus</i> open-chain carbazole receptors for carboxylate binding. <i>Organic and Biomolecular Chemistry</i> , 2022, 20, 2121-2130.	1.5	3
6	Quantifying Acidity in Heterogeneous Systems: Biphasic $pK_a$ Values. <i>Analytical Chemistry</i> , 2022, 94, 4059-4064.	3.2	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, .	1.7	3
8	Electrochemistry and Reactivity of Chelation-stabilized Hypervalent Bromine(III) Compounds. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	9
9	Long-Time Evaluation of Solid-State Composite Reference Electrodes. <i>Membranes</i> , 2022, 12, 569.	1.4	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.	1.8	1
11	Strengths of Acids in Acetonitrile. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1407-1419.	1.2	80
12	Calibration and Uncertainty Estimation for Water Content Measurement in Solids. <i>International Journal of Thermophysics</i> , 2021, 42, 1.	1.0	4
13	Experimental and Computational Study of Aminoacridines as MALDI(+)MS Matrix Materials for the Analysis of Complex Samples. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1080-1095.	1.2	4
14	Quantitative GC-MS Analysis of Artificially Aged Paints with Variable Pigment and Linseed Oil Ratios. <i>Molecules</i> , 2021, 26, 2218.	1.7	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.	1.8	4
16	Bis(4-benzhydrylbenzoxazol-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.	1.7	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.	2.6	3
18	A New Direction in Microfluidics: Printed Porous Materials. <i>Micromachines</i> , 2021, 12, 671.	1.4	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.	2.1	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.	1.9	6
21	Design of Novel Uncharged Organic Superbases: Merging Basicity and Functionality. <i>Accounts of Chemical Research</i> , 2021, 54, 3108-3123.	7.6	31
22	Synthesis and Physicochemical Properties of 2-SF <sub>5</sub> -(Aza)Indoles, a New Family of SF <sub>5</sub> Heterocycles. <i>ACS Organic &amp; Inorganic Au</i> , 2021, 1, 43-50.	1.9	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.	1.0	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.	1.9	3
25	Dependence of the potentiometric response of PEDOT(PSS) on the solubility product of silver salts. <i>Electrochimica Acta</i> , 2021, 390, 138854.	2.6	1
26	Toward Unified pH of Saline Solutions. <i>Water (Switzerland)</i> , 2021, 13, 2522.	1.2	3
27	Quantitative electrospray ionization efficiency scale: 10 years after. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9178.	0.7	4
28	Evaluation and validation of detailed and simplified models of the uncertainty of unified $\text{pH}$ measurements in aqueous solutions. <i>Analytica Chimica Acta</i> , 2021, 1182, 338923.	2.6	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.	1.8	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.	0.9	13
31	Potentiometric Carboxylate Sensors Based on Carbazole-Derived Acyclic and Macrocyclic Ionophores. <i>Chemosensors</i> , 2021, 9, 4.	1.8	7
32	Instrumental techniques in the analysis of natural red textile dyes. <i>Journal of Cultural Heritage</i> , 2020, 42, 19-27.	1.5	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.	1.8	13
34	Highly Acidic Conjugate-Base-Stabilized Carboxylic Acids Catalyze Enantioselective oxo-Pictet-Spengler Reactions with Ketals. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2028-2032.	7.2	34
35	Uncertainty contribution of derivatization in gas chromatography/mass spectrometric analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8704.	0.7	5
36	Highly Acidic Conjugate-Base-Stabilized Carboxylic Acids Catalyze Enantioselective oxo-Pictet-Spengler Reactions with Ketals. <i>Angewandte Chemie</i> , 2020, 132, 2044-2048.	1.6	8

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37	Enantioselective N-Alkylation of Nitroindoles under Phase-Transfer Catalysis. <i>Synthesis</i> , 2020, 52, 1047-1059.	1.2	10
38	Design, synthesis and application of carbazole macrocycles in anion sensors. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 1901-1914.	1.3	12
39	Symmetric Potentiometric Cells for the Measurement of Unified pH Values. <i>Symmetry</i> , 2020, 12, 1150.	1.1	14
40	LogP determination for highly lipophilic hydrogen-bonding anion receptor molecules. <i>Analytica Chimica Acta</i> , 2020, 1132, 123-133.	2.6	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.	1.7	7
42	Contemporary trends in hydrophysical and hydrochemical parameters in the NE Baltic Sea. <i>Estonian Journal of Earth Sciences</i> , 2020, 69, 91.	0.4	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.	6.6	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.	1.1	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.	1.0	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.	1.9	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.	0.7	15
48	Bis(benzoxazolone)ethanes Houding NacNac: Varieties and Applications in Main Group Metal Coordination. <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 3258-3264.	1.0	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.	1.0	4
50	Comparison of derivatization methods for the quantitative gas chromatographic analysis of oils. <i>Analytical Methods</i> , 2019, 11, 3514-3522.	1.3	18
51	On the Basicity of Organic Bases in Different Media. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 6735-6748.	1.2	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.	1.9	13
53	Generalization of Acid-Base Diagrams Based on the Unified pH Scale. <i>ChemPhysChem</i> , 2019, 20, 1779-1785.	1.0	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.	1.2	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.	1.9	10
56	Simple and scalable synthesis of the carborane anion $\text{CB}_{11}\text{H}_{12}^{\ominus}$ . <i>Dalton Transactions</i> , 2019, 48, 7499-7502.	1.6	17
57	Synthesis and photophysics of a series of lipophilic phosphazene-based fluorescent indicators. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3950.	0.9	12
58	Solid-contact Acetate-selective Electrode Based on a 1,3-bis(carbazolyl)urea ionophore. <i>Electroanalysis</i> , 2019, 31, 1061-1066.	1.5	10
59	Estimating Uncertainties in Oceanographic Trace Element Measurements. <i>Frontiers in Marine Science</i> , 2019, 5, .	1.2	6
60	Determination of $\text{p}K_{\text{a}}$ values of fluorocompounds in water using $^{19}\text{F}$ NMR. <i>Journal of Physical Organic Chemistry</i> , 2019, 32, e3940.	0.9	15
61	Reflectance FT-IR spectroscopy as a viable option for textile fiber identification. <i>Heritage Science</i> , 2019, 7, .	1.0	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.	0.7	9
63	Validation and extension of the gas-phase superacidity scale. <i>Rapid Communications in Mass Spectrometry</i> , 2019, , e8598.	0.7	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.	4.6	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.	1.6	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.	1.2	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.	1.6	2
68	Comparative validation of amperometric and optical analyzers of dissolved oxygen: a case study. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 313.	1.3	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.	7.2	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.	7.2	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 <sub>3</sub> B)-2,6-Mes <sub>2</sub> Py] <sup>+</sup> : A Sterically Demanding Anionic Pyridine. <i>Chemistry - A European Journal</i> , 2018, 24, 16851-16856.	1.7	6

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73	pKa values in organic chemistry – Making maximum use of the available data. <i>Tetrahedron Letters</i> , 2018, 59, 3738-3748.	0.7	117
74	Prediction of partition and distribution coefficients in various solvent pairs with COSMO-RS. <i>Journal of Computer-Aided Molecular Design</i> , 2018, 32, 711-722.	1.3	10
75	Utilization of data below the analytical limit of quantitation in pharmacokinetic analysis and modeling: promoting interdisciplinary debate. <i>Bioanalysis</i> , 2018, 10, 1229-1248.	0.6	17
76	Social food here and hereafter: Multiproxy analysis of gender-specific food consumption in conversion period inhumation cemetery at Kukruse, NE-Estonia. <i>Journal of Archaeological Science</i> , 2018, 97, 90-101.	1.2	12
77	Effect of charged and <i>ortho</i> substituents on <sup>17</sup> O NMR chemical shifts of substituted phenyl tosylates in DMSO. <i>Journal of Physical Organic Chemistry</i> , 2018, 31, e3870.	0.9	1
78	Approaching sub-ppm-level asymmetric organocatalysis of a highly challenging and scalable carbon-carbon bond forming reaction. <i>Nature Chemistry</i> , 2018, 10, 888-894.	6.6	79
79	Biphasic pKa Values. <i>Croatica Chemica Acta</i> , 2018, 91, .	0.1	3
80	Multidentate Anion Receptors for Binding Glyphosate Dianion: Structure and Affinity. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 1396-1406.	1.2	7
81	Determination of glyphosate in surface water with high organic matter content. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7880-7888.	2.7	16
82	Synthesis and properties of highly lipophilic phosphazene bases. <i>Tetrahedron Letters</i> , 2017, 58, 2098-2102.	0.7	9
83	1,1,3,3-tetratriflylpropen (TTP): eine starke, allylische C-H für die Brønsted- und Lewis-Acid-Katalyse. <i>Angewandte Chemie</i> , 2017, 129, 1433-1437.	1.6	12
84	Think Negative: Finding the Best Electrospray Ionization/MS Mode for Your Analyte. <i>Analytical Chemistry</i> , 2017, 89, 5665-5668.	3.2	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. <i>Journal of Mass Spectrometry</i> , 2017, 52, 603-617.	0.7	11
86	On the Basicity of Conjugated Nitrogen Heterocycles in Different Media. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4475-4489.	1.2	121
87	1,1,3,3-tetratriflylpropene (TTP): A Strong, Allylic C-H Acid for Brønsted and Lewis Acid Catalysis. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1411-1415.	7.2	30
88	Hydrogen-Bond Donicity in DMSO and Gas Phase and Its Dependence on Brønsted Acidity. <i>Journal of Physical Chemistry A</i> , 2017, 121, 357-369.	1.1	11
89	Sponge Spray – Reaching New Dimensions of Direct Sampling and Analysis by MS. <i>Analytical Chemistry</i> , 2017, 89, 11592-11597.	3.2	20
90	Predicting Relative Stability of Conformers in Solution with COSMO-RS. <i>Journal of Physical Chemistry A</i> , 2017, 121, 6823-6829.	1.1	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.	1.2	16
92	MALDI-FT-ICR-MS for archaeological lipid residue analysis. <i>Journal of Mass Spectrometry</i> , 2017, 52, 689-700.	0.7	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.	1.2	15
94	A unified view to Brønsted acidity scales: do we need solvated protons?. <i>Chemical Science</i> , 2017, 8, 6964-6973.	3.7	59
95	Systematic Optimization of Liquid-Liquid Extraction for Isolation of Unidentified Components. <i>ACS Omega</i> , 2017, 2, 7772-7776.	1.6	16
96	MALDI-FT-ICR-MS for archaeological lipid residue analysis. <i>Journal of Mass Spectrometry</i> , 2017, 52, ii.	0.7	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.	0.9	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.	2.0	88
99	Strategy of <i>Pseudomonas pseudoalcaligenes</i> C70 for effective degradation of phenol and salicylate. <i>PLoS ONE</i> , 2017, 12, e0173180.	1.1	19
100	Experimental Basicities of Superbasic Phosphonium Ylides and Phosphazenes. <i>Journal of Organic Chemistry</i> , 2016, 81, 7349-7361.	1.7	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.	0.7	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.	1.1	51
103	ATR-FT-IR spectral collection of conservation materials in the extended region of 4000-80 cm <sup>-1</sup> . <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 3373-3379.	1.9	158
104	Acidity of Strong Acids in Water and Dimethyl Sulfoxide. <i>Journal of Physical Chemistry A</i> , 2016, 120, 3663-3669.	1.1	140
105	Synthesis of Chiral Phosphazene Bases. <i>Chemistry of Heterocyclic Compounds</i> , 2016, 52, 541-545.	0.6	2
106	<sup>15</sup> 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.	1.7	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.	2.6	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.	2.6	24



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109	Basicity of Very Weak Bases in 1,2-Dichloroethane. <i>Chemistry - A European Journal</i> , 2016, 22, 17445-17449.	1.7	10
110	Covalent attachment of polymeric monolith to polyether ether ketone (PEEK) tubing. <i>Analytica Chimica Acta</i> , 2016, 932, 114-123.	2.6	19
111	Establishing Atmospheric Pressure Chemical Ionization Efficiency Scale. <i>Analytical Chemistry</i> , 2016, 88, 3435-3439.	3.2	22
112	Basicity Limits of Neutral Organic Superbases. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9262-9265.	7.2	72
113	Solution and Gas-Phase Acidities of <i>trans</i> - ( <i>trans</i> - ) Retinoic Acid: An Experimental and Computational Study. <i>Chemistry - A European Journal</i> , 2015, 21, 11238-11243.	1.7	2
114	Tutorial review on validation of liquid chromatography-mass spectrometry methods: Part I. <i>Analytica Chimica Acta</i> , 2015, 870, 29-44.	2.6	208
115	Using MOOCs for teaching analytical chemistry: experience at University of Tartu. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 1277-1281.	1.9	26
116	Unified pH Values of Liquid Chromatography Mobile Phases. <i>Analytical Chemistry</i> , 2015, 87, 2623-2630.	3.2	46
117	Application of enriched stable <sup>196</sup> Hg isotope for monitoring the stability of total mercury in water samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2015, 95, 1-15.	1.8	6
118	Superacidity of closo-Dodecaborate-Based Brønsted Acids: a DFT Study. <i>Journal of Physical Chemistry A</i> , 2015, 119, 735-743.	1.1	39
119	Tutorial review on validation of liquid chromatography-mass spectrometry methods: Part II. <i>Analytica Chimica Acta</i> , 2015, 870, 8-28.	2.6	217
120	Paper spray ionization mass spectrometry: Study of a method for fast-screening analysis of pesticides in fruits and vegetables. <i>Journal of Food Composition and Analysis</i> , 2015, 41, 221-225.	1.9	43
121	Towards the Discrimination of Carboxylates by Hydrogen-Bond Donor Anion Receptors. <i>Chemistry - A European Journal</i> , 2015, 21, 5145-5160.	1.7	34
122	European analytical column. <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 67, 217-219.	5.8	0
123	European Analytical Column No. 43. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 2653-2656.	1.9	0
124	Conformational Switching of a Foldamer in a Multicomponent System by pH-Filtered Selection between Competing Noncovalent Interactions. <i>Journal of the American Chemical Society</i> , 2015, 137, 6680-6691.	6.6	60
125	Differences in extracellular glutamate levels in striatum of rats with high and low exploratory activity. <i>Pharmacological Reports</i> , 2015, 67, 858-865.	1.5	6
126	Fluoro- and Perfluoroalkylsulfonylpentafluoroanilides: Synthesis and Characterization of NH Acids for Weakly Coordinating Anions and Their Gas-Phase and Solution Acidities. <i>Chemistry - A European Journal</i> , 2015, 21, 5769-5782.	1.7	20



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127	A personal view on metrology in chemical analysis. Accreditation and Quality Assurance, 2015, 20, 229-231.	0.4	1
128	Absolute Brønsted Acidities and pH Scales in Ionic Liquids. ChemPhysChem, 2015, 16, 1428-1439.	1.0	23
129	Application of the Nordtest method for "real-time" uncertainty estimation of on-line field measurement. Environmental Monitoring and Assessment, 2015, 187, 630.	1.3	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.	1.9	4
131	Transferability of the Electrospray Ionization Efficiency Scale between Different Instruments. Journal of the American Society for Mass Spectrometry, 2015, 26, 1923-1930.	1.2	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.	1.2	18
134	Basicities of Strong Bases in Water: A Computational Study. Croatica Chemica Acta, 2014, 87, 385-395.	0.1	92
135	Bias in clinical chemistry. Bioanalysis, 2014, 6, 2855-2875.	0.6	57
136	Very Strong Organosuperbases Formed by Combining Imidazole and Guanidine Bases: Synthesis, Structure, and Basicity. Angewandte Chemie - International Edition, 2014, 53, 1435-1438.	7.2	66
137	2,5-Dihydroxybenzoic acid solution in MALDI-MS: ageing and use for mass calibration. Journal of Mass Spectrometry, 2014, 49, 970-979.	0.7	16
138	Effect of Mobile Phase on Electrospray Ionization Efficiency. Journal of the American Society for Mass Spectrometry, 2014, 25, 1853-1861.	1.2	61
139	Negative Electrospray Ionization via Deprotonation: Predicting the Ionization Efficiency. Analytical Chemistry, 2014, 86, 4822-4830.	3.2	99
140	Planar Chiral Phosphoric Acids with Biphenylene-Tethered Paracyclophane Scaffolds: Synthesis, Characterization, and Catalytic Screening. Journal of Organic Chemistry, 2014, 79, 9639-9646.	1.7	26
141	Proficiency test of pH, conductivity and dissolved oxygen concentration field measurements in river water. Accreditation and Quality Assurance, 2014, 19, 259-268.	0.4	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.	2.4	10
143	Influence of Water Content on Basicities in Acetonitrile. Journal of Solution Chemistry, 2014, 43, 1270-1281.	0.6	7
144	Validation of a new measuring system for water turbidity field measurements. Accreditation and Quality Assurance, 2014, 19, 175-183.	0.4	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.	0.9	20
146	NMR Method for Simultaneous Host-Guest Binding Constant Measurement. <i>Journal of Organic Chemistry</i> , 2014, 79, 2501-2513.	1.7	35
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