

Ivo Leito

List of Publications by Year in Descending Order

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Version: 2024-04-18

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

257
papers

8,747
citations

52
h-index

85
g-index

278
ext. papers

9,987
ext. citations

4.4
avg, IF

6.09
L-index

#	Paper	IF	Citations
257	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	4.5	0
256	Inducing a pH-dependent conformational response by competitive binding to Zn of a series of chiral ligands of disparate basicity.. <i>Chemical Science</i> , 2022 , 13, 2258-2269	9.4	0
255	Long-Time Evaluation of Solid-State Composite Reference Electrodes. <i>Membranes</i> , 2022 , 12, 569	3.8	0
254	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	2.1	2
253	Potentiometric Carboxylate Sensors Based on Carbazole-Derived Acyclic and Macrocyclic Ionophores. <i>Chemosensors</i> , 2021 , 9, 4	4	2
252	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	3.5	0
251	Quantitative GC-MS Analysis of Artificially Aged Paints with Variable Pigment and Linseed Oil Ratios. <i>Molecules</i> , 2021 , 26,	4.8	2
250	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	3.4	0
249	Bis(4-benzhydryl-benzoxazol-2-yl)methane - from a Bulky NaCN Alternative to a Trianion in Alkali Metal Complexes. <i>Chemistry - A European Journal</i> , 2021 , 27, 9858-9865	4.8	4
248	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	6.6	0
247	A New Direction in Microfluidics: Printed Porous Materials. <i>Micromachines</i> , 2021 , 12,	3.3	1
246	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	5.1	3
245	Strengths of Acids in Acetonitrile. <i>European Journal of Organic Chemistry</i> , 2021 , 2021, 1407-1419	3.2	16
244	Calibration and Uncertainty Estimation for Water Content Measurement in Solids. <i>International Journal of Thermophysics</i> , 2021 , 42, 1	2.1	1
243	Design of Novel Uncharged Organic Superbases: Merging Basicity and Functionality. <i>Accounts of Chemical Research</i> , 2021 , 54, 3108-3123	24.3	4
242	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	3.2	0
241	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	4.4	0

240	Dependence of the potentiometric response of PEDOT(PSS) on the solubility product of silver salts. <i>Electrochimica Acta</i> , 2021 , 390, 138854	6.7	1
239	Toward Unified pH of Saline Solutions. <i>Water (Switzerland)</i> , 2021 , 13, 2522	3	0
238	Quantitative electrospray ionization efficiency scale: 10 years after. <i>Rapid Communications in Mass Spectrometry</i> , 2021 , 35, e9178	2.2	2
237	Evaluation and validation of detailed and simplified models of the uncertainty of unified [Formula: see text] measurements in aqueous solutions. <i>Analytica Chimica Acta</i> , 2021 , 1182, 338923	6.6	0
236	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	4.5	0
235	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	2.8	1
234	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	1
233	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	4.5	5
232	Highly Acidic Conjugate-Base-Stabilized Carboxylic Acids Catalyze Enantioselective oxa-Pictet-Spengler Reactions with Ketals. <i>Angewandte Chemie - International Edition</i> , 2020 , 59, 2028-2032	16.4	23
231	Uncertainty contribution of derivatization in gas chromatography/mass spectrometric analysis. <i>Rapid Communications in Mass Spectrometry</i> , 2020 , 34, e8704	2.2	2
230	Highly Acidic Conjugate-Base-Stabilized Carboxylic Acids Catalyze Enantioselective oxa-Pictet-Spengler Reactions with Ketals. <i>Angewandte Chemie</i> , 2020 , 132, 2044-2048	3.6	4
229	Enantioselective N-Alkylation of Nitroindoles under Phase-Transfer Catalysis. <i>Synthesis</i> , 2020 , 52, 1047-1059	10.9	7
228	Design, synthesis and application of carbazole macrocycles in anion sensors. <i>Beilstein Journal of Organic Chemistry</i> , 2020 , 16, 1901-1914	2.5	6
227	Symmetric Potentiometric Cells for the Measurement of Unified pH Values. <i>Symmetry</i> , 2020 , 12, 1150	2.7	4
226	LogP determination for highly lipophilic hydrogen-bonding anion receptor molecules. <i>Analytica Chimica Acta</i> , 2020 , 1132, 123-133	6.6	5
225	Synthesis and Basicity Studies of Quinolino[7,8-]quinoline Derivatives. <i>Journal of Organic Chemistry</i> , 2020 , 85, 11297-11308	4.2	3
224	Contemporary trends in hydrophysical and hydrochemical parameters in the NE Baltic Sea. <i>Estonian Journal of Earth Sciences</i> , 2020 , 69, 91	1	3
223	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	16.4	13

222	Instrumental techniques in the analysis of natural red textile dyes. <i>Journal of Cultural Heritage</i> , 2020 , 42, 19-27	2.9	3
221	On the Basicity of Organic Bases in Different Media. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 6735-6748	3.2	110
220	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	4.4	7
219	Generalization of Acid-Base Diagrams Based on the Unified pH-Scale. <i>ChemPhysChem</i> , 2019 , 20, 1779-1785	3.5	3
218	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	3.2	6
217	ESI outcompetes other ion sources in LC/MS trace analysis. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 3533-3542	4.4	4
216	Simple and scalable synthesis of the carborane anion CBH. <i>Dalton Transactions</i> , 2019 , 48, 7499-7502	4.3	12
215	Synthesis and photophysics of a series of lipophilic phosphazene-based fluorescent indicators. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3950	2.1	8
214	Solid-contact Acetate-selective Electrode Based on a 1,3-bis(carbazolyl)urea-ionophore. <i>Electroanalysis</i> , 2019 , 31, 1061-1066	3	6
213	Estimating Uncertainties in Oceanographic Trace Element Measurements. <i>Frontiers in Marine Science</i> , 2019 , 5,	4.5	5
212	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	2.2	10
211	Bis(benzoxazol-2-yl)methanes Hounding NacNac: Varieties and Applications in Main Group Metal Coordination. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3258-3264	2.3	9
210	Three Fluorinated Trityl Alcohols and their Lithium Salts [Synthesis, Molecular Structures, and Acidity. <i>European Journal of Inorganic Chemistry</i> , 2019 , 2019, 3612-3618	2.3	1
209	Comparison of derivatization methods for the quantitative gas chromatographic analysis of oils. <i>Analytical Methods</i> , 2019 , 11, 3514-3522	3.2	10
208	Validation and extension of the gas-phase superacidity scale. <i>Rapid Communications in Mass Spectrometry</i> , 2019 , e8598	2.2	
207	Determination of pKa values of fluorocompounds in water using ¹⁹ F NMR. <i>Journal of Physical Organic Chemistry</i> , 2019 , 32, e3940	2.1	9
206	Reflectance FT-IR spectroscopy as a viable option for textile fiber identification. <i>Heritage Science</i> , 2019 , 7,	2.5	31
205	Gas phase basicity of biguanides [Comparison of the equilibrium and the kinetic methods. <i>International Journal of Mass Spectrometry</i> , 2019 , 435, 61-68	1.9	3

204	Comment on α -templated 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, Green Chemistry, 2015, 17, 1390-1394. <i>Green Chemistry</i> , 2018 , 20, 2392-2394	10	1
203	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	3.6	2
202	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	3.2	6
201	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	3.6	1
200	Comparative validation of amperometric and optical analyzers of dissolved oxygen: a case study. <i>Environmental Monitoring and Assessment</i> , 2018 , 190, 313	3.1	6
199	Utilization of data below the analytical limit of quantitation in pharmacokinetic analysis and modeling: promoting interdisciplinary debate. <i>Bioanalysis</i> , 2018 , 10, 1229-1248	2.1	11
198	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	2.9	6
197	Effect of charged and ortho substituents on ^{17}O NMR chemical shifts of substituted phenyl tosylates in DMSO. <i>Journal of Physical Organic Chemistry</i> , 2018 , 31, e3870	2.1	1
196	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	17.6	54
195	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	16.4	12
194	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	16.4	10
193	[4-(Ph B)-2,6-Mes Py] : A Sterically Demanding Anionic Pyridine. <i>Chemistry - A European Journal</i> , 2018 , 24, 16851-16856	4.8	4
192	pKa values in organic chemistry - Making maximum use of the available data. <i>Tetrahedron Letters</i> , 2018 , 59, 3738-3748	2	72
191	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	4.2	5
190	Multidentate Anion Receptors for Binding Glyphosate Dianion: Structure and Affinity. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 1396-1406	3.2	6
189	Determination of glyphosate in surface water with high organic matter content. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 7880-7888	5.1	13
188	Synthesis and properties of highly lipophilic phosphazene bases. <i>Tetrahedron Letters</i> , 2017 , 58, 2098-2102	2	6
187	1,1,3,3-Tetratrimethylpropen (TTP): eine starke, allylische C-H-Säure für die Brønsted- und Lewis-Säure-Katalyse. <i>Angewandte Chemie</i> , 2017 , 129, 1433-1437	3.6	10

186	Think Negative: Finding the Best Electrospray Ionization/MS Mode for Your Analyte. <i>Analytical Chemistry</i> , 2017 , 89, 5665-5668	7.8	45
185	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	2.2	9
184	On the Basicity of Conjugated Nitrogen Heterocycles in Different Media. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 4475-4489	3.2	77
183	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	16.4	24
182	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	2.8	10
181	Sponge Spray-Reaching New Dimensions of Direct Sampling and Analysis by MS. <i>Analytical Chemistry</i> , 2017 , 89, 11592-11597	7.8	13
180	Strategy of <i>Pseudomonas pseudoalcaligenes</i> C70 for effective degradation of phenol and salicylate. <i>PLoS ONE</i> , 2017 , 12, e0173180	3.7	12
179	Predicting Relative Stability of Conformers in Solution with COSMO-RS. <i>Journal of Physical Chemistry A</i> , 2017 , 121, 6823-6829	2.8	9
178	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	3.2	12
177	MALDI-FT-ICR-MS for archaeological lipid residue analysis. <i>Journal of Mass Spectrometry</i> , 2017 , 52, 689-700	7.0	9
176	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	3.5	9
175	A unified view to Brønsted acidity scales: do we need solvated protons?. <i>Chemical Science</i> , 2017 , 8, 6964-6973	6.7	39
174	Systematic Optimization of Liquid-Liquid Extraction for Isolation of Unidentified Components. <i>ACS Omega</i> , 2017 , 2, 7772-7776	3.9	9
173	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	2.1	1
172	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	4.4	56
171	Tutorial on estimating the limit of detection using LC-MS analysis, part I: Theoretical review. <i>Analytica Chimica Acta</i> , 2016 , 942, 23-39	6.6	34
170	Tutorial on estimating the limit of detection using LC-MS analysis, part II: Practical aspects. <i>Analytica Chimica Acta</i> , 2016 , 942, 40-49	6.6	15
169	Basicity of Very Weak Bases in 1,2-Dichloroethane. <i>Chemistry - A European Journal</i> , 2016 , 22, 17445-17449	4.8	4

168	Covalent attachment of polymeric monolith to polyether ether ketone (PEEK) tubing. <i>Analytica Chimica Acta</i> , 2016 , 932, 114-23	6.6	17
167	Establishing Atmospheric Pressure Chemical Ionization Efficiency Scale. <i>Analytical Chemistry</i> , 2016 , 88, 3435-9	7.8	19
166	Experimental Basicities of Superbasic Phosphonium Ylides and Phosphazenes. <i>Journal of Organic Chemistry</i> , 2016 , 81, 7349-61	4.2	32
165	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, 455-64	2.2	16
164	Experimental Basicities of Phosphazene, Guanidinophosphazene, and Proton Sponge Superbases in the Gas Phase and Solution. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 2591-604	2.8	43
163	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, 3373-9	4.4	111
162	Acidity of Strong Acids in Water and Dimethyl Sulfoxide. <i>Journal of Physical Chemistry A</i> , 2016 , 120, 3663-9	2.8	99
161	Synthesis of Chiral Phosphazene Bases. <i>Chemistry of Heterocyclic Compounds</i> , 2016 , 52, 541-545	1.4	2
160	(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, 7612-25	4.2	25
159	Superacidity of closo-dodecaborate-based Brønsted acids: a DFT study. <i>Journal of Physical Chemistry A</i> , 2015 , 119, 735-43	2.8	35
158	Tutorial review on validation of liquid chromatography-mass spectrometry methods: part II. <i>Analytica Chimica Acta</i> , 2015 , 870, 8-28	6.6	146
157	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	4.1	37
156	Towards the discrimination of carboxylates by hydrogen-bond donor anion receptors. <i>Chemistry - A European Journal</i> , 2015 , 21, 5145-60	4.8	30
155	European analytical column. <i>TrAC - Trends in Analytical Chemistry</i> , 2015 , 67, 217-219	14.6	
154	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, 6680-91	16.4	44
153	Differences in extracellular glutamate levels in striatum of rats with high and low exploratory activity. <i>Pharmacological Reports</i> , 2015 , 67, 858-65	3.9	5
152	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, 5769-82	4.8	17
151	A personal view on metrology in chemical analysis. <i>Accreditation and Quality Assurance</i> , 2015 , 20, 229-236	6.7	1

150	Absolute Brønsted Acidities and pH Scales in Ionic Liquids. <i>ChemPhysChem</i> , 2015 , 16, 1428-39	3.2	22
149	Application of the Nordtest method for "real-time" uncertainty estimation of on-line field measurement. <i>Environmental Monitoring and Assessment</i> , 2015 , 187, 630	3.1	5
148	A summer school where master students learn the skills needed to work in an accredited analytical laboratory. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 6899-907	4.4	2
147	Transferability of the electrospray ionization efficiency scale between different instruments. <i>Journal of the American Society for Mass Spectrometry</i> , 2015 , 26, 1923-30	3.5	20
146	Basicity Limits of Neutral Organic Superbases. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9262-64	5.4	54
145	Solution and gas-phase acidities of all-trans (all-E) retinoic acid: an experimental and computational study. <i>Chemistry - A European Journal</i> , 2015 , 21, 11238-43	4.8	1
144	Basicity Limits of Neutral Organic Superbases. <i>Angewandte Chemie</i> , 2015 , 127, 9394-9397	3.6	11
143	Tutorial review on validation of liquid chromatography-mass spectrometry methods: part I. <i>Analytica Chimica Acta</i> , 2015 , 870, 29-44	6.6	161
142	Using MOOCs for teaching analytical chemistry: experience at University of Tartu. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 1277-81	4.4	13
141	Unified pH values of liquid chromatography mobile phases. <i>Analytical Chemistry</i> , 2015 , 87, 2623-30	7.8	30
140	Application of enriched stable ¹⁹⁶ 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	5
139	METefnet: developments in metrology for moisture in materials 2015 ,		2
138	Very strong organosuperbases formed by combining imidazole and guanidine bases: synthesis, structure, and basicity. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 1435-8	16.4	55
137	2,5-Dihydroxybenzoic acid solution in MALDI-MS: ageing and use for mass calibration. <i>Journal of Mass Spectrometry</i> , 2014 , 49, 970-9	2.2	12
136	Effect of mobile phase on electrospray ionization efficiency. <i>Journal of the American Society for Mass Spectrometry</i> , 2014 , 25, 1853-61	3.5	46
135	Negative electrospray ionization via deprotonation: predicting the ionization efficiency. <i>Analytical Chemistry</i> , 2014 , 86, 4822-30	7.8	81
134	Planar chiral phosphoric acids with biphenylene-tethered paracyclophane scaffolds: synthesis, characterization, and catalytic screening. <i>Journal of Organic Chemistry</i> , 2014 , 79, 9639-46	4.2	23
133	Proficiency test of pH, conductivity and dissolved oxygen concentration field measurements in river water. <i>Accreditation and Quality Assurance</i> , 2014 , 19, 259-268	0.7	1

132	Alternative eluent composition for LC-MS analysis of perfluoroalkyl acids in raw fish samples. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 5259-68	5.7	9
131	Influence of Water Content on Basicities in Acetonitrile. <i>Journal of Solution Chemistry</i> , 2014 , 43, 1270-1288		7
130	Validation of a new measuring system for water turbidity field measurements. <i>Accreditation and Quality Assurance</i> , 2014 , 19, 175-183	0.7	7
129	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	2.1	19
128	NMR method for simultaneous host-guest binding constant measurement. <i>Journal of Organic Chemistry</i> , 2014 , 79, 2501-13	4.2	26
127	ATR-FTIR spectroscopy and quantitative multivariate analysis of paints and coating materials. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014 , 133, 207-13	4.4	43
126	Sehr starke Organosuperbasen durch Verknüpfung von Imidazol- und Guanidinbasen. Synthese, Struktur und Basizität. <i>Angewandte Chemie</i> , 2014 , 126, 1459-1462	3.6	14
125	Gas-phase lithium cation basicity: revisiting the high basicity range by experiment and theory. <i>Journal of the American Society for Mass Spectrometry</i> , 2014 , 25, 1962-73	3.5	17
124	Basicities of Strong Bases in Water: A Computational Study. <i>Croatica Chemica Acta</i> , 2014 , 87, 385-395	0.8	74
123	Bias in clinical chemistry. <i>Bioanalysis</i> , 2014 , 6, 2855-75	2.1	43
122	Acidities of strong neutral Brønsted acids in different media. <i>Journal of Physical Organic Chemistry</i> , 2013 , 26, 162-170	2.1	167
121	The basicity of substituted N,N-dimethylanilines in solution and in the gas phase. <i>Journal of Physical Organic Chemistry</i> , 2013 , 26, 171-181	2.1	20
120	Accurate method to quantify binding in supramolecular chemistry. <i>Journal of Organic Chemistry</i> , 2013 , 78, 7796-808	4.2	25
119	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, 11569-72	16.4	127
118	Dissolved Oxygen Concentration Interlaboratory Comparison: What Can We Learn?. <i>Water (Switzerland)</i> , 2013 , 5, 420-442	3	20
117	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		3
116	Synthesis of Electron-Rich Sterically Hindered P1 Phosphazene Bases by the Staudinger Reaction. <i>European Journal of Organic Chemistry</i> , 2013 , 2013, 1811-1823	3.2	16
115	Evaluating the COSMO-RS method for modeling hydrogen bonding in solution. <i>ChemPhysChem</i> , 2013 , 14, 1909-19	3.2	7

114	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	3.2	39
113	Electronic effects of triarylphosphines in metal-free hydrogen activation: a kinetic and computational study. <i>Chemical Science</i> , 2013 , 4, 2788	9.4	85
112	The effect of water contamination on the dew-point temperature scale realization with humidity generators. <i>Metrologia</i> , 2013 , 50, 329-336	2.1	2
111	Ensuring repeatability and robustness of poly(glycidyl methacrylate-co-ethylene dimethacrylate) HPLC monolithic columns of 3 mm id through covalent bonding to the column wall. <i>Journal of Separation Science</i> , 2013 , 36, 2458-63	3.4	4
110	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
109	Sodium adduct formation efficiency in ESI source. <i>Journal of Mass Spectrometry</i> , 2013 , 48, 695-702	2.2	83
108	On the Acidity and Reactivity of Highly Effective Chiral Brønsted Acid Catalysts: Establishment of an Acidity Scale. <i>Angewandte Chemie</i> , 2013 , 125, 11783-11786	3.6	53
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