

# Mattijs Alsem

## List of Publications by Year in descending order

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141  
papers

4,009  
citations

117571

34  
h-index

161767

54  
g-index

564  
all docs

564  
docs citations

564  
times ranked

5244  
citing authors

#	ARTICLE	IF	CITATIONS
1	Definitions of terms relating to mass spectrometry (IUPAC Recommendations 2013). Pure and Applied Chemistry, 2013, 85, 1515-1609.	0.9	305
2	Electrospray Ionization Mass Spectrometry: A Major Tool to Investigate Reaction Mechanisms in Both Solution and the Gas Phase. European Journal of Mass Spectrometry, 2007, 13, 19-28.	0.5	182
3	Determination of the phenolic composition from Brazilian tropical fruits by UHPLC-MS/MS. Food Chemistry, 2015, 180, 280-287.	4.2	122
4	The Bridge Connecting Gas-Phase and Solution Chemistries. Angewandte Chemie - International Edition, 2011, 50, 5261-5263.	7.2	116
5	Electrospray mass and tandem mass spectrometry identification of ozone oxidation products of amino acids and small peptides. Journal of the American Society for Mass Spectrometry, 2000, 11, 526-535.	1.2	110
6	Triple-stage pentaquadrupole (QqQqQ) mass spectrometry and ion/molecule reactions. Mass Spectrometry Reviews, 1997, 16, 113-144.	2.8	109
7	Polycyclic aromatic hydrocarbons (PAHs) in street dust of Rio de Janeiro and Niterói, Brazil: Particle size distribution, sources and cancer risk assessment. Science of the Total Environment, 2017, 599-600, 305-313.	3.9	88
8	Multicenter Study Using Desorption-Electrospray-Ionization-Mass-Spectrometry Imaging for Breast-Cancer Diagnosis. Analytical Chemistry, 2018, 90, 11324-11332.	3.2	70
9	The role of ionic liquids in co-catalysis of Baylis-Hillman reaction: interception of supramolecular species via electrospray ionization mass spectrometry. Journal of Physical Organic Chemistry, 2006, 19, 731-736.	0.9	69
10	Sequential high pressure extractions applied to recover piceatannol and scirpusin B from passion fruit bagasse. Food Research International, 2016, 85, 51-58.	2.9	65
11	Effects of high-intensity ultrasound process parameters on the phenolic compounds recovery from araticum peel. Ultrasonics Sonochemistry, 2019, 50, 82-95.	3.8	61
12	In Situ DESI-MSI Lipidomic Profiles of Breast Cancer Molecular Subtypes and Precursor Lesions. Cancer Research, 2020, 80, 1246-1257.	0.4	61
13	Structurally diagnostic ion/molecule reactions: class and functional-group identification by mass spectrometry. Journal of Mass Spectrometry, 2006, 41, 141-156.	0.7	60
14	Transacetalization with Acylium Ions. A Structurally Diagnostic Ion/Molecule Reaction for Cyclic Acetals and Ketals in the Gas Phase. Journal of Organic Chemistry, 1997, 62, 5096-5103.	1.7	58
15	Petroleomics via Orbitrap mass spectrometry with resolving power above 10000 at m/z > 200. RSC Advances, 2018, 8, 6183-6191.	1.7	58
16	Serine octamer metaclusters: formation, structure elucidation and implications for homochiral polymerization. Chemical Communications, 2001, , 1854-1855.	2.2	55
17	Information seeking by parents of children with physical disabilities: An exploratory qualitative study. Research in Developmental Disabilities, 2017, 60, 125-134.	1.2	53
18	Water solubilization of ethanol and BTEX from gasoline: on-line monitoring by membrane introduction mass spectrometry. Analyst, The, 2002, 127, 230-234.	1.7	52

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19	Vapors from Ionic Liquids: Reconciling Simulations with Mass Spectrometric Data. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3435-3441.	2.1	51
20	Lipidome signatures in early bovine embryo development. <i>Theriogenology</i> , 2016, 86, 472-484.e1.	0.9	49
21	Long-chain acyl-CoA synthetase 6 regulates lipid synthesis and mitochondrial oxidative capacity in human and rat skeletal muscle. <i>Journal of Physiology</i> , 2017, 595, 677-693.	1.3	48
22	Relative carbonyl isocyanate cation [OCNCO] <sup>+</sup> affinities of pyridines determined by the kinetic method using multiple-stage (MS3) mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1995, 30, 807-816.	0.7	45
23	Comprehensive characterization of lipids from Amazonian vegetable oils by mass spectrometry techniques. <i>Food Research International</i> , 2014, 64, 472-481.	2.9	44
24	Direct Protocol for Ambient Mass Spectrometry Imaging on Agar Culture. <i>Analytical Chemistry</i> , 2015, 87, 6925-6930.	3.2	44
25	Rapid fingerprinting of sterols and related compounds in vegetable and animal oils and phytosterol enriched-margarines by transmission mode direct analysis in real time mass spectrometry. <i>Food Chemistry</i> , 2016, 211, 661-668.	4.2	44
26	Ion-molecule reactions and collision-activated dissociation of C <sub>4</sub> H <sub>4</sub> <sup>+</sup> isomers: A case study in the use of the MS3 capabilities of a pentaquadrupole mass spectrometer. <i>Journal of the American Society for Mass Spectrometry</i> , 1992, 3, 518-534.	1.2	43
27	Imprint Desorption Electrospray Ionization Mass Spectrometry Imaging for Monitoring Secondary Metabolites Production during Antagonistic Interaction of Fungi. <i>Analytical Chemistry</i> , 2015, 87, 12298-12305.	3.2	43
28	Mass spectrometry on-line monitoring and MS2 product characterization of TiO <sub>2</sub> /UV photocatalytic degradation of chlorinated volatile organic compounds. <i>Journal of the American Society for Mass Spectrometry</i> , 1998, 9, 1321-1327.	1.2	41
29	Trace level analysis of VOCs and semi-VOCs in aqueous solution using a direct insertion membrane probe and trap and release membrane introduction mass spectrometry. <i>Analyst</i> , The, 2000, 125, 21-24.	1.7	41
30	Locating the Charge Site in Heteroaromatic Cations. <i>Chemistry - A European Journal</i> , 1998, 4, 1161-1168.	1.7	39
31	Intrinsic Gas-Phase Electrophilic Reactivity of Cyclic N-Alkyl- and N-Acyliminium Ions. <i>Journal of Organic Chemistry</i> , 2001, 66, 3854-3864.	1.7	39
32	Typification and quality control of the Andiroba ( <i>Carapa guianensis</i> ) oil via mass spectrometry fingerprinting. <i>Analytical Methods</i> , 2013, 5, 1385.	1.3	38
33	Ketalization of gaseous acylium ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 150-162.	1.2	35
34	Petroleomics by ion mobility mass spectrometry: resolution and characterization of contaminants and additives in crude oils and petrofuels. <i>Analytical Methods</i> , 2015, 7, 4450-4463.	1.3	34
35	Effects of supercritical carbon dioxide and thermal treatment on the inulin chemical stability and functional properties of prebiotic-enriched apple juice. <i>Food Research International</i> , 2019, 125, 108561.	2.9	34
36	Multiple stage pentaquadrupole mass spectrometry for generation and characterization of gas-phase ionic species. The case of the PyC <sub>2</sub> H <sub>5</sub> <sup>+</sup> A <sup>+</sup> isomers. <i>Journal of the American Society for Mass Spectrometry</i> , 1996, 7, 1126-1137.	1.2	33

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37	Amino acid quantitation in aqueous matrices via trap and release membrane introduction mass spectrometry: homocysteine in human plasma. <i>Analyst</i> , The, 2001, 126, 1212-1215.	1.7	33
38	Distonoid ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 1014-1022.	1.2	33
39	Assessment of family needs in children with physical disabilities: development of a family needs inventory. <i>Child: Care, Health and Development</i> , 2014, 40, 498-506.	0.8	33
40	Biomass and lipid characterization of microalgae genera <i>Botryococcus</i> , <i>Chlorella</i> , and <i>Desmodesmus</i> aiming high-value fatty acid production. <i>Biomass Conversion and Biorefinery</i> , 2021, 11, 1675-1689.	2.9	33
41	Absolute configuration assignment of ortho, meta, or para isomers by mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2005, 16, 431-436.	1.2	32
42	Unusual mechanisms in Claisen rearrangements: an ionic fragmentation leading to a <i>meta</i> -selective rearrangement. <i>Chemical Science</i> , 2018, 9, 4124-4131.	3.7	28
43	Easy mass spectrometry for metabolomics and quality control of vegetable and animal fats. <i>European Journal of Lipid Science and Technology</i> , 2010, 112, 434-438.	1.0	27
44	Membrane lipid profile monitored by mass spectrometry detected differences between fresh and vitrified in vitro-produced bovine embryos. <i>Zygote</i> , 2015, 23, 732-741.	0.5	27
45	In vitro maturation impacts cumulus oocyte complex metabolism and stress in cattle. <i>Reproduction</i> , 2017, 154, 881-893.	1.1	27
46	Intact triacylglycerol profiles of fats and meats via thermal imprinting easy ambient sonic-spray ionization mass spectrometry. <i>Analytical Methods</i> , 2012, 4, 3551.	1.3	26
47	The ionized methylene transfer from the distonic radical cation CH-O-CH to heterocyclic compounds. A pentaquadrupole mass spectrometric study. <i>Journal of the American Society for Mass Spectrometry</i> , 1995, 6, 554-563.	1.2	25
48	Easy Ambient Sonic-Spray Ionization Mass Spectrometric of Olive Oils: Quality Control and Certification of Geographical Origin. <i>Analytical Letters</i> , 2011, 44, 1489-1497.	1.0	25
49	Phospholipid Profile and Distribution in the Receptive Oviduct and Uterus During Early Diestrus in Cattle. <i>Biology of Reproduction</i> , 2016, 95, 127-127.	1.2	25
50	Fullerenes in asphaltenes and other carbonaceous materials: natural constituents or laser artifacts. <i>Analyst</i> , The, 2016, 141, 2767-2773.	1.7	25
51	Indigo Carmine degradation by hypochlorite in aqueous medium monitored by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 1893-1899.	0.7	24
52	Structure-drift time relationships in ion mobility mass spectrometry. <i>International Journal for Ion Mobility Spectrometry</i> , 2013, 16, 117-132.	1.4	24
53	High throughput MS techniques for caviar lipidomics. <i>Analytical Methods</i> , 2014, 6, 2436.	1.3	24
54	Sulfur trifluoride cation (SF <sub>3</sub> <sup>+</sup> ) affinities of pyridines determined by the kinetic method: Stereoelectronic effects in the gas phase. <i>Journal of the American Society for Mass Spectrometry</i> , 1997, 8, 68-75.	1.2	23

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55	Primary and secondary kinetic isotope effects in proton (H+/D+) and chloronium ion ( <sup>35</sup> Cl+/ <sup>37</sup> Cl+) affinities. <i>Journal of Mass Spectrometry</i> , 2001, 36, 1140-1148.	0.7	23
56	Comparing Crude Oils with Different API Gravities on a Molecular Level Using Mass Spectrometric Analysis. Part 1: Whole Crude Oil. <i>Energies</i> , 2018, 11, 2766.	1.6	23
57	Formal Fusion of a Pyrrole Ring onto 2-Pyridyl and 2-Pyrimidyl Cations: One-Step Gas-Phase Synthesis of Indolizine and Its Derivatives. <i>Chemistry - A European Journal</i> , 2000, 6, 321-326.	1.7	22
58	Comparing Crude Oils with Different API Gravities on a Molecular Level Using Mass Spectrometric Analysis. Part 2: Resins and Asphaltenes. <i>Energies</i> , 2018, 11, 2767.	1.6	22
59	Antioxidative, Antiproliferative and Antimicrobial Activities of Phenolic Compounds from Three Myrcia Species. <i>Molecules</i> , 2018, 23, 986.	1.7	21
60	Modified SARA Method to Unravel the Complexity of Resin Fraction(s) in Crude Oil. <i>Energy &amp; Fuels</i> , 2020, 34, 16006-16013.	2.5	21
61	Are Benzoic Acids Always More Acidic Than Phenols? The Case of <i>ortho</i> , <i>meta</i> , and <i>para</i> -Hydroxybenzoic Acids. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 2189-2196.	1.2	20
62	Co-creation of a digital tool for the empowerment of parents of children with physical disabilities. <i>Research Involvement and Engagement</i> , 2017, 3, 26.	1.1	20
63	Immune Response Resetting in Ongoing Sepsis. <i>Journal of Immunology</i> , 2019, 203, 1298-1312.	0.4	20
64	The isomers of ionized dimethyl sulfoxide (C <sub>2</sub> H <sub>6</sub> OS <sup>+</sup> ) and their CH <sub>3</sub> OS <sup>+</sup> fragments. An ab initio and multiple-stage mass spectrometric (MS <sub>n</sub> ) study. <i>Journal of Mass Spectrometry</i> , 1995, 30, 1553-1561.	0.7	19
65	Acyclic distonic acylium ions: Dual free radical and acylium ion reactivity in a single molecule. <i>Journal of the American Society for Mass Spectrometry</i> , 2000, 11, 697-704.	1.2	19
66	N-heterocyclic carbenes with negative-charge tags: direct sampling from ionic liquid solutions. <i>RSC Advances</i> , 2012, 2, 3201.	1.7	19
67	Precision in Petroleomics via Ultrahigh Resolution Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Energy &amp; Fuels</i> , 2013, 27, 7208-7216.	2.5	19
68	Phosphine-free Heck reaction: mechanistic insights and catalysis on water using a charge-tagged palladium complex. <i>New Journal of Chemistry</i> , 2014, 38, 2958.	1.4	19
69	Easy ambient sonic-spray ionization mass spectrometry for tissue imaging. <i>Analytical Methods</i> , 2017, 9, 5029-5036.	1.3	19
70	Thiocarbonyl-bound metallonitrosyl complexes with visible-light induced DNA cleavage and promising vasodilation activity. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 83-91.	1.5	19
71	Marfan syndrome in adolescence: adolescents' perspectives on (physical) functioning, disability, contextual factors and support needs. <i>European Journal of Pediatrics</i> , 2019, 178, 1883-1892.	1.3	19
72	Quantitation of triacylglycerols in vegetable oils and fats by easy ambient sonic-spray ionization mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 6969.	1.3	18

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73	Influence of follicle size on bovine oocyte lipid composition, follicular metabolic and stress markers, embryo development and blastocyst lipid content. <i>Reproduction, Fertility and Development</i> , 2019, 31, 462.	0.1	18
74	Double transacetalization of diacylium ions. , 2000, 35, 189-198.		17
75	A dopant for improved sensitivity in easy ambient sonicâ€spray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2016, 51, 53-61.	0.7	17
76	Familyâ€centred service: differences in what parents of children with cerebral palsy rate important. <i>Child: Care, Health and Development</i> , 2017, 43, 663-669.	0.8	17
77	Reactions of carbethoxycarbene with enamines. Formation of unexpected pyrroles. <i>Journal of Heterocyclic Chemistry</i> , 1995, 32, 1355-1357.	1.4	16
78	Variations in the Abundance of Lipid Biomarker Ions in Mass Spectrometry Images Correlate to Tissue Density. <i>Analytical Chemistry</i> , 2016, 88, 12099-12107.	3.2	16
79	Can an Alcohol Act As an Acid/Base Catalyst in Water Solution? An Experimental and Theoretical Study of Imidazole Catalysis of the Aqueous Moritaâ€Baylisâ€Hillman Reaction. <i>ACS Catalysis</i> , 2018, 8, 1703-1714.	5.5	16
80	Treatment with cyclic adenosine monophosphate modulators prior to in vitro maturation alters the lipid composition and transcript profile of bovine cumulusâ€oocyte complexes and blastocysts. <i>Reproduction, Fertility and Development</i> , 2018, 30, 1314.	0.1	16
81	Multiplatform Investigation of Plasma and Tissue Lipid Signatures of Breast Cancer Using Mass Spectrometry Tools. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3611.	1.8	16
82	A new method for the selective quantitation of cyanogenic glycosides by membrane introduction mass spectrometry. <i>Analyst</i> , The, 2000, 125, 1529-1531.	1.7	15
83	Direct assignment of positional isomers by mass spectrometry:ortho, meta andpara acyl and amidyl anilines and phenols and derivatives. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1176-1181.	0.7	15
84	Ambient sonicâ€spray ionization mass spectrometry for rapid monitoring of secondary oxidation products in biodiesel. <i>European Journal of Lipid Science and Technology</i> , 2014, 116, 952-960.	1.0	15
85	Comprehensive Characterization of Second-Generation Biofuel from Invasive Freshwater Plants by FT-ICR MS. <i>Bioenergy Research</i> , 2015, 8, 1938-1945.	2.2	14
86	Tissue depletion study of enrofloxacin and its metabolite ciprofloxacin in broiler chickens after oral administration of a new veterinary pharmaceutical formulation containing enrofloxacin. <i>Food and Chemical Toxicology</i> , 2017, 105, 8-13.	1.8	14
87	MALDI mass spectrometry reveals that cumulus cells modulate the lipid profile of<i>in vitro</i>-</i>matured bovine oocytes. <i>Systems Biology in Reproductive Medicine</i> , 2017, 63, 86-99.	1.0	14
88	Parents' perceptions of the services provided to children with cerebral palsy in the transition from preschool rehabilitation to schoolâ€based services. <i>Child: Care, Health and Development</i> , 2016, 42, 455-463.	0.8	13
89	Gas-phase chemistry of acylium ions. Seven-to-five ring contraction of 1,3-dioxepane and 1,3-dioxep-5-ene. <i>Journal of Mass Spectrometry</i> , 1999, 34, 670-676.	0.7	12
90	Gas-Phase Synthesis and Characterization of an Azaphosphirenium Ion:â€% The First N,P-Analogue of the Aromatic Cyclopropenyl Cation. <i>Organometallics</i> , 2001, 20, 4863-4868.	1.1	12

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91	Charge Tags for Most Comprehensive ESI-MS Monitoring of Morita-Baylis-Hillman (MBH)-MBH Reactions: Solid Mechanistic View and the Dualistic Role of the Charge Tagged Acrylate. <i>Journal of Organic Chemistry</i> , 2016, 81, 1089-1098.	1.7	12
92	Molecular Signatures of High-Grade Cervical Lesions. <i>Frontiers in Oncology</i> , 2018, 8, 99.	1.3	12
93	Parental empowerment in paediatric rehabilitation: Exploring the role of a digital tool to help parents prepare for consultation with a physician. <i>Child: Care, Health and Development</i> , 2019, 45, 623-636.	0.8	12
94	Comprehensive Triacylglycerol Characterization of Oils and Butters of 15 Amazonian Oleaginous Species by ESI-HRMS/MS and Comparison with Common Edible Oils and Fats. <i>European Journal of Lipid Science and Technology</i> , 2020, 122, 2000019.	1.0	12
95	Rapid Screening of COVID-19 Directly from Clinical Nasopharyngeal Swabs Using the MasSpec Pen. <i>Analytical Chemistry</i> , 2021, 93, 12582-12593.	3.2	12
96	Pioneering ambient mass spectrometry imaging in psychiatry: Potential for new insights into schizophrenia. <i>Schizophrenia Research</i> , 2016, 177, 67-69.	1.1	11
97	The Famous Amazonian Rosewood Essential Oil: Characterization and Adulteration Monitoring by Electrospray Ionization Mass Spectrometry Fingerprinting. <i>Analytical Letters</i> , 2011, 44, 2417-2422.	1.0	10
98	High precision and selectivity for quantitation of enrofloxacin and ciprofloxacin in five chicken tissues using solid phase extraction and ESI LC-MS/MS for application in monitoring residues. <i>Analytical Methods</i> , 2015, 7, 3291-3297.	1.3	10
99	Investigating the Potential of Ion Mobility-Mass Spectrometry for Microalgae Biomass Characterization. <i>Analytical Chemistry</i> , 2019, 91, 9266-9276.	3.2	10
100	Rhamnolipids Production by a <i>Pseudomonas eruginosa</i> LBI Mutant: Solutions and Homologs Characterization. <i>Tenside, Surfactants, Detergents</i> , 2014, 51, 397-405.	0.5	10
101	Free Radical Scavenging Activity, Determination of Phenolic Compounds and HPLC-DAD/ESIMS Profile of <i>Campomanesia Adamantium</i> Leaves. <i>Natural Product Communications</i> , 2011, 6, 1934578X1100600.	0.2	9
102	The course of health-related quality of life of preschool children with cerebral palsy. <i>Disability and Rehabilitation</i> , 2013, 35, 686-693.	0.9	9
103	Immediate differentiation of unusual seed oils by easy ambient sonic-spray ionization mass spectrometry and chemometric analysis. <i>Analytical Methods</i> , 2016, 8, 3681-3690.	1.3	9
104	Therapy needs and possibilities in paediatric rehabilitation during the COVID-19 lockdown in the Netherlands. <i>Child: Care, Health and Development</i> , 2020, 46, 749-750.	0.8	9
105	Comparison of generational effect on proteins and metabolites in non-transgenic and transgenic soybean seeds through the insertion of the cp4-EPSPS gene assessed by omics-based platforms. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110918.	2.9	9
106	Assessing the Metabolic Impact of Ground Chia Seed in Overweight and Obese Prepubescent Children: Results of a Double-Blind Randomized Clinical Trial. <i>Journal of Medicinal Food</i> , 2020, 23, 224-232.	0.8	9
107	Metabolic fingerprinting of royal jelly: characterization and proof of authenticity. <i>Quality Assurance and Safety of Crops and Foods</i> , 2011, 3, 185-190.	1.8	8
108	Effect of soybean phosphatidylcholine on lipid profile of bovine oocytes matured in vitro. <i>Chemistry and Physics of Lipids</i> , 2017, 204, 76-84.	1.5	8

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109	Tandem Mass Tag Proteomic Analysis of in Vitro and in Vivo Models of Cutaneous Leishmaniasis Reveals Parasite-Specific and Nonspecific Modulation of Proteins in the Host. <i>ACS Infectious Diseases</i> , 2019, 5, 2136-2147.	1.8	8
110	Parenting a child with Marfan syndrome: Distress and everyday problems. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 50-59.	0.7	8
111	Heritable Connective Tissue Disorders in Childhood: Increased Fatigue, Pain, Disability and Decreased General Health. <i>Genes</i> , 2021, 12, 831.	1.0	8
112	Profiles of Steroid Hormones in Canine X-Linked Muscular Dystrophy via Stable Isotope Dilution LC-MS/MS. <i>PLoS ONE</i> , 2015, 10, e0126585.	1.1	8
113	Natural and artificial markers of gasoline detected by membrane introduction mass spectrometry. <i>Analytical Methods</i> , 2011, 3, 751.	1.3	7
114	Wood chemotaxonomy via ESI-MS profiles of phytochemical markers: the challenging case of African versus Brazilian mahogany woods. <i>Analytical Methods</i> , 2015, 7, 8576-8583.	1.3	7
115	Grape skin extract mitigates tissue degeneration, genotoxicity, and oxidative status in multiple organs of rats exposed to cadmium. <i>European Journal of Cancer Prevention</i> , 2018, 27, 70-81.	0.6	7
116	How children and their parents value using the Canadian Occupational Performance Measure (COPM) with children themselves. <i>Journal of Pediatric Rehabilitation Medicine</i> , 2021, 14, 7-17.	0.3	7
117	Locating the charge site in isomeric pyrrolyl ions by Eberlin ion/molecule reactions. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1775-1778.	0.7	6
118	Assessing melatonin and its oxidative metabolites amounts in biological fluid and culture medium by liquid chromatography electrospray ionization tandem mass spectrometry (LC-ESI-MS/MS). <i>Analytical Methods</i> , 2013, 5, 6911.	1.3	6
119	Reactions Involved in Phenolics Degradation from Sugarcane Juice Treated by Ozone. <i>Ozone: Science and Engineering</i> , 2019, 41, 369-375.	1.4	6
120	A Rapid and Versatile Method to Determine Methanol in Biofuels and Gasoline by Ambient Mass Spectrometry using a V-EASI Source. <i>Energy &amp; Fuels</i> , 2020, 34, 4595-4602.	2.5	6
121	Physical Functioning After Admission to the PICU: A Scoping Review. , 2021, 3, e0462.		6
122	A Screening Method to Evaluate Soybean Oil-Based Biodiesel Oxidative Quality During Its Shelf Life. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2015, 92, 967-974.	0.8	5
123	Membrane lipid profile of in vitro-produced embryos is affected by vitrification but not by long-term dietary supplementation of polyunsaturated fatty acids for oocyte donor beef heifers. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1217.	0.1	5
124	Applicability of MALDI-TOF MS for determination of quinolone residues in fish. <i>Journal of Mass Spectrometry</i> , 2019, 54, 1008-1012.	0.7	5
125	Interference of Seasonal Variation on the Antimicrobial and Cytotoxic Activities of the Essential Oils from the Leaves of <i>Lryanthera polyneura</i> in the Amazon Rain Forest. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900374.	1.0	5
126	Molecular ion: A more contemporary definition. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4598.	0.7	5



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127	Heritable connective tissue disorders in childhood: Decreased health-related quality of life and mental health. <i>American Journal of Medical Genetics, Part A</i> , 2022, 188, 2096-2109.	0.7	5
128	Mass Spectrometry and Gas-Phase Chemistry of Anilines. , 0, , 293-346.		4
129	JMS Letters. <i>Journal of Mass Spectrometry</i> , 1997, 32, 336-338.	0.7	4
130	R(Ar)O <sup>+</sup> N <sub>2</sub> <sup>+</sup> vs. R(Ar) <sup>+</sup> N <sub>2</sub> O <sup>+</sup> : Are Alkoxy-(Aryloxy-)diazonium Ions or Alkyl-(Aryl-)N-nitroso-onium Ions Formed in the Gas-Phase Reactions of N <sub>2</sub> O with H <sup>+</sup> , Me <sup>+</sup> , Ph <sup>+</sup> , PhCH <sub>2</sub> <sup>+</sup> , Tr <sup>+</sup> and PhCO <sup>+</sup> ?. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 70-77.	1.2	4
131	Cationomers and anionomers: unique classes of isomeric ions. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1249-1252.	0.7	4
132	Mass spectrometry study of N-alkylbenzenesulfonamides with potential antagonist activity to potassium channels. <i>Amino Acids</i> , 2016, 48, 445-459.	1.2	4
133	Statistical mixture design investigation for extraction and quantitation of aporphine alkaloids from the leaves of <i>Unonopsis duckei</i> R.E. Fr. by HPLC-MS/MS. <i>Phytochemical Analysis</i> , 2018, 29, 569-576.	1.2	4
134	Unveiling the mechanism of N-methylation of indole with dimethylcarbonate using either DABCO or DBU as catalyst. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4707.	0.7	4
135	Determination of RSD921 in human plasma by high-performance liquid chromatography-tandem mass spectrometry using tri-deuterated RSD921 as internal standard: application to a phase I clinical trial. <i>Journal of Mass Spectrometry</i> , 2001, 36, 1133-1139.	0.7	3
136	Dataset on lipid profile of bovine oocytes exposed to $\pm$ -phosphatidylcholine during in vitro maturation investigated by MALDI mass spectrometry and gas chromatography-flame ionization detection. <i>Data in Brief</i> , 2017, 13, 480-486.	0.5	3
137	Pharmacokinetics, Pharmacodynamic Efficacy Prediction Indexes and Monte Carlo Simulations of Enrofloxacin Hydrochloride Against Bacterial Strains That Induce Common Clinical Diseases in Broiler Chickens. <i>Frontiers in Veterinary Science</i> , 2020, 7, 606872.	0.9	3
138	Using the L/O ratio to determine blend composition in biodiesel by EASI-MS corroborated by GC-FID and GC-MS. <i>Analytical Methods</i> , 2016, 8, 682-687.	1.3	2
139	Effect of <i>Crotalus basiliscus</i> snake venom on the redox reaction of myoglobin. <i>Journal of Biological Inorganic Chemistry</i> , 2019, 24, 171-178.	1.1	1
140	Prognostic factors influencing parental empowerment after discharge of their hospitalized child: A cross-sectional study. <i>Journal of Pediatric Nursing</i> , 2022, , .	0.7	1
141	De gezondheidsgerelateerde kwaliteit van leven van kinderen met cerebrale parese op de leeftijd van 2,5 jaar. <i>Tijdschrift Voor Kindergeneeskunde</i> , 2010, 78, 7-14.	0.0	0