

Mattijs Alsem

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6142787/publications.pdf>

Version: 2024-02-01

141
papers

4,009
citations

117625

34
h-index

161849

54
g-index

564
all docs

564
docs citations

564
times ranked

5244
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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. | 1.2 | 5 |
| 2 | Prognostic factors influencing parental empowerment after discharge of their hospitalized child: A cross-sectional study. <i>Journal of Pediatric Nursing</i> , 2022, , . | 1.5 | 1 |
| 3 | 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. | 4.6 | 33 |
| 4 | 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. | 0.5 | 7 |
| 5 | Parenting a child with Marfan syndrome: Distress and everyday problems. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 50-59. | 1.2 | 8 |
| 6 | Unveiling the mechanism of <i>N</i> -methylation of indole with dimethylcarbonate using either DABCO or DBU as catalyst. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4707. | 1.6 | 4 |
| 7 | Heritable Connective Tissue Disorders in Childhood: Increased Fatigue, Pain, Disability and Decreased General Health. <i>Genes</i> , 2021, 12, 831. | 2.4 | 8 |
| 8 | Physical Functioning After Admission to the PICU: A Scoping Review. , 2021, 3, e0462. | | 6 |
| 9 | Rapid Screening of COVID-19 Directly from Clinical Nasopharyngeal Swabs Using the MasSpec Pen. <i>Analytical Chemistry</i> , 2021, 93, 12582-12593. | 6.5 | 12 |
| 10 | 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. | 1.7 | 9 |
| 11 | Modified SARA Method to Unravel the Complexity of Resin Fraction(s) in Crude Oil. <i>Energy & Fuels</i> , 2020, 34, 16006-16013. | 5.1 | 21 |
| 12 | 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. | 4.1 | 16 |
| 13 | Molecular ion: A more contemporary definition. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4598. | 1.6 | 5 |
| 14 | A Rapid and Versatile Method to Determine Methanol in Biofuels and Gasoline by Ambient Mass Spectrometry using a V-EASI Source. <i>Energy & Fuels</i> , 2020, 34, 4595-4602. | 5.1 | 6 |
| 15 | <i>In Situ</i> DESI-MSI Lipidomic Profiles of Breast Cancer Molecular Subtypes and Precursor Lesions. <i>Cancer Research</i> , 2020, 80, 1246-1257. | 0.9 | 61 |
| 16 | Comprehensive Triacylglycerol Characterization of Oils and Butters of 15 Amazonian Oleaginous Species by ESI-MS/MS and Comparison with Common Edible Oils and Fats. <i>European Journal of Lipid Science and Technology</i> , 2020, 122, 2000019. | 1.5 | 12 |
| 17 | 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. | 6.0 | 9 |
| 18 | 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. | 1.5 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | 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. | 2.2 | 3 |
| 20 | 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. | 6.2 | 34 |
| 21 | 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. | 1.7 | 12 |
| 22 | 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. | 2.7 | 19 |
| 23 | 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. | 3.8 | 8 |
| 24 | Applicability of MALDI-TOF MS for determination of quinolone residues in fish. <i>Journal of Mass Spectrometry</i> , 2019, 54, 1008-1012. | 1.6 | 5 |
| 25 | Interference of Seasonal Variation on the Antimicrobial and Cytotoxic Activities of the Essential Oils from the Leaves of <i>Iryanthera polyneura</i> in the Amazon Rain Forest. <i>Chemistry and Biodiversity</i> , 2019, 16, e1900374. | 2.1 | 5 |
| 26 | 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. | 2.6 | 1 |
| 27 | Investigating the Potential of Ion Mobility-Mass Spectrometry for Microalgae Biomass Characterization. <i>Analytical Chemistry</i> , 2019, 91, 9266-9276. | 6.5 | 10 |
| 28 | Immune Response Resetting in Ongoing Sepsis. <i>Journal of Immunology</i> , 2019, 203, 1298-1312. | 0.8 | 20 |
| 29 | Effects of high-intensity ultrasound process parameters on the phenolic compounds recovery from araticum peel. <i>Ultrasonics Sonochemistry</i> , 2019, 50, 82-95. | 8.2 | 61 |
| 30 | Reactions Involved in Phenolics Degradation from Sugarcane Juice Treated by Ozone. <i>Ozone: Science and Engineering</i> , 2019, 41, 369-375. | 2.5 | 6 |
| 31 | 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. | 0.4 | 18 |
| 32 | Statistical mixture design investigation for extraction and quantitation of aporphine alkaloids from the leaves of <i>Unonopsis duckeri</i> R.E. Fr. by HPLC-MS/MS. <i>Phytochemical Analysis</i> , 2018, 29, 569-576. | 2.4 | 4 |
| 33 | Unusual mechanisms in Claisen rearrangements: an ionic fragmentation leading to a meta-selective rearrangement. <i>Chemical Science</i> , 2018, 9, 4124-4131. | 7.4 | 28 |
| 34 | Petroleomics via Orbitrap mass spectrometry with resolving power above 10000 at $m/z > 200$. <i>RSC Advances</i> , 2018, 8, 6183-6191. | 3.6 | 58 |
| 35 | Thiocarbonyl-bound metallonitrosyl complexes with visible-light induced DNA cleavage and promising vasodilation activity. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 83-91. | 3.5 | 19 |
| 36 | Can an Alcohol Act As an Acid/Base Catalyst in Water Solution? An Experimental and Theoretical Study of Imidazole Catalysis of the Aqueous Morita-Baylis-Hillman Reaction. <i>ACS Catalysis</i> , 2018, 8, 1703-1714. | 11.2 | 16 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | 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. | 1.3 | 7 |
| 38 | 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. | 3.1 | 23 |
| 39 | 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. | 3.1 | 22 |
| 40 | Multicenter Study Using Desorption-Electrospray-Ionization-Mass-Spectrometry Imaging for Breast-Cancer Diagnosis. <i>Analytical Chemistry</i> , 2018, 90, 11324-11332. | 6.5 | 70 |
| 41 | Treatment with cyclic adenosine monophosphate modulators prior to in vitro maturation alters the lipid composition and transcript profile of bovine cumulus oocyte complexes and blastocysts. <i>Reproduction, Fertility and Development</i> , 2018, 30, 1314. | 0.4 | 16 |
| 42 | Antioxidative, Antiproliferative and Antimicrobial Activities of Phenolic Compounds from Three Myrcia Species. <i>Molecules</i> , 2018, 23, 986. | 3.8 | 21 |
| 43 | Molecular Signatures of High-Grade Cervical Lesions. <i>Frontiers in Oncology</i> , 2018, 8, 99. | 2.8 | 12 |
| 44 | 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. | 0.4 | 5 |
| 45 | Polycyclic aromatic hydrocarbons (PAHs) in street dust of Rio de Janeiro and Niterói, Brazil: Particle size distribution, sources and cancer risk assessment. <i>Science of the Total Environment</i> , 2017, 599-600, 305-313. | 8.0 | 88 |
| 46 | Easy ambient sonic-spray ionization mass spectrometry for tissue imaging. <i>Analytical Methods</i> , 2017, 9, 5029-5036. | 2.7 | 19 |
| 47 | Family-centred service: differences in what parents of children with cerebral palsy rate important. <i>Child: Care, Health and Development</i> , 2017, 43, 663-669. | 1.7 | 17 |
| 48 | 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. | 3.6 | 14 |
| 49 | Effect of soybean phosphatidylcholine on lipid profile of bovine oocytes matured in vitro. <i>Chemistry and Physics of Lipids</i> , 2017, 204, 76-84. | 3.2 | 8 |
| 50 | MALDI mass spectrometry reveals that cumulus cells modulate the lipid profile of in vitro-matured bovine oocytes. <i>Systems Biology in Reproductive Medicine</i> , 2017, 63, 86-99. | 2.1 | 14 |
| 51 | Information seeking by parents of children with physical disabilities: An exploratory qualitative study. <i>Research in Developmental Disabilities</i> , 2017, 60, 125-134. | 2.2 | 53 |
| 52 | In vitro maturation impacts cumulus oocyte complex metabolism and stress in cattle. <i>Reproduction</i> , 2017, 154, 881-893. | 2.6 | 27 |
| 53 | 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. | 1.0 | 3 |
| 54 | 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. | 2.9 | 48 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | 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. | 2.9 | 20 |
| 56 | Cationomers and anionomers: unique classes of isomeric ions. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 1249-1252. | 1.5 | 4 |
| 57 | Variations in the Abundance of Lipid Biomarker Ions in Mass Spectrometry Images Correlate to Tissue Density. <i>Analytical Chemistry</i> , 2016, 88, 12099-12107. | 6.5 | 16 |
| 58 | 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. | 2.7 | 9 |
| 59 | A dopant for improved sensitivity in easy ambient sonic-spray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2016, 51, 53-61. | 1.6 | 17 |
| 60 | Phospholipid Profile and Distribution in the Receptive Oviduct and Uterus During Early Diestrus in Cattle. <i>Biology of Reproduction</i> , 2016, 95, 127-127. | 2.7 | 25 |
| 61 | Sequential high pressure extractions applied to recover piceatannol and scirpusin B from passion fruit bagasse. <i>Food Research International</i> , 2016, 85, 51-58. | 6.2 | 65 |
| 62 | 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. | 8.2 | 44 |
| 63 | Parents' perceptions of the services provided to children with cerebral palsy in the transition from preschool rehabilitation to school-based services. <i>Child: Care, Health and Development</i> , 2016, 42, 455-463. | 1.7 | 13 |
| 64 | Lipidome signatures in early bovine embryo development. <i>Theriogenology</i> , 2016, 86, 472-484.e1. | 2.1 | 49 |
| 65 | Charge Tags for Most Comprehensive ESI-MS Monitoring of Morita-Baylis-Hillman (MBH) Reactions: Solid Mechanistic View and the Dualistic Role of the Charge Tagged Acrylate. <i>Journal of Organic Chemistry</i> , 2016, 81, 1089-1098. | 3.2 | 12 |
| 66 | 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. | 2.7 | 2 |
| 67 | Fullerenes in asphaltenes and other carbonaceous materials: natural constituents or laser artifacts. <i>Analyst</i> , 2016, 141, 2767-2773. | 3.5 | 25 |
| 68 | Pioneering ambient mass spectrometry imaging in psychiatry: Potential for new insights into schizophrenia. <i>Schizophrenia Research</i> , 2016, 177, 67-69. | 2.0 | 11 |
| 69 | Mass spectrometry study of N-alkylbenzenesulfonamides with potential antagonist activity to potassium channels. <i>Amino Acids</i> , 2016, 48, 445-459. | 2.7 | 4 |
| 70 | 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. | 1.1 | 27 |
| 71 | 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. | 6.5 | 43 |
| 72 | Determination of the phenolic composition from Brazilian tropical fruits by UHPLC-MS/MS. <i>Food Chemistry</i> , 2015, 180, 280-287. | 8.2 | 122 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Comprehensive Characterization of Second-Generation Biofuel from Invasive Freshwater Plants by FT-ICR MS. <i>Bioenergy Research</i> , 2015, 8, 1938-1945. | 3.9 | 14 |
| 74 | A Screening Method to Evaluate Soybean Oil-Based Biodiesel Oxidative Quality During Its Shelf Life. <i>JAACS, Journal of the American Oil Chemists' Society</i> , 2015, 92, 967-974. | 1.9 | 5 |
| 75 | Direct Protocol for Ambient Mass Spectrometry Imaging on Agar Culture. <i>Analytical Chemistry</i> , 2015, 87, 6925-6930. | 6.5 | 44 |
| 76 | 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. | 2.7 | 10 |
| 77 | 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. | 2.4 | 20 |
| 78 | 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. | 2.7 | 7 |
| 79 | 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. | 2.7 | 34 |
| 80 | Profiles of Steroid Hormones in Canine X-Linked Muscular Dystrophy via Stable Isotope Dilution LC-MS/MS. <i>PLoS ONE</i> , 2015, 10, e0126585. | 2.5 | 8 |
| 81 | 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. | 1.7 | 33 |
| 82 | High throughput MS techniques for caviar lipidomics. <i>Analytical Methods</i> , 2014, 6, 2436. | 2.7 | 24 |
| 83 | 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. | 2.8 | 19 |
| 84 | Comprehensive characterization of lipids from Amazonian vegetable oils by mass spectrometry techniques. <i>Food Research International</i> , 2014, 64, 472-481. | 6.2 | 44 |
| 85 | Ambient sonic 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. | 1.5 | 15 |
| 86 | Rhamnolipids Production by a <i>Pseudomonas eruginosa</i> LBI Mutant: Solutions and Homologs Characterization. <i>Tenside, Surfactants, Detergents</i> , 2014, 51, 397-405. | 1.2 | 10 |
| 87 | Structure-drift time relationships in ion mobility mass spectrometry. <i>International Journal for Ion Mobility Spectrometry</i> , 2013, 16, 117-132. | 1.4 | 24 |
| 88 | Precision in Petroleomics via Ultrahigh Resolution Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Energy & Fuels</i> , 2013, 27, 7208-7216. | 5.1 | 19 |
| 89 | Typification and quality control of the Andiroba (<i>Carapa guianensis</i>) oil via mass spectrometry fingerprinting. <i>Analytical Methods</i> , 2013, 5, 1385. | 2.7 | 38 |
| 90 | 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. | 2.7 | 6 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 91 | Definitions of terms relating to mass spectrometry (IUPAC Recommendations 2013). <i>Pure and Applied Chemistry</i> , 2013, 85, 1515-1609. | 1.9 | 305 |
| 92 | Quantitation of triacylglycerols in vegetable oils and fats by easy ambient sonic-spray ionization mass spectrometry. <i>Analytical Methods</i> , 2013, 5, 6969. | 2.7 | 18 |
| 93 | The course of health-related quality of life of preschool children with cerebral palsy. <i>Disability and Rehabilitation</i> , 2013, 35, 686-693. | 1.8 | 9 |
| 94 | Intact triacylglycerol profiles of fats and meats via thermal imprinting easy ambient sonic-spray ionization mass spectrometry. <i>Analytical Methods</i> , 2012, 4, 3551. | 2.7 | 26 |
| 95 | N-heterocyclic carbenes with negative-charge tags: direct sampling from ionic liquid solutions. <i>RSC Advances</i> , 2012, 2, 3201. | 3.6 | 19 |
| 96 | Vapors from Ionic Liquids: Reconciling Simulations with Mass Spectrometric Data. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3435-3441. | 4.6 | 51 |
| 97 | Natural and artificial markers of gasoline detected by membrane introduction mass spectrometry. <i>Analytical Methods</i> , 2011, 3, 751. | 2.7 | 7 |
| 98 | 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. | 0.5 | 9 |
| 99 | Metabolic fingerprinting of royal jelly: characterization and proof of authenticity. <i>Quality Assurance and Safety of Crops and Foods</i> , 2011, 3, 185-190. | 3.4 | 8 |
| 100 | The Bridge Connecting Gas-Phase and Solution Chemistries. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 5261-5263. | 13.8 | 116 |
| 101 | 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. | 1.8 | 25 |
| 102 | The Famous Amazonian Rosewood Essential Oil: Characterization and Adulteration Monitoring by Electrospray Ionization Mass Spectrometry Fingerprinting. <i>Analytical Letters</i> , 2011, 44, 2417-2422. | 1.8 | 10 |
| 103 | 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 |
| 104 | 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. | 1.5 | 27 |
| 105 | Electrospray Ionization Mass Spectrometry: A Major Tool to Investigate Reaction Mechanisms in Both Solution and the Gas Phase. <i>European Journal of Mass Spectrometry</i> , 2007, 13, 19-28. | 1.0 | 182 |
| 106 | R(Ar)O ⁺ N ₂ ⁺ vs. R(Ar)N ₂ O ⁺ : Are Alkoxy-(Aryloxy-)diazonium Ions or Alkyl-(Aryl-)N-nitroso-onium Ions Formed in the Gas-Phase Reactions of N ₂ O with H ⁺ , Me ⁺ , Ph ⁺ , PhCH ₂ ⁺ , Tr ⁺ and PhCO ⁺ ?. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 70-77. | 2.4 | 4 |
| 107 | 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. | 1.5 | 24 |
| 108 | The role of ionic liquids in co-catalysis of Baylis-Hillman reaction: interception of supramolecular species via electrospray ionization mass spectrometry. <i>Journal of Physical Organic Chemistry</i> , 2006, 19, 731-736. | 1.9 | 69 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 109 | Distonoid ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 1014-1022. | 2.8 | 33 |
| 110 | Structurally diagnostic ion/molecule reactions: class and functional-group identification by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2006, 41, 141-156. | 1.6 | 60 |
| 111 | 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. | 2.8 | 32 |
| 112 | Locating the charge site in isomeric pyrrolyl ions by Eberlin ion/molecule reactions. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 1775-1778. | 1.5 | 6 |
| 113 | Direct assignment of positional isomers by mass spectrometry: ortho, meta and para acyl and amidyl anilines and phenols and derivatives. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1176-1181. | 1.6 | 15 |
| 114 | Water solubilization of ethanol and BTEX from gasoline: on-line monitoring by membrane introduction mass spectrometry. <i>Analyst, The</i> , 2002, 127, 230-234. | 3.5 | 52 |
| 115 | Intrinsic Gas-Phase Electrophilic Reactivity of Cyclic N-Alkyl- and N-Acyliminium Ions. <i>Journal of Organic Chemistry</i> , 2001, 66, 3854-3864. | 3.2 | 39 |
| 116 | Serine octamer metaclusters: formation, structure elucidation and implications for homochiral polymerization. <i>Chemical Communications</i> , 2001, , 1854-1855. | 4.1 | 55 |
| 117 | Amino acid quantitation in aqueous matrices via trap and release membrane introduction mass spectrometry: homocysteine in human plasma. <i>Analyst, The</i> , 2001, 126, 1212-1215. | 3.5 | 33 |
| 118 | Gas-Phase Synthesis and Characterization of an Azaphosphirenium Ion: The First N,P-Analogue of the Aromatic Cyclopropenyl Cation. <i>Organometallics</i> , 2001, 20, 4863-4868. | 2.3 | 12 |
| 119 | Ketalization of gaseous acylium ions. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 150-162. | 2.8 | 35 |
| 120 | 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. | 1.6 | 3 |
| 121 | Primary and secondary kinetic isotope effects in proton (H ⁺ /D ⁺) and chloronium ion (³⁵ Cl ⁺ / ³⁷ Cl ⁺) affinities. <i>Journal of Mass Spectrometry</i> , 2001, 36, 1140-1148. | 1.6 | 23 |
| 122 | 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. | 3.3 | 22 |
| 123 | Double transacetalization of diacylium ions. , 2000, 35, 189-198. | | 17 |
| 124 | Electrospray mass and tandem mass spectrometry identification of ozone oxidation products of amino acids and small peptides. <i>Journal of the American Society for Mass Spectrometry</i> , 2000, 11, 526-535. | 2.8 | 110 |
| 125 | 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. | 2.8 | 19 |
| 126 | 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, The</i> , 2000, 125, 21-24. | 3.5 | 41 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 127 | A new method for the selective quantitation of cyanogenic glycosides by membrane introduction mass spectrometry. <i>Analyst</i> , The, 2000, 125, 1529-1531. | 3.5 | 15 |
| 128 | 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. | 1.6 | 12 |
| 129 | Locating the Charge Site in Heteroaromatic Cations. <i>Chemistry - A European Journal</i> , 1998, 4, 1161-1168. | 3.3 | 39 |
| 130 | Mass spectrometry on-line monitoring and MS2 product characterization of TiO ₂ /UV photocatalytic degradation of chlorinated volatile organic compounds. <i>Journal of the American Society for Mass Spectrometry</i> , 1998, 9, 1321-1327. | 2.8 | 41 |
| 131 | Transacetalization with Acylium Ions. A Structurally Diagnostic Ion/Molecule Reaction for Cyclic Acetals and Ketals in the Gas Phase. <i>Journal of Organic Chemistry</i> , 1997, 62, 5096-5103. | 3.2 | 58 |
| 132 | Sulfur trifluoride cation (SF ₃ ⁺) 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. | 2.8 | 23 |
| 133 | Triple-stage pentaquadrupole (QqQqQ) mass spectrometry and ion/molecule reactions. <i>Mass Spectrometry Reviews</i> , 1997, 16, 113-144. | 5.4 | 109 |
| 134 | <i>JMS Letters</i> . <i>Journal of Mass Spectrometry</i> , 1997, 32, 336-338. | 1.6 | 4 |
| 135 | Multiple stage pentaquadrupole mass spectrometry for generation and characterization of gas-phase ionic species. The case of the PyC ₂ H ₅ +A ⁺ isomers. <i>Journal of the American Society for Mass Spectrometry</i> , 1996, 7, 1126-1137. | 2.8 | 33 |
| 136 | Relative carbonyl isocyanate cation [OCNCO] ⁺ affinities of pyridines determined by the kinetic method using multiple-stage (MS3) mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1995, 30, 807-816. | 1.6 | 45 |
| 137 | The isomers of ionized dimethyl sulfoxide (C ₂ H ₆ OS+ ⁺) and their CH ₃ OS ⁺ fragments. An ab initio and multiple-stage mass spectrometric (MS _n) study. <i>Journal of Mass Spectrometry</i> , 1995, 30, 1553-1561. | 1.6 | 19 |
| 138 | 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. | 2.8 | 25 |
| 139 | Reactions of carbethoxycarbene with enamines. Formation of unexpected pyrroles. <i>Journal of Heterocyclic Chemistry</i> , 1995, 32, 1355-1357. | 2.6 | 16 |
| 140 | Ion-molecule reactions and collision-activated dissociation of C ₄ H ₄ ⁺ 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. | 2.8 | 43 |
| 141 | Mass Spectrometry and Gas-Phase Chemistry of Anilines. , 0, , 293-346. | | 4 |