

Marcos N Eberlin

List of Publications by Year in Descending Order

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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.

729 papers	20,572 citations	67 h-index	99 g-index
757 ext. papers	22,555 ext. citations	4.3 avg, IF	6.8 L-index

#	Paper	IF	Citations
729	Liquid chromatography coupled to Venturi easy ambient sonic spray ionization mass spectrometry. <i>Talanta</i> , 2022 , 238, 123004	6.2	0
728	Evaluation of a serum-free culture medium for the enhanced vitrification cryosurvival of bovine in vitro-derived embryos. <i>Livestock Science</i> , 2022 , 104922	1.7	
727	Endophytic <i>Trichoderma</i> strains isolated from forest species of the Cerrado-Caatinga ecotone are potential biocontrol agents against crop pathogenic fungi.. <i>PLoS ONE</i> , 2022 , 17, e0265824	3.7	0
726	Dietary protein sources and their effects on faecal odour and the composition of volatile organic compounds in faeces of French Bulldogs. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2021 , 105 Suppl 1, 65-75	2.6	1
725	Impact of ripening on the health-promoting components from fruta-do-lobo (<i>Solanum lycocarpum</i> St. Hill). <i>Food Research International</i> , 2021 , 139, 109910	7	3
724	ELOVL5 Participates in Embryonic Lipid Determination of Cellular Membranes and Cytoplasmic Droplets. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	1
723	How and Why to Investigate Multicomponent Reactions Mechanisms? A Critical Review. <i>Chemical Record</i> , 2021 , 21, 2762-2781	6.6	6
722	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	2.2	1
721	Rapid and direct detection of artificially aged papers employing easy ambient sonic-spray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2021 , 35, e9046	2.2	1
720	One-carbon metabolism and global DNA methylation in mothers of individuals with Down syndrome. <i>Human Cell</i> , 2021 , 34, 1671-1681	4.5	1
719	Metabolite mass spectrometry profiling of cacao genotypes reveals contrasting resistances to <i>Ceratocystis cacaofunesta</i> phytopathogen. <i>Electrophoresis</i> , 2021 , 42, 2519-2527	3.6	
718	Lipid profile of extracellular vesicles and their relationship with bovine oocyte developmental competence: New players in intra follicular cell communication. <i>Theriogenology</i> , 2021 , 174, 1-8	2.8	1
717	Effects of paternal diet and antioxidant addition to the semen extender on bovine semen characteristics and on the phenotype of the resulting embryo. <i>Theriogenology</i> , 2021 , 175, 23-33	2.8	1
716	Characteristic MALDI-MS lipid profiles of Gir, Holstein and crossbred (Gir x Holstein) oocytes recovered by ovum pick-up. <i>Livestock Science</i> , 2021 , 243, 104380	1.7	2
715	Modified SARA Method to Unravel the Complexity of Resin Fraction(s) in Crude Oil. <i>Energy & Fuels</i> , 2020 , 34, 16006-16013	4.1	6
714	Multiplatform Investigation of Plasma and Tissue Lipid Signatures of Breast Cancer Using Mass Spectrometry Tools. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
713	Optimization of (Kunth) D. C. leaf extraction using a simplex centroid design focused on extracting phenolics with antioxidant and antiproliferative activities. <i>BMC Chemistry</i> , 2020 , 14, 34	3.7	3

712	Molecular ion: A more contemporary definition. <i>Journal of Mass Spectrometry</i> , 2020 , 55, e4598	2.2	3
711	Quality and composition of three palm oils isolated by clean and sustainable process. <i>Journal of Cleaner Production</i> , 2020 , 259, 120905	10.3	5
710	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	4.1	5
709	Antioxidant, antiproliferative and healing properties of araticum (<i>Annona crassiflora</i> Mart.) peel and seed. <i>Food Research International</i> , 2020 , 133, 109168	7	11
708	DESI-MSI Lipidomic Profiles of Breast Cancer Molecular Subtypes and Precursor Lesions. <i>Cancer Research</i> , 2020 , 80, 1246-1257	10.1	25
707	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	3	7
706	Biosurfactants Production Using Permeate from Whey Ultrafiltration and Bioproduct Recovery by Membrane Separation Process. <i>Journal of Surfactants and Detergents</i> , 2020 , 23, 539-551	1.9	9
705	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	2.8	6
704	Triple quadrupole-mass spectrometry protocols for the analysis of NBOMes and NBOHs in blotter papers. <i>Forensic Science International</i> , 2020 , 309, 110184	2.6	5
703	Peptide profile and angiotensin-converting enzyme inhibitory activity of Prato cheese with salt reduction and <i>Lactobacillus helveticus</i> as an adjunct culture. <i>Food Research International</i> , 2020 , 133, 109190	7.90	8
702	Forensic determination of crossing lines involving stamp and pen inks by mass spectrometry imaging. <i>Analytical Methods</i> , 2020 , 12, 951-958	3.2	6
701	Rhodnius spp. are differentiated based on the peptide/protein profile by matrix-assisted laser desorption/ionization mass spectrometry and chemometric tools. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 1431-1439	4.4	7
700	Extraction and assessment of oil and bioactive compounds from cashew nut (<i>Anacardium occidentale</i>) using pressurized n-propane and ethanol as cosolvent. <i>Journal of Supercritical Fluids</i> , 2020 , 157, 104686	4.2	17
699	Targeted metabolomics: Liquid chromatography coupled to mass spectrometry method development and validation for the identification and quantitation of modified nucleosides as putative cancer biomarkers. <i>Talanta</i> , 2020 , 210, 120640	6.2	11
698	High protein yogurt with addition of <i>Lactobacillus helveticus</i> : Peptide profile and angiotensin-converting enzyme ACE-inhibitory activity. <i>Food Chemistry</i> , 2020 , 333, 127482	8.5	14
697	Lacustrine versus Marine Oils: Fast and Accurate Molecular Discrimination via Electrospray Fourier Transform Ion Cyclotron Resonance Mass Spectrometry and Multivariate Statistics. <i>Energy & Fuels</i> , 2020 , 34, 9222-9230	4.1	2
696	Improvement of lipid quality on Nile tilapia fillet composition with low protein feeding treatment. <i>Acta Scientiarum - Technology</i> , 2020 , 42, e45271	0.5	1
695	Gas chromatography-mass spectrometry untargeted profiling of non-Hodgkin's lymphoma urinary metabolite markers. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 7469-7480	4.4	3

694	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	2.5	3
693	Modulation of long-chain Acyl-CoA synthetase on the development, lipid deposit and cryosurvival of in vitro produced bovine embryos. <i>PLoS ONE</i> , 2019 , 14, e0220731	3.7	10
692	Lipid characterization of -produced bovine embryos with distinct kinetics of development. <i>Zygote</i> , 2019 , 27, 413-422	1.6	4
691	Enzymatic treatment improves the antioxidant and antiproliferative activities of <i>Adenanthera pavonina</i> L. seeds. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019 , 18, 101002	4.2	6
690	Fecal bile acid profile after Roux-en-Y gastric bypass and its association with the remission of type 2 diabetes in obese women: A preliminary study. <i>Clinical Nutrition</i> , 2019 , 38, 2906-2912	5.9	10
689	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	3.7	1
688	Investigating the Potential of Ion Mobility-Mass Spectrometry for Microalgae Biomass Characterization. <i>Analytical Chemistry</i> , 2019 , 91, 9266-9276	7.8	5
687	Peptide profile of Camembert-type cheese: Effect of heat treatment and adjunct culture <i>Lactobacillus rhamnosus</i> GG. <i>Food Research International</i> , 2019 , 123, 393-402	7	13
686	Comparative Proteomic Analysis of Murine Cutaneous Lesions Induced by or. <i>ACS Infectious Diseases</i> , 2019 , 5, 1295-1305	5.5	4
685	Characterization of the lipid profile from coconut (<i>Cocos nucifera</i> L.) oil of different varieties by electrospray ionization mass spectrometry associated with principal component analysis and independent component analysis. <i>Food Research International</i> , 2019 , 123, 189-197	7	12
684	Sequential high-pressure extraction to obtain capsinoids and phenolic compounds from biquinho pepper (<i>Capsicum chinense</i>). <i>Journal of Supercritical Fluids</i> , 2019 , 150, 112-121	4.2	19
683	The Intermediates in Lewis Acid Catalysis with Lanthanide Triflates. <i>European Journal of Organic Chemistry</i> , 2019 , 2019, 3560-3566	3.2	11
682	Mechanism of Palladium(II)-Mediated Uncaging Reactions of Propargylic Substrates. <i>ACS Catalysis</i> , 2019 , 9, 3792-3799	13.1	8
681	Monitoring indole alkaloid production by <i>Penicillium digitatum</i> during infection process in citrus by Mass Spectrometry Imaging and molecular networking. <i>Fungal Biology</i> , 2019 , 123, 594-600	2.8	15
680	N, N', N''-trisubstituted guanidines: Synthesis, characterization and evaluation of their leishmanicidal activity. <i>European Journal of Medicinal Chemistry</i> , 2019 , 171, 116-128	6.8	4
679	Palladium Catalyst with Task-Specific Ionic Liquid Ligands: Intracellular Reactions and Mitochondrial Imaging with Benzothiadiazole Derivatives. <i>Journal of Organic Chemistry</i> , 2019 , 84, 5118-5128	4.2	12
678	Label-Free Proteomic Analysis Reveals Parasite-Specific Protein Alterations in Macrophages Following <i>Leishmania amazonensis</i> , <i>Leishmania major</i> , or <i>Leishmania infantum</i> Infection. <i>ACS Infectious Diseases</i> , 2019 , 5, 851-862	5.5	8
677	Fast UHPLC-MS/MS method for analysis of furanylfentanyl in different seized blotter papers. <i>Drug Testing and Analysis</i> , 2019 , 11, 178-183	3.5	5

676	NBOMe instability in whole blood. <i>Forensic Toxicology</i> , 2019 , 37, 82-89	2.6	7
675	Mass Spectrometry as a Clinical Integrative Tool to Evaluate Hepatocellular Carcinoma: Moving to the Mainstream. <i>Expert Review of Gastroenterology and Hepatology</i> , 2019 , 13, 821-825	4.2	0
674	Precipitation of nonsugars as a model of color reduction in sugarcane juice (<i>Saccharum</i> spp.) submitted to the hydrogen peroxide clarification of the crystal sugar process. <i>Journal of Food Processing and Preservation</i> , 2019 , 43, e14137	2.1	
673	Determination of tryptoquialanines A and C produced by <i>Penicillium digitatum</i> in oranges: Are we safe?. <i>Food Chemistry</i> , 2019 , 301, 125285	8.5	8
672	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	7	17
671	Physicochemical changes and bitterness of whey protein hydrolysates after transglutaminase cross-linking. <i>LWT - Food Science and Technology</i> , 2019 , 113, 108291	5.4	8
670	Tandem Mass Tag Proteomic Analysis of and Models of Cutaneous Leishmaniasis Reveals Parasite-Specific and Nonspecific Modulation of Proteins in the Host. <i>ACS Infectious Diseases</i> , 2019 , 5, 2136-2147	5.5	5
669	Amazon climatic factors driving terpene composition of <i>Iryanthera polyneura</i> Ducke in terra-firme forest: A statistical approach. <i>PLoS ONE</i> , 2019 , 14, e0224406	3.7	1
668	Applicability of MALDI-TOF MS for determination of quinolone residues in fish. <i>Journal of Mass Spectrometry</i> , 2019 , 54, 1008-1012	2.2	2
667	ETHANOLIC AND HYDROALCOHOLIC EXTRACTS OF PITANGA LEAVES (<i>Eugenia uniflora</i> L.) AND THEIR FRACTIONATION BY SUPERCRITICAL TECHNOLOGY. <i>Brazilian Journal of Chemical Engineering</i> , 2019 , 36, 1041-1051	1.7	6
666	Absence of the Caspases 1/11 Modulates Liver Global Lipid Profile and Gut Microbiota in High-Fat-Diet-Induced Obese Mice. <i>Frontiers in Immunology</i> , 2019 , 10, 2926	8.4	6
665	The impacts of the raising regime of Salmon species on their triacylglycerol composition revealed by easy ambient sonic-spray ionization mass spectrometry. <i>Food Research International</i> , 2019 , 120, 19-25 ⁷		11
664	Immune Response Resetting in Ongoing Sepsis. <i>Journal of Immunology</i> , 2019 , 203, 1298-1312	5.3	15
663	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> , 2019 , 11, 1675	2.3	15
662	Effects of high-intensity ultrasound process parameters on the phenolic compounds recovery from araticum peel. <i>Ultrasonics Sonochemistry</i> , 2019 , 50, 82-95	8.9	39
661	Direct-infusion electrospray ionization-mass spectrometry analysis reveals atractyligenin derivatives as potential markers for green coffee postharvest discrimination. <i>LWT - Food Science and Technology</i> , 2019 , 103, 205-211	5.4	5
660	Lipidomic profile as a noninvasive tool to predict endometrial receptivity. <i>Molecular Reproduction and Development</i> , 2019 , 86, 145-155	2.6	5
659	Reactions Involved in Phenolics Degradation from Sugarcane Juice Treated by Ozone. <i>Ozone: Science and Engineering</i> , 2019 , 41, 369-375	2.4	4

658	Chemical Composition and Antioxidant Activity of Monguba (<i>Pachira aquatica</i>) Seeds. <i>Food Research International</i> , 2019 , 121, 880-887	7	15
657	An EM-type approach for classification of bivariate MALDI-MS data and identification of high fertility markers. <i>Environmetrics</i> , 2019 , 30, e2544	1.3	1
656	Pigments in an iridescent bacterium, <i>Cellulophaga fucicola</i> , isolated from Antarctica. <i>Antonie Van Leeuwenhoek</i> , 2019 , 112, 479-490	2.1	6
655	A comprehensive characterization of <i>Solanum lycocarpum</i> St. Hill and <i>Solanum oocarpum</i> Sendtn: Chemical composition and antioxidant properties. <i>Food Research International</i> , 2019 , 124, 61-69	7	15
654	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, 462-472	1.8	12
653	Standard methods for <i>Apis mellifera</i> propolis research. <i>Journal of Apicultural Research</i> , 2019 , 58, 1-49	2	105
652	Statistical mixture design investigation for extraction and quantitation of aporphine alkaloids from the leaves of <i>Unonopsis duciei</i> R.E. Fr. by HPLC-MS/MS. <i>Phytochemical Analysis</i> , 2018 , 29, 569-576	3.4	3
651	A potential formation route for CHOS compounds in dissolved organic matter. <i>Marine Chemistry</i> , 2018 , 202, 67-72	3.7	11
650	Lipidomic Profiling of Plasma and Erythrocytes From Septic Patients Reveals Potential Biomarker Candidates. <i>Biomarker Insights</i> , 2018 , 13, 1177271918765137	3.5	15
649	Unusual mechanisms in Claisen rearrangements: an ionic fragmentation leading to a -selective rearrangement. <i>Chemical Science</i> , 2018 , 9, 4124-4131	9.4	20
648	Petroleomics Orbitrap mass spectrometry with resolving power above 1 000 000 at / 200.. <i>RSC Advances</i> , 2018 , 8, 6183-6191	3.7	44
647	Thiocarbonyl-bound metallonitrosyl complexes with visible-light induced DNA cleavage and promising vasodilation activity. <i>Journal of Inorganic Biochemistry</i> , 2018 , 182, 83-91	4.2	15
646	Comprehensive Characterization of Asphaltenes by Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Precipitated under Different n-Alkanes Solvents. <i>Energy & Fuels</i> , 2018 , 32, 10384-10468	4.1	8
645	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	12.1	9
644	Determination of free, esterified, glycosylated and insoluble-bound phenolics composition in the edible part of araticum fruit (<i>Annona crassiflora</i> Mart.) and its by-products by HPLC-ESI-MS/MS. <i>Food Chemistry</i> , 2018 , 245, 738-749	8.5	74
643	Carbohydrates, volatile and phenolic compounds composition, and antioxidant activity of calabura (<i>Muntingia calabura</i> L.) fruit. <i>Food Research International</i> , 2018 , 108, 264-273	7	30
642	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	2	7
641	Development and validation of a sensitive LCMS/MS method to analyze NBOMes in dried blood spots: evaluation of long-term stability. <i>Forensic Toxicology</i> , 2018 , 36, 113-121	2.6	9

640	Mass spectrometry characterization of endophytic bacterium <i>Curtobacterium</i> sp. strain ER1/6 isolated from <i>Citrus sinensis</i> . <i>Journal of Mass Spectrometry</i> , 2018 , 53, 91-97	2.2	1
639	Rapid identification of bovine mastitis pathogens by MALDI-TOF Mass Spectrometry. <i>Pesquisa Veterinaria Brasileira</i> , 2018 , 38, 586-594	0.4	8
638	Antioxidative, Antiproliferative and Antimicrobial Activities of Phenolic Compounds from Three Species. <i>Molecules</i> , 2018 , 23,	4.8	8
637	Linalool enantiomeric distribution in rosewood-reminiscent populations in Central Amazon. <i>Journal of Essential Oil Research</i> , 2018 , 30, 464-469	2.3	6
636	Molecular Signatures of High-Grade Cervical Lesions. <i>Frontiers in Oncology</i> , 2018 , 8, 99	5.3	7
635	Long-term stability of synthetic cathinones in dried blood spots and whole blood samples: a comparative study. <i>Forensic Toxicology</i> , 2018 , 36, 424-434	2.6	8
634	Vaginal lipidomics of women with vulvovaginal candidiasis and cytolytic vaginosis: A non-targeted LC-MS pilot study. <i>PLoS ONE</i> , 2018 , 13, e0202401	3.7	6
633	<i>Lactobacillus helveticus</i> LH-B02 favours the release of bioactive peptide during Prato cheese ripening. <i>International Dairy Journal</i> , 2018 , 87, 75-83	3.5	22
632	Study of Naphthenic Acidity and Corrosivity of Brazilian Crude Oils by ESI(-) FT-ICR MS. <i>Revista Virtual De Quimica</i> , 2018 , 10, 625-640	1.3	2
631	Influence of spermatozoal lipidomic profile on the cryoresistance of frozen spermatozoa from stallions. <i>Theriogenology</i> , 2018 , 108, 161-166	2.8	8
630	Cyclic lipopeptide signature as fingerprinting for the screening of halotolerant <i>Bacillus</i> strains towards microbial enhanced oil recovery. <i>Applied Microbiology and Biotechnology</i> , 2018 , 102, 1179-1190	5.7	9
629	Ayahuasca and Kambo intoxication after alternative natural therapy for depression, confirmed by mass spectrometry. <i>Forensic Toxicology</i> , 2018 , 36, 212-221	2.6	7
628	Gas Chromatography Coupled to High Resolution Time-of-Flight Mass Spectrometry as a High-Throughput Tool for Characterizing Geochemical Biomarkers in Sediments. <i>International Journal of Analytical Chemistry</i> , 2018 , 2018, 2560498	1.4	1
627	Vinyl-1,2,4-oxadiazoles Behave as Nucleophilic Partners in Morita-Baylis-Hillman Reactions. <i>Journal of Organic Chemistry</i> , 2018 , 83, 15118-15127	4.2	6
626	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	12
625	Metabolomics of Infected with Leads to Early Detection of Late Blight in Asymptomatic Plants. <i>Molecules</i> , 2018 , 23,	4.8	22
624	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	16
623	Is the formation of N-heterocyclic carbenes (NHCs) a feasible mechanism for the distillation of imidazolium ionic liquids?. <i>Physical Chemistry Chemical Physics</i> , 2018 , 20, 24716-24725	3.6	4

622	Multicenter Study Using Desorption-Electrospray-Ionization-Mass-Spectrometry Imaging for Breast-Cancer Diagnosis. <i>Analytical Chemistry</i> , 2018 , 90, 11324-11332	7.8	47
621	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, 1314-1328	1.8	10
620	Venturi Electrospray Ionization: Principles and Applications. <i>International Journal of Mass Spectrometry</i> , 2018 , 431, 50-55	1.9	2
619	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, 1217-1230	1.8	3
618	Advanced Aspects of Crude Oils Correlating Data of Classical Biomarkers and Mass Spectrometry Petroleomics. <i>Energy & Fuels</i> , 2017 , 31, 1208-1217	4.1	5
617	Criegee mechanism as a safe pathway of color reduction in sugarcane juice by ozonation. <i>Food Chemistry</i> , 2017 , 225, 181-187	8.5	16
616	Lipid mapping by desorption electrospray ionization mass spectrometry in a murine breast DMBA carcinogenesis model. <i>International Journal of Mass Spectrometry</i> , 2017 , 418, 86-91	1.9	6
615	Non-culture-based identification of mastitis-causing bacteria by MALDI-TOF mass spectrometry. <i>Journal of Dairy Science</i> , 2017 , 100, 2928-2934	4	22
614	A Survey of the Peptide Profile in Prato Cheese as Measured by MALDI-MS and Capillary Electrophoresis. <i>Journal of Food Science</i> , 2017 , 82, 386-393	3.4	12
613	Potential of Burkholderia seminalis TC3.4.2R3 as Biocontrol Agent Against Fusarium oxysporum Evaluated by Mass Spectrometry Imaging. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 901-907	3.5	25
612	Simple, Expendable, 3D-Printed Microfluidic Systems for Sample Preparation of Petroleum. <i>Analytical Chemistry</i> , 2017 , 89, 3460-3467	7.8	42
611	Antispasmodic activity from Serjania caracasana fractions and their safety. <i>Revista Brasileira De Farmacognosia</i> , 2017 , 27, 346-352	2	4
610	Celebrating 10 years of easy ambient sonic-spray ionization. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 90, 135-141	14.6	24
609	Revisiting the Intermolecular Fujiwara Hydroarylation of Alkynes. <i>European Journal of Organic Chemistry</i> , 2017 , 2017, 1794-1803	3.2	12
608	Lipid profiles of follicular fluid from cows submitted to ovarian superstimulation. <i>Theriogenology</i> , 2017 , 94, 64-70	2.8	9
607	Charge-tagged N-heterocyclic carbenes (NHC): Direct transfer from ionic liquid solutions and long-lived nature in the gas phase. <i>Journal of the American Society for Mass Spectrometry</i> , 2017 , 28, 1021-1029	3.5	3
606	Direct Detection of Triacetone Triperoxide (TATP) in Real Banknotes from ATM Explosion by EASI-MS. <i>Propellants, Explosives, Pyrotechnics</i> , 2017 , 42, 370-375	1.7	9
605	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	10.2	68

604	Easy ambient sonic-spray ionization mass spectrometry for tissue imaging. <i>Analytical Methods</i> , 2017 , 9, 5029-5036	3.2	17
603	Volatile composition and physicochemical characteristics of mussel (<i>Perna perna</i>) protein hydrolysate microencapsulated with maltodextrin and n-OSA modified starch. <i>Food and Bioproducts Processing</i> , 2017 , 105, 12-25	4.9	13
602	Assessing Biodegradation of Brazilian Crude Oils via Characteristic Profiles of O1 and O2 Compound Classes: Petroleomics by Negative-Ion Mode Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Energy & Fuels</i> , 2017 , 31, 6649-6657	4.1	25
601	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	4.7	9
600	Effect of soybean phosphatidylcholine on lipid profile of bovine oocytes matured in vitro. <i>Chemistry and Physics of Lipids</i> , 2017 , 204, 76-84	3.7	4
599	Short communication: Identification of <i>Corynebacterium bovis</i> by MALDI-mass spectrometry. <i>Journal of Dairy Science</i> , 2017 , 100, 4287-4289	4	3
598	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	2.9	9
597	18-Crown-6 spiking in direct infusion ESI-MS analysis of complex mixtures: One ion per analyte relationship facilitating ion assignments and eliminating isobaric interferences. <i>International Journal of Mass Spectrometry</i> , 2017 , 418, 37-40	1.9	4
596	Two-point normalization using internal and external standards for a traceable determination of $\delta^{13}C$ values of fatty acid methyl esters by gas chromatography/combustion/isotope ratio mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2017 , 418, 41-50	1.9	1
595	Major phytopathogens and strains from cocoa (<i>Theobroma cacao</i> L.) are differentiated by MALDI-MS lipid and/or peptide/protein profiles. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 1765-1777	4.4	6
594	Enzyme-catalyzed cycloadditions of the gaseous ionized nitrile N-oxides Ph-C N+O and CH ₃ C N+O with model dipolarophiles. <i>International Journal of Mass Spectrometry</i> , 2017 , 418, 24-29	1.9	
593	maturation impacts cumulus-oocyte complex metabolism and stress in cattle. <i>Reproduction</i> , 2017 , 154, 881-893	3.8	23
592	Lipid and protein fingerprinting for <i>Fusarium oxysporum</i> f. sp. <i>cubense</i> strain-level classification. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 6803-6812	4.4	
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