

# Marcos N Eberlin

## List of Publications by Year in descending order

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735  
papers

24,657  
citations

10389

72  
h-index

26613

107  
g-index

757  
all docs

757  
docs citations

757  
times ranked

24697  
citing authors

#	ARTICLE	IF	CITATIONS
1	Liquid chromatography coupled to Venturi easy ambient sonic spray ionization mass spectrometry. <i>Talanta</i> , 2022, 238, 123004.	5.5	2
2	Evaluation of a serum-free culture medium for the enhanced vitrification cryosurvival of bovine in vitro-derived embryos. <i>Livestock Science</i> , 2022, 260, 104922.	1.6	0
3	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.	2.5	12
4	Peroxisome proliferator-activated receptor delta-PPAR $\delta$ agonist (L-165041) enhances bovine embryo survival and post vitrification viability. <i>Reproduction, Fertility and Development</i> , 2022, , .	0.4	0
5	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
6	Impact of ripening on the health-promoting components from fruta-do-lobo ( <i>Solanum lycocarpum</i> St.) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (</i>	6.2	5
7	ELOVL5 Participates in Embryonic Lipid Determination of Cellular Membranes and Cytoplasmic Droplets. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1311.	4.1	7
8	How and Why to Investigate Multicomponent Reactions Mechanisms? A Critical Review. <i>Chemical Record</i> , 2021, 21, 2762-2781.	5.8	24
9	Unveiling the mechanism of $N^1$ -methylation of indole with dimethylcarbonate using either DABCO or DBU as catalyst. <i>Journal of Mass Spectrometry</i> , 2021, 56, e4707.	1.6	4
10	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.	1.5	1
11	One-carbon metabolism and global DNA methylation in mothers of individuals with Down syndrome. <i>Human Cell</i> , 2021, 34, 1671-1681.	2.7	3
12	Metabolite mass spectrometry profiling of cacao genotypes reveals contrasting resistances to <i>Ceratocystis cacaofunesta</i> phytopathogen. <i>Electrophoresis</i> , 2021, 42, 2519-2527.	2.4	1
13	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.	2.1	12
14	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.	2.1	4
15	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.	1.6	4
16	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, 65-75.	2.2	2
17	<i>Rhodnius</i> 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.	3.7	8
18	Extraction and assessment of oil and bioactive compounds from cashew nut ( <i>Anacardium</i> ) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (</i>	3.2	26

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19	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.	5.5	20
20	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.	8.2	32
21	Lacustrine versus Marine Oils: Fast and Accurate Molecular Discrimination via Electrospray Fourier Transform Ion Cyclotron Resonance Mass Spectrometry and Multivariate Statistics. <i>Energy &amp; Fuels</i> , 2020, 34, 9222-9230.	5.1	4
22	Improvement of lipid quality on Nile tilapia fillet composition with low protein feeding treatment. <i>Acta Scientiarum - Technology</i> , 2020, 42, e45271.	0.4	2
23	Gas chromatography-mass spectrometry untargeted profiling of non-Hodgkin's lymphoma urinary metabolite markers. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 7469-7480.	3.7	7
24	Modified SARA Method to Unravel the Complexity of Resin Fraction(s) in Crude Oil. <i>Energy &amp; Fuels</i> , 2020, 34, 16006-16013.	5.1	21
25	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
26	Optimization of <i>Eugenia punicifolia</i> (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.	3.8	10
27	Molecular ion: A more contemporary definition. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4598.	1.6	5
28	Quality and composition of three palm oils isolated by clean and sustainable process. <i>Journal of Cleaner Production</i> , 2020, 259, 120905.	9.3	6
29	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.	5.1	6
30	Antioxidant, antiproliferative and healing properties of araticum ( <i>Annona crassiflora</i> Mart.) peel and seed. <i>Food Research International</i> , 2020, 133, 109168.	6.2	32
31	<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
32	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
33	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.	2.1	16
34	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
35	Triple quadrupole mass spectrometry protocols for the analysis of NBOMes and NBOHs in blotter papers. <i>Forensic Science International</i> , 2020, 309, 110184.	2.2	11
36	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.	6.2	16

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37	Forensic determination of crossing lines involving stamp and pen inks by mass spectrometry imaging. <i>Analytical Methods</i> , 2020, 12, 951-958.	2.7	11
38	Fast UHPLC-MS/MS method for analysis of furanylfentanyl in different seized blotter papers. <i>Drug Testing and Analysis</i> , 2019, 11, 178-183.	2.6	7
39	NBOMe instability in whole blood. <i>Forensic Toxicology</i> , 2019, 37, 82-89.	2.4	10
40	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.	3.0	1
41	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.	2.0	3
42	Determination of tryptoquialanines A and C produced by <i>Penicillium digitatum</i> in oranges: Are we safe?. <i>Food Chemistry</i> , 2019, 301, 125285.	8.2	12
43	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
44	Physicochemical changes and bitterness of whey protein hydrolysates after transglutaminase cross-linking. <i>LWT - Food Science and Technology</i> , 2019, 113, 108291.	5.2	16
45	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
46	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.	2.5	3
47	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
48	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
49	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.	2.5	11
50	Lipid characterization of in vitro-produced bovine embryos with distinct kinetics of development. <i>Zygote</i> , 2019, 27, 413-422.	1.1	13
51	Enzymatic treatment improves the antioxidant and antiproliferative activities of <i>Adenanthera pavonina</i> L. seeds. <i>Biocatalysis and Agricultural Biotechnology</i> , 2019, 18, 101002.	3.1	14
52	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.	5.0	17
53	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
54	Investigating the Potential of Ion Mobility-Mass Spectrometry for Microalgae Biomass Characterization. <i>Analytical Chemistry</i> , 2019, 91, 9266-9276.	6.5	10

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55	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.	6.2	21
56	Comparative Proteomic Analysis of Murine Cutaneous Lesions Induced by <i>Leishmania amazonensis</i> or <i>Leishmania major</i> . <i>ACS Infectious Diseases</i> , 2019, 5, 1295-1305.	3.8	7
57	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.	6.2	22
58	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.	3.2	26
59	The Intermediates in Lewis Acid Catalysis with Lanthanide Triflates. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3560-3566.	2.4	12
60	Mechanism of Palladium(II)-Mediated Uncaging Reactions of Propargylic Substrates. <i>ACS Catalysis</i> , 2019, 9, 3792-3799.	11.2	21
61	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.	2.5	22
62	N, N- $\epsilon^2$ , N- $\epsilon^3$ -trisubstituted guanidines: Synthesis, characterization and evaluation of their leishmanicidal activity. <i>European Journal of Medicinal Chemistry</i> , 2019, 171, 116-128.	5.5	12
63	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.	3.2	20
64	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.	3.8	13
65	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.	6.2	12
66	Immune Response Resetting in Ongoing Sepsis. <i>Journal of Immunology</i> , 2019, 203, 1298-1312.	0.8	20
67	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
68	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.	5.2	11
69	Lipidomic profile as a noninvasive tool to predict endometrial receptivity. <i>Molecular Reproduction and Development</i> , 2019, 86, 145-155.	2.0	10
70	Reactions Involved in Phenolics Degradation from Sugarcane Juice Treated by Ozone. <i>Ozone: Science and Engineering</i> , 2019, 41, 369-375.	2.5	6
71	Chemical Composition and Antioxidant Activity of Monguba ( <i>Pachira aquatica</i> ) Seeds. <i>Food Research International</i> , 2019, 121, 880-887.	6.2	25
72	An EM- $\epsilon$ type approach for classification of bivariate MALDI- $\epsilon$ MS data and identification of high fertility markers. <i>Environmetrics</i> , 2019, 30, e2544.	1.4	1

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73	Pigments in an iridescent bacterium, <i>Cellulophaga fucicola</i> , isolated from Antarctica. <i>Antonie Van Leeuwenhoek</i> , 2019, 112, 479-490.	1.7	9
74	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.	6.2	22
75	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
76	Standard methods for <i>Apis mellifera</i> propolis research. <i>Journal of Apicultural Research</i> , 2019, 58, 1-49.	1.5	173
77	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.	4.8	16
78	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.	1.3	9
79	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.	2.4	4
80	A potential formation route for CHOS compounds in dissolved organic matter. <i>Marine Chemistry</i> , 2018, 202, 67-72.	2.3	15
81	Lipidomic Profiling of Plasma and Erythrocytes From Septic Patients Reveals Potential Biomarker Candidates. <i>Biomarker Insights</i> , 2018, 13, 117727191876513.	2.5	34
82	Unusual mechanisms in Claisen rearrangements: an ionic fragmentation leading to a <i>meta</i> -selective rearrangement. <i>Chemical Science</i> , 2018, 9, 4124-4131.	7.4	28
83	Petroleomics <i>via</i> Orbitrap mass spectrometry with resolving power above 10000 at <i>m/z</i> > 200. <i>RSC Advances</i> , 2018, 8, 6183-6191.	3.6	58
84	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
85	Comprehensive Characterization of Asphaltenes by Fourier Transform Ion Cyclotron Resonance Mass Spectrometry Precipitated under Different n-Alkanes Solvents. <i>Energy &amp; Fuels</i> , 2018, 32, 1038-1046.	5.1	10
86	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
87	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.	8.2	128
88	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.	6.2	42
89	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
90	Development and validation of a sensitive LC-MS/MS method to analyze NBOMes in dried blood spots: evaluation of long-term stability. <i>Forensic Toxicology</i> , 2018, 36, 113-121.	2.4	13

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91	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.	1.6	5
92	Influence of spermatozoal lipidomic profile on the cryoresistance of frozen spermatozoa from stallions. <i>Theriogenology</i> , 2018, 108, 161-166.	2.1	16
93	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.	3.6	12
94	Ayahuasca and Kambo intoxication after alternative natural therapy for depression, confirmed by mass spectrometry. <i>Forensic Toxicology</i> , 2018, 36, 212-221.	2.4	11
95	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, 1-10.	1.0	1
96	Vinyl-1,2,4-oxadiazoles Behave as Nucleophilic Partners in Morita-Baylis-Hillman Reactions. <i>Journal of Organic Chemistry</i> , 2018, 83, 15118-15127.	3.2	9
97	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
98	Metabolomics of <i>Solanum lycopersicum</i> Infected with <i>Phytophthora infestans</i> Leads to Early Detection of Late Blight in Asymptomatic Plants. <i>Molecules</i> , 2018, 23, 3330.	3.8	40
99	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
100	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.	2.8	4
101	Multicenter Study Using Desorption-Electrospray-Ionization-Mass-Spectrometry Imaging for Breast-Cancer Diagnosis. <i>Analytical Chemistry</i> , 2018, 90, 11324-11332.	6.5	70
102	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
103	Venturi Electrospray Ionization: Principles and Applications. <i>International Journal of Mass Spectrometry</i> , 2018, 431, 50-55.	1.5	6
104	Rapid identification of bovine mastitis pathogens by MALDI-TOF Mass Spectrometry. <i>Pesquisa Veterinaria Brasileira</i> , 2018, 38, 586-594.	0.5	16
105	Antioxidative, Antiproliferative and Antimicrobial Activities of Phenolic Compounds from Three <i>Myrcia</i> Species. <i>Molecules</i> , 2018, 23, 986.	3.8	21
106	Linalool enantiomeric distribution in rosewood-reminiscent populations in Central Amazon. <i>Journal of Essential Oil Research</i> , 2018, 30, 464-469.	2.7	8
107	Molecular Signatures of High-Grade Cervical Lesions. <i>Frontiers in Oncology</i> , 2018, 8, 99.	2.8	12
108	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.	2.4	12

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109	Vaginal lipidomics of women with vulvovaginal candidiasis and cytolytic vaginosis: A non-targeted LC-MS pilot study. PLoS ONE, 2018, 13, e0202401.	2.5	11
110	Lactobacillus helveticus LH-B02 favours the release of bioactive peptide during Prato cheese ripening. International Dairy Journal, 2018, 87, 75-83.	3.0	36
111	Study of Naphthenic Acidity and Corrosivity of Brazilian Crude Oils by ESI(-) FT-ICR MS. Revista Virtual De Quimica, 2018, 10, 625-640.	0.4	2
112	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. Reproduction, Fertility and Development, 2017, 29, 1217.	0.4	5
113	Advanced Aspects of Crude Oils Correlating Data of Classical Biomarkers and Mass Spectrometry Petroleomics. Energy & Fuels, 2017, 31, 1208-1217.	5.1	8
114	Criegee mechanism as a safe pathway of color reduction in sugarcane juice by ozonation. Food Chemistry, 2017, 225, 181-187.	8.2	24
115	Lipid mapping by desorption electrospray ionization mass spectrometry in a murine breast DMBA carcinogenesis model. International Journal of Mass Spectrometry, 2017, 418, 86-91.	1.5	6
116	Non-culture-based identification of mastitis-causing bacteria by MALDI-TOF mass spectrometry. Journal of Dairy Science, 2017, 100, 2928-2934.	3.4	37
117	A Survey of the Peptide Profile in Prato Cheese as Measured by MALDI-MS and Capillary Electrophoresis. Journal of Food Science, 2017, 82, 386-393.	3.1	18
118	Potential of <i>Burkholderia seminalis</i> TC3.4.2R3 as Biocontrol Agent Against <i>Fusarium oxysporum</i> Evaluated by Mass Spectrometry Imaging. Journal of the American Society for Mass Spectrometry, 2017, 28, 901-907.	2.8	27
119	Simple, Expendable, 3D-Printed Microfluidic Systems for Sample Preparation of Petroleum. Analytical Chemistry, 2017, 89, 3460-3467.	6.5	52
120	Antispasmodic activity from <i>Serjania caracasana</i> fractions and their safety. Revista Brasileira De Farmacognosia, 2017, 27, 346-352.	1.4	4
121	Celebrating 10 years of easy ambient sonic-spray ionization. TrAC - Trends in Analytical Chemistry, 2017, 90, 135-141.	11.4	27
122	Revisiting the Intermolecular Fujiwara Hydroarylation of Alkynes. European Journal of Organic Chemistry, 2017, 2017, 1794-1803.	2.4	14
123	Lipid profiles of follicular fluid from cows submitted to ovarian superstimulation. Theriogenology, 2017, 94, 64-70.	2.1	14
124	Charge-tagged N-heterocyclic carbenes (NHC): Direct transfer from ionic liquid solutions and long-lived nature in the gas phase. Journal of the American Society for Mass Spectrometry, 2017, 28, 1021-1029.	2.8	4
125	Direct Detection of Triacetone Triperoxide (TATP) in Real Banknotes from ATM Explosion by EASI-MS. Propellants, Explosives, Pyrotechnics, 2017, 42, 370-375.	1.6	14
126	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.	8.0	88



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127	Easy ambient sonic-spray ionization mass spectrometry for tissue imaging. <i>Analytical Methods</i> , 2017, 9, 5029-5036.	2.7	19
128	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.	3.6	20
129	Assessing Biodegradation of Brazilian Crude Oils via Characteristic Profiles of O <sub>1</sub> and O <sub>2</sub> Compound Classes: Petroleomics by Negative-Ion Mode Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Energy &amp; Fuels</i> , 2017, 31, 6649-6657.	5.1	38
130	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
131	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
132	Short communication: Identification of <i>Corynebacterium bovis</i> by MALDI-mass spectrometry. <i>Journal of Dairy Science</i> , 2017, 100, 4287-4289.	3.4	5
133	MALDI mass spectrometry reveals that cumulus cells modulate the lipid profile of <i>in vitro</i> -matured bovine oocytes. <i>Systems Biology in Reproductive Medicine</i> , 2017, 63, 86-99.	2.1	14
134	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.	1.5	6
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