

# Rodrigo R Catharino

## List of Publications by Year in descending order

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150  
papers

4,175  
citations

117571

34  
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155592

55  
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157  
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157  
docs citations

157  
times ranked

6103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phenolic Antioxidants Identified by ESI-MS from Yerba Matã© (Ilex paraguariensis) and Green Tea (Camelia sinensis) Extracts. <i>Molecules</i> , 2007, 12, 423-432.	1.7	248
2	Easy Ambient Sonic-Spray Ionization Mass Spectrometry Combined with Thin-Layer Chromatography. <i>Analytical Chemistry</i> , 2008, 80, 2744-2750.	3.2	161
3	Characterization of Vegetable Oils by Electrospray Ionization Mass Spectrometry Fingerprinting: Å Classification, Quality, Adulteration, and Aging. <i>Analytical Chemistry</i> , 2005, 77, 7429-7433.	3.2	149
4	Single embryo and oocyte lipid fingerprinting by mass spectrometry. <i>Journal of Lipid Research</i> , 2010, 51, 1218-1227.	2.0	109
5	Electrospray ionization mass spectrometry fingerprinting of beer. <i>Analyst, The</i> , 2005, 130, 884.	1.7	97
6	Electrospray ionization mass spectrometry fingerprinting of whisky: immediate proof of origin and authenticity. <i>Analyst, The</i> , 2005, 130, 890.	1.7	93
7	Reduced graphene oxide induces transient bloodâ€œbrain barrier opening: an in vivo study. <i>Journal of Nanobiotechnology</i> , 2015, 13, 78.	4.2	87
8	Antioxidant activity of <i>Annona crassiflora</i> : Characterization of major components by electrospray ionization mass spectrometry. <i>Food Chemistry</i> , 2007, 104, 1048-1054.	4.2	84
9	Diets Containing Å-Linolenic (Å%) or Oleic (Å%) Fatty Acids Rescues Obese Mice From Insulin Resistance. <i>Endocrinology</i> , 2015, 156, 4033-4046.	1.4	83
10	Sweet Basil ( <i>Ocimum basilicum</i> ) Extracts Obtained by Supercritical Fluid Extraction (SFE): Global Yields, Chemical Composition, Antioxidant Activity, and Estimation of the Cost of Manufacturing. <i>Food and Bioprocess Technology</i> , 2008, 1, 326-338.	2.6	77
11	Amazonian Vegetable Oils and Fats: Fast Typification and Quality Control via Triacylglycerol (TAG) Profiles from Dry Matrix-Assisted Laser Desorption/Ionization Time-of-Flight (MALDIÅ,TOF) Mass Spectrometry Fingerprinting. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4030-4034.	2.4	76
12	Antioxidant activity of <i>Caryocar brasiliense</i> (pequi) and characterization of components by electrospray ionization mass spectrometry. <i>Food Chemistry</i> , 2008, 110, 711-717.	4.2	74
13	Instantaneous characterization of vegetable oils via TAG and FFA profiles by easy ambient sonic-spray ionization mass spectrometry. <i>Analyst, The</i> , 2010, 135, 738.	1.7	74
14	Perfume fingerprinting by easy ambient sonicâ€œspray ionization mass spectrometry: nearly instantaneous typification and counterfeit detection. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3662-3666.	0.7	67
15	Covid-19 Automated Diagnosis and Risk Assessment through Metabolomics and Machine Learning. <i>Analytical Chemistry</i> , 2021, 93, 2471-2479.	3.2	66
16	Aflatoxin Screening by MALDI-TOF Mass Spectrometry. <i>Analytical Chemistry</i> , 2005, 77, 8155-8157.	3.2	62
17	Green and roasted arabica coffees differentiated by ripeness, process and cup quality via electrospray ionization mass spectrometry fingerprinting. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 313-321.	0.6	59
18	A Lipidomics Approach in the Characterization of Zika-Infected Mosquito Cells: Potential Targets for Breaking the Transmission Cycle. <i>PLoS ONE</i> , 2016, 11, e0164377.	1.1	58

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19	Novel R-(+)-limonene-based thiosemicarbazones and their antitumor activity against human tumor cell lines. <i>European Journal of Medicinal Chemistry</i> , 2014, 79, 110-116.	2.6	55
20	Characterization of must and wine of six varieties of grapes by direct infusion electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2006, 41, 185-190.	0.7	51
21	Biodiesel Typification and Quality Control by Direct Infusion Electrospray Ionization Mass Spectrometry Fingerprinting. <i>Energy &amp; Fuels</i> , 2007, 21, 3698-3701.	2.5	51
22	Cloud point extraction applied to casein proteins of cow milk and their identification by mass spectrometry. <i>Analytica Chimica Acta</i> , 2007, 590, 166-172.	2.6	49
23	Photolytic degradation of the insecticide thiamethoxam in aqueous medium monitored by direct infusion electrospray ionization mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1319-1325.	0.7	48
24	Mass spectrometric evidence for a zinc-porphyrin complex as the red pigment in dry-cured Iberian and Parma ham. <i>Meat Science</i> , 2007, 75, 203-210.	2.7	46
25	Electrospray Ionization Mass Spectrometry Fingerprinting of Brazilian Artisan Cachaça Aged in Different Wood Casks. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 2094-2102.	2.4	45
26	Migration from plastic packaging into meat. <i>Food Research International</i> , 2018, 109, 320-324.	2.9	45
27	Electrospray ionization mass spectrometry fingerprinting of essential oils: Spices from the Labiatae family. <i>Food Chemistry</i> , 2007, 100, 1283-1288.	4.2	44
28	Mass Spectrometry Imaging: An Expeditious and Powerful Technique for Fast <i>in Situ</i> Lignin Assessment in <i>Eucalyptus</i> . <i>Analytical Chemistry</i> , 2014, 86, 3415-3419.	3.2	43
29	From grape to wine: Fate of ochratoxin A during red, rose, and white winemaking process and the presence of ochratoxin derivatives in the final products. <i>Food Control</i> , 2020, 113, 107167.	2.8	42
30	Protection of rat skeletal muscle fibers by either L-carnitine or coenzyme Q10 against statins toxicity mediated by mitochondrial reactive oxygen generation. <i>Frontiers in Physiology</i> , 2013, 4, 103.	1.3	40
31	Evolution of major phenolic components and radical scavenging activity of grape juices through concentration process and storage. <i>Food Chemistry</i> , 2009, 112, 868-873.	4.2	39
32	Catalase vs Peroxidase Activity of a Manganese(II) Compound: Identification of a Mn(III) <sup>(1/4-O)</sup> <sub>2</sub> Mn(IV) Reaction Intermediate by Electrospray Ionization Mass Spectrometry and Electron Paramagnetic Resonance Spectroscopy. <i>Inorganic Chemistry</i> , 2009, 48, 4569-4579.	1.9	38
33	Resolvin RvD2 reduces hypothalamic inflammation and rescues mice from diet-induced obesity. <i>Journal of Neuroinflammation</i> , 2017, 14, 5.	3.1	38
34	Helminth infection in mice improves insulin sensitivity via modulation of gut microbiota and fatty acid metabolism. <i>Pharmacological Research</i> , 2018, 132, 33-46.	3.1	38
35	Serum Metabolic Alterations upon Zika Infection. <i>Frontiers in Microbiology</i> , 2017, 8, 1954.	1.5	36
36	Grape juice concentrate prevents oxidative DNA damage in peripheral blood cells of rats subjected to a high-cholesterol diet. <i>British Journal of Nutrition</i> , 2011, 105, 694-702.	1.2	35

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37	Electrospray ionization mass spectrometry monitoring of indigo carmine degradation by advanced oxidative processes. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1273-1278.	0.7	34
38	Fatty Acid Synthase Inhibitors Induce Apoptosis in Non-Tumorigenic Melan-A Cells Associated with Inhibition of Mitochondrial Respiration. <i>PLoS ONE</i> , 2014, 9, e101060.	1.1	34
39	Brazilian cachaça: "Single shot" typification of fresh alembic and industrial samples via electrospray ionization mass spectrometry fingerprinting. <i>Food Chemistry</i> , 2009, 115, 1064-1068.	4.2	32
40	Pravastatin Chronic Treatment Sensitizes Hypercholesterolemic Mice Muscle to Mitochondrial Permeability Transition: Protection by Creatine or Coenzyme Q10. <i>Frontiers in Pharmacology</i> , 2017, 8, 185.	1.6	32
41	Flaxseed oil rich in omega-3 protects aorta against inflammation and endoplasmic reticulum stress partially mediated by GPR120 receptor in obese, diabetic and dyslipidemic mice models. <i>Journal of Nutritional Biochemistry</i> , 2018, 53, 9-19.	1.9	32
42	Flavour characterization of red wines by descriptive analysis and ESI mass spectrometry. <i>Food Quality and Preference</i> , 2010, 21, 755-762.	2.3	31
43	Irradiated Riboflavin Diminishes the Aggressiveness of Melanoma In Vitro and In Vivo. <i>PLoS ONE</i> , 2013, 8, e54269.	1.1	31
44	The role of lipids in the inception, maintenance and complications of dengue virus infection. <i>Scientific Reports</i> , 2018, 8, 11826.	1.6	31
45	Peptide fingerprinting of snake venoms by direct infusion nano-electrospray ionization mass spectrometry: potential use in venom identification and taxonomy. <i>Journal of Mass Spectrometry</i> , 2008, 43, 594-599.	0.7	30
46	Differentiation of rum and Brazilian artisan cachaça via electrospray ionization mass spectrometry fingerprinting. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1294-1299.	0.7	28
47	Fabric softeners: nearly instantaneous characterization and quality control of cationic surfactants by easy ambient sonic-spray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 357-362.	0.7	27
48	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
49	Triacylglycerols Oxidation in Oils and Fats Monitored by Easy Ambient Sonic-Spray Ionization Mass Spectrometry. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2012, 89, 1193-1200.	0.8	27
50	Combining Machine Learning and Metabolomics to Identify Weight Gain Biomarkers. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 6.	2.0	26
51	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
52	Cosmetic Analysis Using Matrix-Assisted Laser Desorption/Ionization Mass Spectrometry Imaging (MALDI-MSI). <i>Materials</i> , 2013, 6, 1000-1010.	1.3	25
53	Mass spectrometry imaging: a new vision in differentiating <i>Schistosoma mansoni</i> strains. <i>Journal of Mass Spectrometry</i> , 2014, 49, 86-92.	0.7	25
54	Skin Imprinting in Silica Plates: A Potential Diagnostic Methodology for Leprosy Using High-Resolution Mass Spectrometry. <i>Analytical Chemistry</i> , 2015, 87, 3585-3592.	3.2	25

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55	A Machine Learning Application Based in Random Forest for Integrating Mass Spectrometry-Based Metabolomic Data: A Simple Screening Method for Patients With Zika Virus. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 31.	2.0	25
56	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
57	Carbon nanoparticles for gene transfection in eukaryotic cell lines. <i>Materials Science and Engineering C</i> , 2014, 39, 359-370.	3.8	24
58	Bioavailability of chlorogenic acids in rats after acute ingestion of maté tea ( <i>Ilex paraguariensis</i> ) or 5-caffeoylquinic acid. <i>European Journal of Nutrition</i> , 2017, 56, 2541-2556.	1.8	24
59	Distinct hepatic lipid profile of hypertriglyceridemic mice determined by easy ambient sonic-spray ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 401, 1651-1659.	1.9	23
60	Rapid and Simultaneous In Situ Assessment of Aflatoxins and Stilbenes Using Silica Plate Imprinting Mass Spectrometry Imaging. <i>PLoS ONE</i> , 2014, 9, e90901.	1.1	23
61	Unsaturated fatty acids from flaxseed oil and exercise modulate GPR120 but not GPR40 in the liver of obese mice: a new anti-inflammatory approach. <i>Journal of Nutritional Biochemistry</i> , 2019, 66, 52-62.	1.9	23
62	On-line monitoring of stevioside sweetener hydrolysis to steviol in acidic aqueous solutions. <i>Food Chemistry</i> , 2012, 133, 1632-1635.	4.2	22
63	S-Nitrosoglutathione Inhibits Inducible Nitric Oxide Synthase Upregulation by Redox Posttranslational Modification in Experimental Diabetic Retinopathy. , 2014, 55, 2921.		22
64	Thermal degradation of sucralose: a combination of analytical methods to determine stability and chlorinated byproducts. <i>Scientific Reports</i> , 2015, 5, 9598.	1.6	22
65	Chronic use of pravastatin reduces insulin exocytosis and increases $\beta$ -cell death in hypercholesterolemic mice. <i>Toxicology</i> , 2016, 344-346, 42-52.	2.0	22
66	Electrospray ionization mass spectrometry fingerprinting of perfumes: rapid classification and counterfeit detection. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3654-3658.	0.7	21
67	Influence of high-intensity ultrasound on color, chemical composition and antioxidant properties of araçá-boi pulp. <i>Food Chemistry</i> , 2021, 338, 127747.	4.2	21
68	Oxidative stress and susceptibility to mitochondrial permeability transition precedes the onset of diabetes in autoimmune non-obese diabetic mice. <i>Free Radical Research</i> , 2014, 48, 1494-1504.	1.5	20
69	Correlation between Mitochondrial Reactive Oxygen and Severity of Atherosclerosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-10.	1.9	20
70	A quantitative study on growth variability and production of ochratoxin A and its derivatives by <i>A. carbonarius</i> and <i>A. niger</i> in grape-based medium. <i>Scientific Reports</i> , 2018, 8, 14573.	1.6	20
71	Outer Membrane Vesicles from <i>Neisseria Meningitidis</i> (Proteosome) Used for Nanostructured Zika Virus Vaccine Production. <i>Scientific Reports</i> , 2018, 8, 8290.	1.6	20
72	Solid state and solution characterization of a new dinuclear nickel (II) complex: The search for synthetic models for urease. <i>Journal of Molecular Structure</i> , 2006, 797, 154-164.	1.8	19

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73	Synthesis, solid-state and in-solution structures of a new seven coordinated manganese(II) complex via X-ray diffraction and electrospray ionization mass spectrometry. <i>Inorganic Chemistry Communication</i> , 2007, 10, 863-866.	1.8	19
74	Lipid characterization of embryo zones by silica plate laser desorption ionization mass spectrometry imaging (SP-LDI-MSI). <i>Analytica Chimica Acta</i> , 2014, 807, 96-102.	2.6	19
75	Influence of Maturation Stages in Different Varieties of Wine Grapes ( <i>Vitis vinifera</i> ) on the Production of Ochratoxin A and Its Modified Forms by <i>Aspergillus carbonarius</i> and <i>Aspergillus niger</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8824-8831.	2.4	19
76	Synthesis and comparison of antileishmanial and cytotoxic activities of S-( $\alpha$ )-limonene benzaldehyde thiosemicarbazones with their R-(+)-analogues. <i>Journal of Molecular Structure</i> , 2019, 1179, 252-262.	1.8	19
77	Metodologia analítica para determinação de folatos e ácido fólico em alimentos. <i>Quimica Nova</i> , 2006, 29, 972-976.	0.3	19
78	Revealing praziquantel molecular targets using mass spectrometry imaging: an expeditious approach applied to <i>Schistosoma mansoni</i> . <i>International Journal for Parasitology</i> , 2015, 45, 385-391.	1.3	18
79	Inflammation markers in the saliva of infants born from Zika-infected mothers: exploring potential mechanisms of microcephaly during fetal development. <i>Scientific Reports</i> , 2019, 9, 13606.	1.6	18
80	Mass spectrometry fingerprinting of media used for <i>in vitro</i> production of bovine embryos. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 1313-1320.	0.7	17
81	Screening the life cycle of <i>Schistosoma mansoni</i> using high-resolution mass spectrometry. <i>Analytica Chimica Acta</i> , 2014, 845, 62-69.	2.6	17
82	A Metabolomic Overview of Follicular Fluid in Cows. <i>Frontiers in Veterinary Science</i> , 2018, 5, 10.	0.9	17
83	Adequate Placental Sampling for the Diagnosis and Characterization of Placental Infection by Zika Virus. <i>Frontiers in Microbiology</i> , 2020, 11, 112.	1.5	17
84	Chemotaxonomic markers of organic, natural, and genetically modified soybeans detected by direct infusion electrospray ionization mass spectrometry. <i>Journal of Radioanalytical and Nuclear Chemistry</i> , 2006, 269, 505-509.	0.7	16
85	Vitamin A in diets for Nile tilapia. <i>Scientia Agricola</i> , 2009, 66, 751-756.	0.6	16
86	In situ assessment of atorvastatin impurity using MALDI mass spectrometry imaging (MALDI-MSI). <i>Analytica Chimica Acta</i> , 2014, 818, 32-38.	2.6	16
87	Looking for the Physiological Role of Anthocyanins in the Leaves of <i>Coffea arabica</i> . <i>Photochemistry and Photobiology</i> , 2012, 88, 928-937.	1.3	15
88	Development and Validation of Methods for the Extraction of Phenolic Acids from Plasma, Urine, and Liver and Analysis by UPLC-MS. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 6113-6121.	2.4	15
89	Chemopreventive activity of apple extract following medium-term oral carcinogenesis assay induced by 4-nitroquinoline-1-oxide. <i>Archives of Oral Biology</i> , 2014, 59, 815-821.	0.8	15
90	Analysis and characterisation of bovine oocyte and embryo biomarkers by matrix-assisted desorption ionisation mass spectrometry imaging. <i>Reproduction, Fertility and Development</i> , 2016, 28, 293.	0.1	15

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91	The presence of ochratoxin A does not influence <i>Saccharomyces cerevisiae</i> growth kinetics but leads to the formation of modified ochratoxins. <i>Food and Chemical Toxicology</i> , 2019, 133, 110756.	1.8	15
92	Distribution of nutrients and functional potential in fractions of <i>Eugenia pyriformis</i> : An underutilized native Brazilian fruit. <i>Food Research International</i> , 2020, 137, 109522.	2.9	15
93	Chemical characterization of <i>Eugenia stipitata</i> : A native fruit from the Amazon rich in nutrients and source of bioactive compounds. <i>Food Research International</i> , 2021, 139, 109904.	2.9	15
94	Metabolomic Profiling of Plasma Reveals Differential Disease Severity Markers in COVID-19 Patients. <i>Frontiers in Microbiology</i> , 2022, 13, 844283.	1.5	15
95	High-throughput analysis by SP-LDI-MS for fast identification of adulterations in commercial balsamic vinegars. <i>Analytica Chimica Acta</i> , 2014, 838, 86-92.	2.6	14
96	Coenzyme Q10 or Creatine Counteract Pravastatin-Induced Liver Redox Changes in Hypercholesterolemic Mice. <i>Frontiers in Pharmacology</i> , 2018, 9, 685.	1.6	14
97	Direct analysis of lipsticks by Sorptive tape-like extraction laser desorption/ionization mass spectrometry imaging. <i>International Journal of Cosmetic Science</i> , 2013, 35, 467-471.	1.2	13
98	Fast fingerprinting of cannabinoid markers by laser desorption ionization using silica plate extraction. <i>Analytical Methods</i> , 2014, 6, 1350.	1.3	12
99	Skin Biomarkers for Cystic Fibrosis: A Potential Non-Invasive Approach for Patient Screening. <i>Frontiers in Pediatrics</i> , 2017, 5, 290.	0.9	12
100	Metabolomics and Machine Learning Approaches Combined in Pursuit for More Accurate Paracoccidioidomycosis Diagnoses. <i>MSystems</i> , 2020, 5, .	1.7	12
101	Effect of in vitro digestion on the bioaccessibility and bioactivity of phenolic compounds in fractions of <i>Eugenia pyriformis</i> fruit. <i>Food Research International</i> , 2021, 150, 110767.	2.9	12
102	Differentially expressed plasmatic microRNAs in Brazilian patients with Coronavirus disease 2019 (COVID-19): preliminary results. <i>Molecular Biology Reports</i> , 2022, 49, 6931-6943.	1.0	12
103	Artificially-aged cachaça samples characterised by direct infusion electrospray ionisation mass spectrometry. <i>Food Chemistry</i> , 2014, 143, 77-81.	4.2	11
104	Direct metabolic fingerprinting of olive oils using STELDI-MS. <i>Journal of Food Composition and Analysis</i> , 2015, 38, 131-134.	1.9	11
105	Influence of high isostatic pressure and thermal pasteurization on chemical composition, color, antioxidant properties and sensory evaluation of jabuticaba juice. <i>LWT - Food Science and Technology</i> , 2021, 139, 110548.	2.5	11
106	Monitoring of wine aging process by electrospray ionization mass spectrometry. <i>Food Science and Technology</i> , 2011, 31, 730-734.	0.8	10
107	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
108	A fast semi-quantitative screening for cocoa content in chocolates using MALDI-MSI. <i>Food Research International</i> , 2018, 103, 8-11.	2.9	10



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109	TAM and TIM receptors mRNA expression in Zika virus infected placentas. <i>Placenta</i> , 2020, 101, 204-207.	0.7	10
110	Gastrointestinal bioaccessibility and bioactivity of phenolic compounds from araçá-boi fruit. <i>LWT - Food Science and Technology</i> , 2021, 135, 110230.	2.5	10
111	Evaluation of antioxidant capacity, fatty acid profile, and bioactive compounds from buritirana ( <i>Mauritiella armata</i> Mart.) oil: A little-explored native Brazilian fruit. <i>Food Research International</i> , 2021, 142, 110260.	2.9	10
112	Gas6 drives Zika virus-induced neurological complications in humans and congenital syndrome in immunocompetent mice. <i>Brain, Behavior, and Immunity</i> , 2021, 97, 260-274.	2.0	10
113	Mass spectrometry for the characterization of brewing process. <i>Food Research International</i> , 2016, 89, 281-288.	2.9	9
114	Evaluating the effects of the adulterants in milk using direct-infusion high-resolution mass spectrometry. <i>Food Research International</i> , 2018, 108, 498-504.	2.9	9
115	MALDI imaging detects endogenous digoxin in glioblastoma cells infected by Zika virus. "Would it be the oncolytic key?". <i>Journal of Mass Spectrometry</i> , 2018, 53, 257-263.	0.7	9
116	<i>Xanthium strumarium</i> L. antimicrobial activity and carboxyatractyloside analysis through electrospray ionization mass spectrometry. <i>Revista Brasileira De Plantas Medicinai</i> s, 2009, 11, 159-163.	0.3	8
117	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
118	Identification of compounds from high-fat and extra virgin olive oil-supplemented diets in whole mouse liver extracts and isolated mitochondria using mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2015, 50, 951-958.	0.7	8
119	Avaliação das condições experimentais de CLAE na determinação de ácido fólico em leites enriquecidos. <i>Food Science and Technology</i> , 2003, 23, 389-395.	0.8	8
120	Efficacy and safety of HD-tDCS and respiratory rehabilitation for critically ill patients with COVID-19 The HD-RECOVERY randomized clinical trial. <i>Brain Stimulation</i> , 2022, 15, 780-788.	0.7	8
121	Metabolic alterations induced by attenuated Zika virus in glioblastoma cells. <i>Cell and Bioscience</i> , 2018, 8, .	2.1	7
122	Mass spectrometry analysis of surface tension reducing substances produced by a pah-degrading <i>Pseudomonas citronellolis</i> strain. <i>Brazilian Journal of Microbiology</i> , 2008, 39, 353-356.	0.8	7
123	The proton-bound dimer of acetone. <i>Journal of Mass Spectrometry</i> , 2005, 40, 127-128.	0.7	6
124	Fast Analysis of Taurine in Energetic Drinks by Electrospray Ionization Mass Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2011, 22, 801-806.	0.6	6
125	Cheese lipid profile using direct imprinting in glass surface mass spectrometry. <i>Analytical Methods</i> , 2015, 7, 2877-2880.	1.3	6
126	Early developmental stages of <i>Ascaris lumbricoides</i> featured by high-resolution mass spectrometry. <i>Parasitology Research</i> , 2016, 115, 4107-4114.	0.6	6



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127	Molecular signatures associated with prostate cancer cell line (PC-3) exposure to inactivated Zika virus. <i>Scientific Reports</i> , 2019, 9, 15351.	1.6	6
128	An LDI-MSI approach for targeted and untargeted differentiation and assessment of pharmaceutical formulations. <i>Talanta</i> , 2019, 197, 92-97.	2.9	6
129	Protective effects of green tea against hepatic injury induced by high-cholesterol diet in rats: histopathological analysis, oxidative DNA damage and COX-2 expression. <i>Hepatology International</i> , 2011, 5, 965-974.	1.9	5
130	Visualizing inhibition of fatty acid synthase through mass spectrometric analysis of mitochondria from melanoma cells. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 449-452.	0.7	5
131	In vitro evaluation of Sun Protection Factor and stability of commercial sunscreens using mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 988, 13-19.	1.2	5
132	Anaphylactic reaction to galactose-derived oligosaccharide residues from lactose used as a drug excipient. <i>Pediatric Allergy and Immunology</i> , 2018, 29, 207-210.	1.1	5
133	Metabolic shift of chronic myeloid leukemia patients under imatinib/pioglitazone regimen and discontinuation. <i>Medical Oncology</i> , 2021, 38, 100.	1.2	4
134	MALDI-MSI: a fast and reliable method for direct melatonin quantification in biological fluids. <i>Journal of Analytical Science and Technology</i> , 2016, 7, .	1.0	3
135	New Approach of QuEChERS and GC-MS Triple-Quadrupole for the Determination of Ethyl Carbamate Content in Brazilian cachaças. <i>Frontiers in Nutrition</i> , 2018, 5, 21.	1.6	3
136	Ácido fólico em leite e bebida láctea enriquecidos: estudo da vida-de-prateleira. <i>Food Science and Technology</i> , 2004, 24, 82-87.	0.8	2
137	Use of Electrospray Ionization Mass Spectrometry to Fingerprint Beer. , 2009, , 923-934.		2
138	Antioxidant activity of grape products and characterization of components by electrospray ionization mass spectrometry. <i>Journal of Food Measurement and Characterization</i> , 2014, 8, 9-14.	1.6	2
139	Impact of drug formulation and free platinum/cisplatin ratio on hypersensitivity reactions to cisplatin: formulation matters. <i>Journal of Clinical Pharmacy and Therapeutics</i> , 2015, 40, 41-47.	0.7	2
140	Capillary-induced Homogenization of Matrix in Paper: A Powerful Approach for the Quantification of Active Pharmaceutical Ingredients Using Mass Spectrometry Imaging. <i>Scientific Reports</i> , 2016, 6, 29970.	1.6	2
141	Mass Spectrometry and Metabolomics—New Approaches for Helminth Biochemical Studies. , 0, , .		2
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