M Rosrio M Domingues

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.

336 papers	7,669 citations	42 h-index	66 g-index
362 ext. papers	8,998 ext. citations	5 avg, IF	6.12 L-index

#	Paper	IF	Citations
336	Bioconversion and performance of Black Soldier Fly (Hermetia illucens) in the recovery of nutrients from expired fish feeds.. *Waste Management*, **2022**, 141, 183-193	8.6	2
335	Applications of lipidomics in marine organisms: progress, challenges and future perspectives.. *Molecular Omics*, **2022**,	4.4	3
334	Adaptation of Lipid Profiling in Depression Disease and Treatment: A Critical Review.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
333	Bioprospecting Bioactive Polar Lipids from Olive (cv.) Fruit Seeds: LC-HR-MS/MS Fingerprinting and Sub-Geographic Comparison.. *Foods*, **2022**, 11,	4.9	1
332	Lipidome in-depth characterization highlights the nutritional value and species-specific idiosyncrasies of different Ulva species. *Algal Research*, **2022**, 64, 102694	5	
331	Evaluation of parental and transgenerational effects of clotrimazole in Daphnia magna - A multi-parametric approach.. *Science of the Total Environment*, **2022**, 154677	10.2	
330	Effects of outdoor and indoor cultivation on the polar lipid composition and antioxidant activity of Nannochloropsis oceanica and Nannochloropsis limnetica: A lipidomics perspective. *Algal Research*, **2022**, 64, 102718	5	1
329	Larval nutritional stress affects trophic compensation of juvenile caridean shrimp Palaemon varians. *Aquaculture Reports*, **2022**, 24, 101140	2.3	
328	Understanding the nitrolipidome: From chemistry to mass spectrometry and biological significance of modified complex lipids. *Progress in Lipid Research*, **2022**, 101176	14.3	1
327	Fatty acid ratio analysis identifies changes in competent meroplanktonic larvae sampled over different supply events. *Marine Environmental Research*, **2021**, 173, 105517	3.3	2
326	Pigment and Fatty Acid Heterogeneity in the Sea Slug Is Not Shaped by Habitat Depth. *Animals*, **2021**, 11,	3.1	2
325	Comprehensive Metabolomics and Lipidomics Profiling of Prostate Cancer Tissue Reveals Metabolic Dysregulations Associated with Disease Development. *Journal of Proteome Research*, **2021**,	5.6	2
324	Bioactivities of Lipid Extracts and Complex Lipids from Seaweeds: Current Knowledge and Future Prospects.. *Marine Drugs*, **2021**, 19,	6	5
323	Food grade extraction of Chlorella vulgaris polar lipids: A comparative lipidomic study. *Food Chemistry*, **2021**, 131685	8.5	1
322	Ethanol Extraction of Polar Lipids from for Food, Feed, and Biotechnology Applications Evaluated Using Lipidomic Approaches. *Marine Drugs*, **2021**, 19,	6	3
321	Characterization of Non-volatile Oxidation Products Formed from Triolein in a Model Study at Frying Temperature. *Journal of Agricultural and Food Chemistry*, **2021**, 69, 3466-3478	5.7	0
320	Calcium homeostasis and stable fatty acid composition underpin heatwave tolerance of the keystone polychaete Hediste diversicolor. *Environmental Research*, **2021**, 195, 110885	7.9	1

319	Polar Lipids of Commercial spp. of Different Origins: Profiling and Relevance for Seaweed Valorization. *Foods*, **2021**, 10,	4.9	3
318	Effect of harvesting month and proximity to fish farm sea cages on the lipid profile of cultivated Saccharina latissima. *Algal Research*, **2021**, 54, 102201	5	3
317	Plasma Phospholipidomic Profile Differs between Children with Phenylketonuria and Healthy Children. *Journal of Proteome Research*, **2021**, 20, 2651-2661	5.6	2
316	Insights of species-specific polar lipidome signatures of seaweeds fostering their valorization in the blue bioeconomy. *Algal Research*, **2021**, 55, 102242	5	6
315	Unravelling the fatty acid profiles of different polychaete species cultured under integrated multi-trophic aquaculture (IMTA). *Scientific Reports*, **2021**, 11, 10812	4.9	1
314	The plasma phospholipidome of Tursiops truncatus: From physiological insight to the design of prospective tools for managed cetacean monitorization. *Lipids*, **2021**, 56, 461-473	1.6	3
313	Characterization of the cardiac phospholipidome of small cetaceans provides adaptational insight and a foundation for indirect population health screening. *Marine Mammal Science*, **2021**, 37, 1406-1427	1.9	2
312	Microalgae as Sustainable Bio-Factories of Healthy Lipids: Evaluating Fatty Acid Content and Antioxidant Activity. *Marine Drugs*, **2021**, 19,	6	15
311	Improving agar properties of farmed Gracilaria gracilis by using filtered sunlight. *Journal of Applied Phycology*, **2021**, 33, 3397-3411	3.2	1
310	Polar Lipids Composition, Antioxidant and Anti-Inflammatory Activities of the Atlantic Red Seaweed. *Marine Drugs*, **2021**, 19,	6	7
309	Exhaustive reanalysis of barcode sequences from public repositories highlights ongoing misidentifications and impacts taxa diversity and distribution. *Molecular Ecology Resources*, **2021**,	8.4	5
308	Fruit seeds and their oils as promising sources of value-added lipids from agro-industrial byproducts: oil content, lipid composition, lipid analysis, biological activity and potential biotechnological applications. *Critical Reviews in Food Science and Nutrition*, **2021**, 61, 1305-1339	11.5	14
307	Serum phospholipidomics reveals altered lipid profile and promising biomarkers in multiple sclerosis. *Archives of Biochemistry and Biophysics*, **2021**, 697, 108672	4.1	9
306	Helicobacter pylori lipopolysaccharide structural domains and their recognition by immune proteins revealed with carbohydrate microarrays. *Carbohydrate Polymers*, **2021**, 253, 117350	10.3	2
305	Chemoplasticity of the polar lipid profile of the microalgae Chlorella vulgaris grown under heterotrophic and autotrophic conditions. *Algal Research*, **2021**, 53, 102128	5	10
304	Obese mother offspring have hepatic lipidic modulation that contributes to sex-dependent metabolic adaptation later in life. *Communications Biology*, **2021**, 4, 14	6.7	2
303	Insights in the Role of Lipids, Oxidative Stress and Inflammation in Rheumatoid Arthritis Unveiled by New Trends in Lipidomic Investigations. *Antioxidants*, **2021**, 10,	7.1	9
302	Polar lipidomic profile shows Chlorococcum amblystomatis as a promising source of value-added lipids. *Scientific Reports*, **2021**, 11, 4355	4.9	10

301	Structural and Functional Alterations in Mitochondria-Associated Membranes (MAMs) and in Mitochondria Activate Stress Response Mechanisms in an In Vitro Model of Alzheimer's Disease. *Biomedicines*, **2021**, 9,	4.8	2
300	Cardiac phospholipidome is altered during ischemia and reperfusion in an ex vivo rat model. *Biochemistry and Biophysics Reports*, **2021**, 27, 101037	2.2	1
299	Microalgal Lipid Extracts Have Potential to Modulate the Inflammatory Response: A Critical Review. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	8
298	Photosynthesis from stolen chloroplasts can support sea slug reproductive fitness. *Proceedings of the Royal Society B: Biological Sciences*, **2021**, 288, 20211779	4.4	4
297	Light Induced Changes in Pigment and Lipid Profiles of Bryopsidales Algae. *Frontiers in Marine Science*, **2021**, 8,	4.5	1
296	Prevalence of phylogenetic over environmental drivers on the fatty acid profiles of the adductor muscle of marine bivalves and its relevance for traceability. *Ecological Indicators*, **2021**, 129, 108017	5.8	4
295	Salinity shapes the stress responses and energy reserves of marine polychaetes exposed to warming: From molecular to functional phenotypes. *Science of the Total Environment*, **2021**, 795, 148634	10.2	0
294	Halophyte Plants Cultured in Aquaponics Hold the Same Potential for Valorization as Wild Conspecifics from Donor Sites. *Applied Sciences (Switzerland)*, **2021**, 11, 11586	2.6	0
293	An overview of lipidomic analysis in different human matrices of multiple sclerosis. *Multiple Sclerosis and Related Disorders*, **2020**, 44, 102189	4	7
292	Seasonal plasticity of the polar lipidome of Ulva rigida cultivated in a sustainable integrated multi-trophic aquaculture. *Algal Research*, **2020**, 49, 101958	5	12
291	Revealing the illegal harvesting of Manila clams (Ruditapes philippinarum) using fatty acid profiles of the adductor muscle. *Food Control*, **2020**, 118, 107368	6.2	4
290	Advancing Target Identification of Nitrated Phospholipids in Biological Systems by HCD Specific Fragmentation Fingerprinting in Orbitrap Platforms. *Molecules*, **2020**, 25,	4.8	5
289	Site-Specific Lipidomic Signatures of Sea Lettuce (spp., Chlorophyta) Hold the Potential to Trace Their Geographic Origin. *Biomolecules*, **2020**, 10,	5.9	6
288	Halophyte plants from sustainable marine aquaponics are a valuable source of omega-3 polar lipids. *Food Chemistry*, **2020**, 320, 126560	8.5	10
287	Nutrient availability affects the polar lipidome of Halimione portulacoides leaves cultured in hydroponics. *Scientific Reports*, **2020**, 10, 6583	4.9	4
286	Screening for polar lipids, antioxidant, and anti-inflammatory activities of Gloeothece sp. lipid extracts pursuing new phytochemicals from cyanobacteria. *Journal of Applied Phycology*, **2020**, 32, 3015-3030	3.2	15
285	The Unique Lipidomic Signatures of Can Be Used to Pinpoint Their Geographic Origin. *Biomolecules*, **2020**, 10,	5.9	18
284	Lipidomic Analysis Reveals Specific Differences between Fibroblast and Keratinocyte Ceramide Profile of Patients with Psoriasis Vulgaris. *Molecules*, **2020**, 25,	4.8	16

283	Tumor Resection Induces Alterations on Serum Phospholipidome of Liver Cancer Patients. *Lipids*, **2020**, 55, 185-191	1.6	
282	Domesticated Populations of Display Lipid Extracts with Lower Seasonal Shifts than Conspecifics from the Wild-Relevance for Biotechnological Applications of this Green Seaweed. *Marine Drugs*, **2020**, 18,	6	11
281	Insights on Ultrafiltration-Based Separation for the Purification and Quantification of Methotrexate in Nanocarriers. *Molecules*, **2020**, 25,	4.8	6
280	Sphingomyelins Prevent Propagation of Lipid Peroxidation-LC-MS/MS Evaluation of Inhibition Mechanisms. *Molecules*, **2020**, 25,	4.8	8
279	Lipids and phenylketonuria: Current evidences pointed the need for lipidomics studies. *Archives of Biochemistry and Biophysics*, **2020**, 688, 108431	4.1	6
278	Lipidomic analysis of human primary hepatocytes following LXR activation with GW3965 identifies AGXT2L1 as a main target associated to changes in phosphatidylethanolamine. *Journal of Steroid Biochemistry and Molecular Biology*, **2020**, 198, 105558	5.1	2
277	Changes in Lipid Profile of Keratinocytes from Rat Skin Exposed to Chronic UVA or UVB Radiation and Topical Application of Cannabidiol. *Antioxidants*, **2020**, 9,	7.1	7
276	Antimicrobial Lipids from Plants and Marine Organisms: An Overview of the Current State-of-the-Art and Future Prospects. *Antibiotics*, **2020**, 9,	4.9	19
275	Unraveling the Lipidome and Antioxidant Activity of Native and Invasive Seaweeds: A Lipid Perspective on How Systemic Intrusion May Present an Opportunity. *Antioxidants*, **2020**, 9,	7.1	12
274	Differential Modulation of the Phospholipidome of Proinflammatory Human Macrophages by the Flavonoids Quercetin, Naringin and Naringenin. *Molecules*, **2020**, 25,	4.8	2
273	The Polar Lipidome of Cultured : A Source of Bioactive Lipids with Relevance for Biotechnological Applications. *Biomolecules*, **2020**, 10,	5.9	6
272	Valuing Bioactive Lipids from Green, Red and Brown Macroalgae from Aquaculture, to Foster Functionality and Biotechnological Applications. *Molecules*, **2020**, 25,	4.8	19
271	Cannabidiol-Mediated Changes to the Phospholipid Profile of UVB-Irradiated Keratinocytes from Psoriatic Patients. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
270	Cell quality control mechanisms maintain stemness and differentiation potential of P19 embryonic carcinoma cells. *Autophagy*, **2020**, 16, 313-333	10.2	8
269	Immunomodulatory effect of human bone marrow-derived mesenchymal stromal/stem cells on peripheral blood T cells from rheumatoid arthritis patients. *Journal of Tissue Engineering and Regenerative Medicine*, **2020**, 14, 16-28	4.4	14
268	Coping with Starvation: Contrasting Lipidomic Dynamics in the Cells of Two Sacoglossan Sea Slugs Incorporating Stolen Plastids from the Same Macroalga. *Integrative and Comparative Biology*, **2020**, 60, 43-56	2.8	6
267	Glucosylceramide synthase silencing combined with the receptor tyrosine kinase inhibitor axitinib as a new multimodal strategy for glioblastoma. *Human Molecular Genetics*, **2019**, 28, 3664-3679	5.6	5
266	A New Look for the Red Macroalga : A Seafood with Polar Lipids Rich in EPA and with Antioxidant Properties. *Marine Drugs*, **2019**, 17,	6	21

265	Exercise training counteracts urothelial carcinoma-induced alterations in skeletal muscle mitochondria phospholipidome in an animal model. *Scientific Reports*, **2019**, 9, 13423	4.9	4
264	Discovery of bioactive nitrated lipids and nitro-lipid-protein adducts using mass spectrometry-based approaches. *Redox Biology*, **2019**, 23, 101106	11.3	23
263	Lipidomics in autoimmune diseases with main focus on systemic lupus erythematosus. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 174, 386-395	3.5	16
262	Contribution of non-enzymatic transglycosylation reactions to the honey oligosaccharides origin and diversity. *Pure and Applied Chemistry*, **2019**, 91, 1231-1242	2.1	5
261	Evaluation of air oxidized PAPC: A multi laboratory study by LC-MS/MS. *Free Radical Biology and Medicine*, **2019**, 144, 156-166	7.8	12
260	Insight into the cellular effects of nitrated phospholipids: Evidence for pleiotropic mechanisms of action. *Free Radical Biology and Medicine*, **2019**, 144, 192-202	7.8	8
259	The effects of different extraction methods of lipids from Nannochloropsis oceanica on the contents of omega-3 fatty acids. *Algal Research*, **2019**, 41, 101556	5	24
258	Lipidomic Signatures Reveal Seasonal Shifts on the Relative Abundance of High-Valued Lipids from the Brown Algae. *Marine Drugs*, **2019**, 17,	6	29
257	Analysis of oxidised and glycated aminophospholipids: Complete structural characterisation by C30 liquid chromatography-high resolution tandem mass spectrometry. *Free Radical Biology and Medicine*, **2019**, 144, 144-155	7.8	6
256	Liquid chromatography/tandem mass spectrometry characterization of nitroso, nitrated and nitroxidized cardiolipin products. *Free Radical Biology and Medicine*, **2019**, 144, 183-191	7.8	6
255	Oxidized phosphatidylserine mitigates LPS-triggered macrophage inflammatory status through modulation of JNK and NF-kB signaling cascades. *Cellular Signalling*, **2019**, 61, 30-38	4.9	7
254	Decoding the Fatty Acid Profile of Bacillus licheniformis I89 and Its Adaptation to Different Growth Conditions to Investigate Possible Biotechnological Applications. *Lipids*, **2019**, 54, 245-253	1.6	2
253	Functional Impairment of Circulating FcεRI Monocytes and Myeloid Dendritic Cells in Hepatocellular Carcinoma and Cholangiocarcinoma Patients. *Cytometry Part B - Clinical Cytometry*, **2019**, 96, 490-495	3.4	12
252	Sex-specific lipid molecular signatures in obesity-associated metabolic dysfunctions revealed by lipidomic characterization in ob/ob mouse. *Biology of Sex Differences*, **2019**, 10, 11	9.3	18
251	Mass spectrometry strategies to unveil modified aminophospholipids of biological interest. *Mass Spectrometry Reviews*, **2019**, 38, 323-355	11	3
250	Polar lipid profile of Saccharina latissima, a functional food from the sea. *Algal Research*, **2019**, 39, 101473	5	26
249	Hepatoprotection of L., L. and L. *Antioxidants*, **2019**, 8,	7.1	9
248	Lipidomics Reveals Similar Changes in Serum Phospholipid Signatures of Overweight and Obese Pediatric Subjects. *Journal of Proteome Research*, **2019**, 18, 3174-3183	5.6	20

247	Lipidomic Profiling of the Olive (L.) Fruit towards Its Valorisation as a Functional Food: In-Depth Identification of Triacylglycerols and Polar Lipids in Portuguese Olives. *Molecules*, **2019**, 24,	4.8	17
246	Effect of High-Pressure Processing (HPP) on the Fatty Acid Profile of Different Sized Ragworms () Cultured in an Integrated Multi-Trophic Aquaculture (IMTA) System. *Molecules*, **2019**, 24,	4.8	3
245	Lipidomic signature of Bacillus licheniformis I89 during the different growth phases unravelled by high-resolution liquid chromatography-mass spectrometry. *Archives of Biochemistry and Biophysics*, **2019**, 663, 83-94	4.1	7
244	Contacts in Death: The Role of the ER-Mitochondria Axis in Acetic Acid-Induced Apoptosis in Yeast. *Journal of Molecular Biology*, **2019**, 431, 273-288	6.5	6
243	Lipidomic signature of the green macroalgae Ulva rigida farmed in a sustainable integrated multi-trophic aquaculture. *Journal of Applied Phycology*, **2019**, 31, 1369-1381	3.2	20
242	Chemical characterization and cytotoxic potential of an ellagitannin-enriched fraction from Fragaria vesca leaves. *Arabian Journal of Chemistry*, **2019**, 12, 3652-3666	5.9	14
241	Role of obesity in the release of extracellular nucleosomes in acute pancreatitis: a clinical and experimental study. *International Journal of Obesity*, **2019**, 43, 158-168	5.5	8
240	Profile of Phosphatidylserine Modifications under Nitroxidative Stress Conditions Using a Liquid Chromatography-Mass Spectrometry Based Approach. *Molecules*, **2018**, 24,	4.8	7
239	New Insights into the Anti-Inflammatory and Antioxidant Properties of Nitrated Phospholipids. *Lipids*, **2018**, 53, 117-131	1.6	18
238	Amniotic membrane extract differentially regulates human peripheral blood T cell subsets, monocyte subpopulations and myeloid dendritic cells. *Cell and Tissue Research*, **2018**, 373, 459-476	4.2	6
237	Effects of gamma irradiation and periodate oxidation on the structure of dextrin assessed by mass spectrometry. *European Polymer Journal*, **2018**, 103, 158-169	5.2	12
236	Gas-phase structural characterization of neuropeptides Y Y1 receptor antagonists using mass spectrometry: Orbitrap vs triple quadrupole. *Journal of Pharmaceutical and Biomedical Analysis*, **2018**, 151, 227-234	3.5	3
235	Olive (Olea europaea L. cv. Galega vulgar) Seed Oil: A First Insight into the Major Lipid Composition of a Promising Agro-Industrial By-Product at Two Ripeness Stages. *European Journal of Lipid Science and Technology*, **2018**, 120, 1700381	3	6
234	Electrochemical oxidation of phosphatidylethanolamines studied by mass spectrometry. *Journal of Mass Spectrometry*, **2018**, 53, 223-233	2.2	7
233	Plasma lipidomic profile signature of rheumatoid arthritis versus Lyme arthritis patients. *Archives of Biochemistry and Biophysics*, **2018**, 654, 105-114	4.1	8
232	Tuning culturing conditions towards the production of neutral lipids from lubricant-based wastewater in open mixed bacterial communities. *Water Research*, **2018**, 144, 532-542	12.5	10
231	High-Resolution Lipidomics of the Early Life Stages of the Red Seaweed Porphyra dioica. *Molecules*, **2018**, 23,	4.8	26
230	Phospholipidome of endothelial cells shows a different adaptation response upon oxidative, glycative and lipoxidative stress. *Scientific Reports*, **2018**, 8, 12365	4.9	19

229	Polar lipidome profiling of Salicornia ramosissima and Halimione portulacoides and the relevance of lipidomics for the valorization of halophytes. *Phytochemistry*, **2018**, 153, 94-101	4	24
228	Characterization of Nitrophospholipid-Peptide Covalent Adducts by Electrospray Tandem Mass Spectrometry: A First Screening Analysis Using Different Instrumental Platforms. *European Journal of Lipid Science and Technology*, **2018**, 120, 1800101	3	3
227	Modulation of the inflammatory response of immune cells in human peripheral blood by oxidized arachidonoyl aminophospholipids. *Archives of Biochemistry and Biophysics*, **2018**, 660, 64-71	4.1	4
226	Errors in protein synthesis increase the level of saturated fatty acids and affect the overall lipid profiles of yeast. *PLoS ONE*, **2018**, 13, e0202402	3.7	2
225	Polar Lipids from Olives and Olive Oil: A Review on Their Identification, Significance and Potential Biotechnological Applications. *Foods*, **2018**, 7,	4.9	25
224	Contact dermatitis: in pursuit of sensitizers' molecular targets through proteomics. *Archives of Toxicology*, **2017**, 91, 811-825	5.8	8
223	Identification and characterization of photodegradation products of metoprolol in the presence of natural fulvic acid by HPLC-UV-MS. *Journal of Hazardous Materials*, **2017**, 323, 250-263	12.8	18
222	Comparison of the toxicological impacts of carbamazepine and a mixture of its photodegradation products in Scrobicularia plana. *Journal of Hazardous Materials*, **2017**, 323, 220-232	12.8	27
221	Transglycosylation reactions, a main mechanism of phenolics incorporation in coffee melanoidins: Inhibition by Maillard reaction. *Food Chemistry*, **2017**, 227, 422-431	8.5	35
220	Characterization of phospholipid nitroxidation by LC-MS in biomimetic models and in H9c2 Myoblast using a lipidomic approach. *Free Radical Biology and Medicine*, **2017**, 106, 219-227	7.8	11
219	Measurements of the effects of wine maceration with oak chips using an electronic tongue. *Food Chemistry*, **2017**, 229, 20-27	8.5	26
218	Fatty acid dynamics of the adductor muscle of live cockles (Cerastoderma edule) during their shelf-life and its relevance for traceability of geographic origin. *Food Control*, **2017**, 77, 192-198	6.2	7
217	Mass Spectrometric Analysis of Lipid Hydroperoxides. *Neuromethods*, **2017**, 133-146	0.4	1
216	Impact of physical exercise on visceral adipose tissue fatty acid profile and inflammation in response to a high-fat diet regimen. *International Journal of Biochemistry and Cell Biology*, **2017**, 87, 114-124	5.6	31
215	Spatio-temporal variability in the fatty acid profile of the adductor muscle of the common cockle Cerastoderma edule and its relevance for tracing geographic origin. *Food Control*, **2017**, 81, 173-180	6.2	10
214	Data on coffee composition and mass spectrometry analysis of mixtures of coffee related carbohydrates, phenolic compounds and peptides. *Data in Brief*, **2017**, 13, 145-161	1.2	14
213	Lipid remodelling in human melanoma cells in response to UVA exposure. *Photochemical and Photobiological Sciences*, **2017**, 16, 744-752	4.2	5
212	Effect of Maternal Size, Reproductive Season and Interannual Variability in Offspring Provisioning of Carcinus maenas in a Coastal Lagoon. *Estuaries and Coasts*, **2017**, 40, 1732-1743	2.8	3

211	Valorization of Lipids from Gracilaria sp. through Lipidomics and Decoding of Antiproliferative and Anti-Inflammatory Activity. *Marine Drugs*, **2017**, 15,	6	54
210	Kleptoplasty does not promote major shifts in the lipidome of macroalgal chloroplasts sequestered by the sacoglossan sea slug Elysia viridis. *Scientific Reports*, **2017**, 7, 11502	4.9	11
209	Bioactive chitosan/ellagic acid films with UV-light protection for active food packaging. *Food Hydrocolloids*, **2017**, 73, 120-128	10.6	100
208	Phospholipidomic Analysis Reveals Changes in Sphingomyelin and Lysophosphatidylcholine Profiles in Plasma from Patients with Neuroborreliosis. *Lipids*, **2017**, 52, 93-98	1.6	13
207	In vitro macrophage nitric oxide production by Pterospartum tridentatum (L.) Willk. inflorescence polysaccharides. *Carbohydrate Polymers*, **2017**, 157, 176-184	10.3	24
206	Carvedilol exacerbate gentamicin-induced kidney mitochondrial alterations in adult rat. *Experimental and Toxicologic Pathology*, **2017**, 69, 83-92		6
205	Characterization of 2,3-diarylxanthones by electrospray mass spectrometry: gas-phase chemistry versus known antioxidant activity properties. *Rapid Communications in Mass Spectrometry*, **2016**, 30, 2228-36	2.3	3
204	Lipidomic investigation of eggsSyolk: Changes in lipid profile of eggs from different conditions. *Food Research International*, **2016**, 89, 177-185	7	19
203	Do cinnamylideneacetophenones have antioxidant properties and a protective effect toward the oxidation of phosphatidylcholines?. *European Journal of Medicinal Chemistry*, **2016**, 121, 331-337	6.8	3
202	Oxidation of amylose and amylopectin by hydroxyl radicals assessed by electrospray ionisation mass spectrometry. *Carbohydrate Polymers*, **2016**, 148, 290-9	10.3	14
201	Recent Advances on Mass Spectrometry Analysis of Nitrated Phospholipids. *Analytical Chemistry*, **2016**, 88, 2622-9	7.8	20
200	Nonenzymatic Transglycosylation Reactions Induced by Roasting: New Insights from Models Mimicking Coffee Bean Regions with Distinct Polysaccharide Composition. *Journal of Agricultural and Food Chemistry*, **2016**, 64, 1831-40	5.7	8
199	Revisiting the structural features of arabinoxylans from brewersSspent grain. *Carbohydrate Polymers*, **2016**, 139, 167-76	10.3	42
198	Formation of type 4 resistant starch and maltodextrins from amylose and amylopectin upon dry heating: A model study. *Carbohydrate Polymers*, **2016**, 141, 253-62	10.3	16
197	Lipidomic Approaches towards Deciphering Glycolipids from Microalgae as a Reservoir of Bioactive Lipids. *Marine Drugs*, **2016**, 14,	6	68
196	Bioprospecting of Marine Macrophytes Using MS-Based Lipidomics as a New Approach. *Marine Drugs*, **2016**, 14,	6	36
195	Phospholipidomic Profile Variation on THP-1 Cells Exposed to Skin or Respiratory Sensitizers and Respiratory Irritant. *Journal of Cellular Physiology*, **2016**, 231, 2639-51	7	7
194	Alteration in Phospholipidome Profile of Myoblast H9c2 Cell Line in a Model of Myocardium Starvation and Ischemia. *Journal of Cellular Physiology*, **2016**, 231, 2266-74	7	23

193	Lipidomics of Mesenchymal Stromal Cells: Understanding the Adaptation of Phospholipid Profile in Response to Pro-Inflammatory Cytokines. *Journal of Cellular Physiology*, **2016**, 231, 1024-32	7	29
192	Fatty Acids of Densely Packed Embryos of Carcinus maenas Reveal Homogeneous Maternal Provisioning and No Within-Brood Variation at Hatching. *Biological Bulletin*, **2016**, 230, 120-9	1.5	2
191	Fenton-like oxidation of small aromatic acids from biomass burning in atmospheric water and in the absence of light: Identification of intermediates and reaction pathways. *Chemosphere*, **2016**, 154, 599-603	3.4	14
190	The Unfolded Protein Response in Homeostasis and Modulation of Mammalian Immune Cells. *International Reviews of Immunology*, **2016**, 35, 457-476	4.6	16
189	New Insights on Non-Enzymatic Oxidation of Ganglioside GM1 Using Mass Spectrometry. *Journal of the American Society for Mass Spectrometry*, **2016**, 27, 1965-1978	3.5	6
188	Polar lipid profiling of olive oils as a useful tool in helping to decipher their unique fingerprint. *LWT - Food Science and Technology*, **2016**, 74, 371-377	5.4	24
187	LC/MS analysis of cardiolipins in substantia nigra and plasma of rotenone-treated rats: Implication for mitochondrial dysfunction in Parkinson's disease. *Free Radical Research*, **2015**, 49, 681-91	4	48
186	Lipidomics as a new approach for the bioprospecting of marine macroalgae – Unraveling the polar lipid and fatty acid composition of Chondrus crispus. *Algal Research*, **2015**, 8, 181-191	5	64
185	Potential use of fatty acid profiles of the adductor muscle of cockles (Cerastoderma edule) for traceability of collection site. *Scientific Reports*, **2015**, 5, 11125	4.9	33
184	Protein lipoxidation: Detection strategies and challenges. *Redox Biology*, **2015**, 5, 253-266	11.3	60
183	Lipidomic approach towards deciphering anandamide effects in rat decidual cell. *Journal of Cellular Physiology*, **2015**, 230, 1549-57	7	3
182	Chlorogenic acid-arabinose hybrid domains in coffee melanoidins: Evidences from a model system. *Food Chemistry*, **2015**, 185, 135-44	8.5	20
181	Heterogeneity of peptide adducts with carbonylated lipid peroxidation products. *Journal of Mass Spectrometry*, **2015**, 50, 603-12	2.2	9
180	Glycosphingolipids and oxidative stress: evaluation of hydroxyl radical oxidation of galactosyl and lactosylceramides using mass spectrometry. *Chemistry and Physics of Lipids*, **2015**, 191, 106-14	3.7	12
179	Bioconversion of agro-industrial by-products in rhamnolipids toward applications in enhanced oil recovery and bioremediation. *Bioresource Technology*, **2015**, 177, 87-93	11	131
178	Galactomannans in Coffee **2015**, 173-182		7
177	Cardiolipin profile changes are associated to the early synaptic mitochondrial dysfunction in Alzheimer's disease. *Journal of Alzheimeris Disease*, **2015**, 43, 1375-92	4.3	65
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175	Human Bone Marrow-Derived Mesenchymal Stromal Cells Differentially Inhibit Cytokine Production by Peripheral Blood Monocytes Subpopulations and Myeloid Dendritic Cells. *Stem Cells International*, **2015**, 2015, 819084	5	20
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