

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

319	Polar Lipids of Commercial spp. of Different Origins: Profiling and Relevance for Seaweed Valorization. <i>Foods</i> , 2021 , 10,	4.9	3
318	Effect of harvesting month and proximity to fish farm sea cages on the lipid profile of cultivated <i>Saccharina latissima</i> . <i>Algal Research</i> , 2021 , 54, 102201	5	3
317	Plasma Phospholipidomic Profile Differs between Children with Phenylketonuria and Healthy Children. <i>Journal of Proteome Research</i> , 2021 , 20, 2651-2661	5.6	2
316	Insights of species-specific polar lipidome signatures of seaweeds fostering their valorization in the blue bioeconomy. <i>Algal Research</i> , 2021 , 55, 102242	5	6
315	Unravelling the fatty acid profiles of different polychaete species cultured under integrated multi-trophic aquaculture (IMTA). <i>Scientific Reports</i> , 2021 , 11, 10812	4.9	1
314	The plasma phospholipidome of <i>Tursiops truncatus</i> : From physiological insight to the design of prospective tools for managed cetacean monitorization. <i>Lipids</i> , 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. <i>Marine Mammal Science</i> , 2021 , 37, 1406-1427	1.9	2
312	Microalgae as Sustainable Bio-Factories of Healthy Lipids: Evaluating Fatty Acid Content and Antioxidant Activity. <i>Marine Drugs</i> , 2021 , 19,	6	15
311	Improving agar properties of farmed <i>Gracilaria gracilis</i> by using filtered sunlight. <i>Journal of Applied Phycology</i> , 2021 , 33, 3397-3411	3.2	1
310	Polar Lipids Composition, Antioxidant and Anti-Inflammatory Activities of the Atlantic Red Seaweed. <i>Marine Drugs</i> , 2021 , 19,	6	7
309	Exhaustive reanalysis of barcode sequences from public repositories highlights ongoing misidentifications and impacts taxa diversity and distribution. <i>Molecular Ecology Resources</i> , 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. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 61, 1305-1339	11.5	14
307	Serum phospholipidomics reveals altered lipid profile and promising biomarkers in multiple sclerosis. <i>Archives of Biochemistry and Biophysics</i> , 2021 , 697, 108672	4.1	9
306	<i>Helicobacter pylori</i> lipopolysaccharide structural domains and their recognition by immune proteins revealed with carbohydrate microarrays. <i>Carbohydrate Polymers</i> , 2021 , 253, 117350	10.3	2
305	Chemoplasticity of the polar lipid profile of the microalgae <i>Chlorella vulgaris</i> grown under heterotrophic and autotrophic conditions. <i>Algal Research</i> , 2021 , 53, 102128	5	10
304	Obese mother offspring have hepatic lipidic modulation that contributes to sex-dependent metabolic adaptation later in life. <i>Communications Biology</i> , 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. <i>Antioxidants</i> , 2021 , 10,	7.1	9
302	Polar lipidomic profile shows <i>Chlorococcum amblystomatis</i> as a promising source of value-added lipids. <i>Scientific Reports</i> , 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. <i>Biomedicines</i> , 2021 , 9,	4.8	2
300	Cardiac phospholipidome is altered during ischemia and reperfusion in an ex vivo rat model. <i>Biochemistry and Biophysics Reports</i> , 2021 , 27, 101037	2.2	1
299	Microalgal Lipid Extracts Have Potential to Modulate the Inflammatory Response: A Critical Review. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	8
298	Photosynthesis from stolen chloroplasts can support sea slug reproductive fitness. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021 , 288, 20211779	4.4	4
297	Light Induced Changes in Pigment and Lipid Profiles of Bryopsidales Algae. <i>Frontiers in Marine Science</i> , 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. <i>Ecological Indicators</i> , 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. <i>Science of the Total Environment</i> , 2021 , 795, 148634	10.2	0
294	Halophyte Plants Cultured in Aquaponics Hold the Same Potential for Valorization as Wild Conspecifics from Donor Sites. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 11586	2.6	0
293	An overview of lipidomic analysis in different human matrices of multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 44, 102189	4	7
292	Seasonal plasticity of the polar lipidome of <i>Ulva rigida</i> cultivated in a sustainable integrated multi-trophic aquaculture. <i>Algal Research</i> , 2020 , 49, 101958	5	12
291	Revealing the illegal harvesting of Manila clams (<i>Ruditapes philippinarum</i>) using fatty acid profiles of the adductor muscle. <i>Food Control</i> , 2020 , 118, 107368	6.2	4
290	Advancing Target Identification of Nitrated Phospholipids in Biological Systems by HCD Specific Fragmentation Fingerprinting in Orbitrap Platforms. <i>Molecules</i> , 2020 , 25,	4.8	5
289	Site-Specific Lipidomic Signatures of Sea Lettuce (spp., Chlorophyta) Hold the Potential to Trace Their Geographic Origin. <i>Biomolecules</i> , 2020 , 10,	5.9	6
288	Halophyte plants from sustainable marine aquaponics are a valuable source of omega-3 polar lipids. <i>Food Chemistry</i> , 2020 , 320, 126560	8.5	10
287	Nutrient availability affects the polar lipidome of <i>Halimione portulacoides</i> leaves cultured in hydroponics. <i>Scientific Reports</i> , 2020 , 10, 6583	4.9	4
286	Screening for polar lipids, antioxidant, and anti-inflammatory activities of <i>Gloeotheca</i> sp. lipid extracts pursuing new phytochemicals from cyanobacteria. <i>Journal of Applied Phycology</i> , 2020 , 32, 3015-3030	3.2	15
285	The Unique Lipidomic Signatures of Can Be Used to Pinpoint Their Geographic Origin. <i>Biomolecules</i> , 2020 , 10,	5.9	18
284	Lipidomic Analysis Reveals Specific Differences between Fibroblast and Keratinocyte Ceramide Profile of Patients with Psoriasis Vulgaris. <i>Molecules</i> , 2020 , 25,	4.8	16

283	Tumor Resection Induces Alterations on Serum Phospholipidome of Liver Cancer Patients. <i>Lipids</i> , 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. <i>Marine Drugs</i> , 2020 , 18,	6	11
281	Insights on Ultrafiltration-Based Separation for the Purification and Quantification of Methotrexate in Nanocarriers. <i>Molecules</i> , 2020 , 25,	4.8	6
280	Sphingomyelins Prevent Propagation of Lipid Peroxidation-LC-MS/MS Evaluation of Inhibition Mechanisms. <i>Molecules</i> , 2020 , 25,	4.8	8
279	Lipids and phenylketonuria: Current evidences pointed the need for lipidomics studies. <i>Archives of Biochemistry and Biophysics</i> , 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. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 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. <i>Antioxidants</i> , 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. <i>Antibiotics</i> , 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. <i>Antioxidants</i> , 2020 , 9,	7.1	12
274	Differential Modulation of the Phospholipidome of Proinflammatory Human Macrophages by the Flavonoids Quercetin, Naringin and Naringenin. <i>Molecules</i> , 2020 , 25,	4.8	2
273	The Polar Lipidome of Cultured : A Source of Bioactive Lipids with Relevance for Biotechnological Applications. <i>Biomolecules</i> , 2020 , 10,	5.9	6
272	Valuing Bioactive Lipids from Green, Red and Brown Macroalgae from Aquaculture, to Foster Functionality and Biotechnological Applications. <i>Molecules</i> , 2020 , 25,	4.8	19
271	Cannabidiol-Mediated Changes to the Phospholipid Profile of UVB-Irradiated Keratinocytes from Psoriatic Patients. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
270	Cell quality control mechanisms maintain stemness and differentiation potential of P19 embryonic carcinoma cells. <i>Autophagy</i> , 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. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 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. <i>Integrative and Comparative Biology</i> , 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. <i>Human Molecular Genetics</i> , 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. <i>Marine Drugs</i> , 2019 , 17,	6	21

265	Exercise training counteracts urothelial carcinoma-induced alterations in skeletal muscle mitochondria phospholipidome in an animal model. <i>Scientific Reports</i> , 2019 , 9, 13423	4.9	4
264	Discovery of bioactive nitrated lipids and nitro-lipid-protein adducts using mass spectrometry-based approaches. <i>Redox Biology</i> , 2019 , 23, 101106	11.3	23
263	Lipidomics in autoimmune diseases with main focus on systemic lupus erythematosus. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 174, 386-395	3.5	16
262	Contribution of non-enzymatic transglycosylation reactions to the honey oligosaccharides origin and diversity. <i>Pure and Applied Chemistry</i> , 2019 , 91, 1231-1242	2.1	5
261	Evaluation of air oxidized PAPC: A multi laboratory study by LC-MS/MS. <i>Free Radical Biology and Medicine</i> , 2019 , 144, 156-166	7.8	12
260	Insight into the cellular effects of nitrated phospholipids: Evidence for pleiotropic mechanisms of action. <i>Free Radical Biology and Medicine</i> , 2019 , 144, 192-202	7.8	8
259	The effects of different extraction methods of lipids from <i>Nannochloropsis oceanica</i> on the contents of omega-3 fatty acids. <i>Algal Research</i> , 2019 , 41, 101556	5	24
258	Lipidomic Signatures Reveal Seasonal Shifts on the Relative Abundance of High-Valued Lipids from the Brown Algae. <i>Marine Drugs</i> , 2019 , 17,	6	29
257	Analysis of oxidised and glycated aminophospholipids: Complete structural characterisation by C30 liquid chromatography-high resolution tandem mass spectrometry. <i>Free Radical Biology and Medicine</i> , 2019 , 144, 144-155	7.8	6
256	Liquid chromatography/tandem mass spectrometry characterization of nitroso, nitrated and nitroxidized cardiolipin products. <i>Free Radical Biology and Medicine</i> , 2019 , 144, 183-191	7.8	6
255	Oxidized phosphatidylserine mitigates LPS-triggered macrophage inflammatory status through modulation of JNK and NF- κ B signaling cascades. <i>Cellular Signalling</i> , 2019 , 61, 30-38	4.9	7
254	Decoding the Fatty Acid Profile of <i>Bacillus licheniformis</i> I89 and Its Adaptation to Different Growth Conditions to Investigate Possible Biotechnological Applications. <i>Lipids</i> , 2019 , 54, 245-253	1.6	2
253	Functional Impairment of Circulating Fc γ RI Monocytes and Myeloid Dendritic Cells in Hepatocellular Carcinoma and Cholangiocarcinoma Patients. <i>Cytometry Part B - Clinical Cytometry</i> , 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. <i>Biology of Sex Differences</i> , 2019 , 10, 11	9.3	18
251	Mass spectrometry strategies to unveil modified aminophospholipids of biological interest. <i>Mass Spectrometry Reviews</i> , 2019 , 38, 323-355	11	3
250	Polar lipid profile of <i>Saccharina latissima</i> , a functional food from the sea. <i>Algal Research</i> , 2019 , 39, 101473	5	26
249	Hepatoprotection of L., L. and L. <i>Antioxidants</i> , 2019 , 8,	7.1	9
248	Lipidomics Reveals Similar Changes in Serum Phospholipid Signatures of Overweight and Obese Pediatric Subjects. <i>Journal of Proteome Research</i> , 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. <i>Molecules</i> , 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. <i>Molecules</i> , 2019 , 24,	4.8	3
245	Lipidomic signature of <i>Bacillus licheniformis</i> I89 during the different growth phases unravelled by high-resolution liquid chromatography-mass spectrometry. <i>Archives of Biochemistry and Biophysics</i> , 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. <i>Journal of Molecular Biology</i> , 2019 , 431, 273-288	6.5	6
243	Lipidomic signature of the green macroalgae <i>Ulva rigida</i> farmed in a sustainable integrated multi-trophic aquaculture. <i>Journal of Applied Phycology</i> , 2019 , 31, 1369-1381	3.2	20
242	Chemical characterization and cytotoxic potential of an ellagitannin-enriched fraction from <i>Fragaria vesca</i> leaves. <i>Arabian Journal of Chemistry</i> , 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. <i>International Journal of Obesity</i> , 2019 , 43, 158-168	5.5	8
240	Profile of Phosphatidylserine Modifications under Nitroxidative Stress Conditions Using a Liquid Chromatography-Mass Spectrometry Based Approach. <i>Molecules</i> , 2018 , 24,	4.8	7
239	New Insights into the Anti-Inflammatory and Antioxidant Properties of Nitrated Phospholipids. <i>Lipids</i> , 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. <i>Cell and Tissue Research</i> , 2018 , 373, 459-476	4.2	6
237	Effects of gamma irradiation and periodate oxidation on the structure of dextrin assessed by mass spectrometry. <i>European Polymer Journal</i> , 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. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 151, 227-234	3.5	3
235	Olive (<i>Olea europaea</i> L. cv. <i>Galega vulgar</i>) Seed Oil: A First Insight into the Major Lipid Composition of a Promising Agro-Industrial By-Product at Two Ripeness Stages. <i>European Journal of Lipid Science and Technology</i> , 2018 , 120, 1700381	3	6
234	Electrochemical oxidation of phosphatidylethanolamines studied by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2018 , 53, 223-233	2.2	7
233	Plasma lipidomic profile signature of rheumatoid arthritis versus Lyme arthritis patients. <i>Archives of Biochemistry and Biophysics</i> , 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. <i>Water Research</i> , 2018 , 144, 532-542	12.5	10
231	High-Resolution Lipidomics of the Early Life Stages of the Red Seaweed <i>Porphyra dioica</i> . <i>Molecules</i> , 2018 , 23,	4.8	26
230	Phospholipidome of endothelial cells shows a different adaptation response upon oxidative, glycolytic and lipoxidative stress. <i>Scientific Reports</i> , 2018 , 8, 12365	4.9	19

229	Polar lipidome profiling of <i>Salicornia ramosissima</i> and <i>Halimione portulacoides</i> and the relevance of lipidomics for the valorization of halophytes. <i>Phytochemistry</i> , 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. <i>European Journal of Lipid Science and Technology</i> , 2018 , 120, 1800101	3	3
227	Modulation of the inflammatory response of immune cells in human peripheral blood by oxidized arachidonoyl aminophospholipids. <i>Archives of Biochemistry and Biophysics</i> , 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. <i>PLoS ONE</i> , 2018 , 13, e0202402	3.7	2
225	Polar Lipids from Olives and Olive Oil: A Review on Their Identification, Significance and Potential Biotechnological Applications. <i>Foods</i> , 2018 , 7,	4.9	25
224	Contact dermatitis: in pursuit of sensitizer's molecular targets through proteomics. <i>Archives of Toxicology</i> , 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. <i>Journal of Hazardous Materials</i> , 2017 , 323, 250-263	12.8	18
222	Comparison of the toxicological impacts of carbamazepine and a mixture of its photodegradation products in <i>Scrobicularia plana</i> . <i>Journal of Hazardous Materials</i> , 2017 , 323, 220-232	12.8	27
221	Transglycosylation reactions, a main mechanism of phenolics incorporation in coffee melanoidins: Inhibition by Maillard reaction. <i>Food Chemistry</i> , 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. <i>Free Radical Biology and Medicine</i> , 2017 , 106, 219-227	7.8	11
219	Measurements of the effects of wine maceration with oak chips using an electronic tongue. <i>Food Chemistry</i> , 2017 , 229, 20-27	8.5	26
218	Fatty acid dynamics of the adductor muscle of live cockles (<i>Cerastoderma edule</i>) during their shelf-life and its relevance for traceability of geographic origin. <i>Food Control</i> , 2017 , 77, 192-198	6.2	7
217	Mass Spectrometric Analysis of Lipid Hydroperoxides. <i>Neuromethods</i> , 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. <i>International Journal of Biochemistry and Cell Biology</i> , 2017 , 87, 114-124	5.6	31
215	Spatio-temporal variability in the fatty acid profile of the adductor muscle of the common cockle <i>Cerastoderma edule</i> and its relevance for tracing geographic origin. <i>Food Control</i> , 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. <i>Data in Brief</i> , 2017 , 13, 145-161	1.2	14
213	Lipid remodelling in human melanoma cells in response to UVA exposure. <i>Photochemical and Photobiological Sciences</i> , 2017 , 16, 744-752	4.2	5
212	Effect of Maternal Size, Reproductive Season and Interannual Variability in Offspring Provisioning of <i>Carcinus maenas</i> in a Coastal Lagoon. <i>Estuaries and Coasts</i> , 2017 , 40, 1732-1743	2.8	3

211	Valorization of Lipids from Gracilaria sp. through Lipidomics and Decoding of Antiproliferative and Anti-Inflammatory Activity. <i>Marine Drugs</i> , 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. <i>Scientific Reports</i> , 2017 , 7, 11502	4.9	11
209	Bioactive chitosan/ellagic acid films with UV-light protection for active food packaging. <i>Food Hydrocolloids</i> , 2017 , 73, 120-128	10.6	100
208	Phospholipidomic Analysis Reveals Changes in Sphingomyelin and Lysophosphatidylcholine Profiles in Plasma from Patients with Neuroborreliosis. <i>Lipids</i> , 2017 , 52, 93-98	1.6	13
207	In vitro macrophage nitric oxide production by Pterospartum tridentatum (L.) Willk. inflorescence polysaccharides. <i>Carbohydrate Polymers</i> , 2017 , 157, 176-184	10.3	24
206	Carvedilol exacerbate gentamicin-induced kidney mitochondrial alterations in adult rat. <i>Experimental and Toxicologic Pathology</i> , 2017 , 69, 83-92		6
205	Characterization of 2,3-diaryl-xanthenes by electrospray mass spectrometry: gas-phase chemistry versus known antioxidant activity properties. <i>Rapid Communications in Mass Spectrometry</i> , 2016 , 30, 2228-236	2.3	3
204	Lipidomic investigation of eggs: Changes in lipid profile of eggs from different conditions. <i>Food Research International</i> , 2016 , 89, 177-185	7	19
203	Do cinnamylideneacetophenones have antioxidant properties and a protective effect toward the oxidation of phosphatidylcholines?. <i>European Journal of Medicinal Chemistry</i> , 2016 , 121, 331-337	6.8	3
202	Oxidation of amylose and amylopectin by hydroxyl radicals assessed by electrospray ionisation mass spectrometry. <i>Carbohydrate Polymers</i> , 2016 , 148, 290-9	10.3	14
201	Recent Advances on Mass Spectrometry Analysis of Nitrated Phospholipids. <i>Analytical Chemistry</i> , 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. <i>Journal of Agricultural and Food Chemistry</i> , 2016 , 64, 1831-40	5.7	8
199	Revisiting the structural features of arabinoxylans from brewers' spent grain. <i>Carbohydrate Polymers</i> , 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. <i>Carbohydrate Polymers</i> , 2016 , 141, 253-62	10.3	16
197	Lipidomic Approaches towards Deciphering Glycolipids from Microalgae as a Reservoir of Bioactive Lipids. <i>Marine Drugs</i> , 2016 , 14,	6	68
196	Bioprospecting of Marine Macrophytes Using MS-Based Lipidomics as a New Approach. <i>Marine Drugs</i> , 2016 , 14,	6	36
195	Phospholipidomic Profile Variation on THP-1 Cells Exposed to Skin or Respiratory Sensitizers and Respiratory Irritant. <i>Journal of Cellular Physiology</i> , 2016 , 231, 2639-51	7	7
194	Alteration in Phospholipidome Profile of Myoblast H9c2 Cell Line in a Model of Myocardium Starvation and Ischemia. <i>Journal of Cellular Physiology</i> , 2016 , 231, 2266-74	7	23

193	Lipidomics of Mesenchymal Stromal Cells: Understanding the Adaptation of Phospholipid Profile in Response to Pro-Inflammatory Cytokines. <i>Journal of Cellular Physiology</i> , 2016 , 231, 1024-32	7	29
192	Fatty Acids of Densely Packed Embryos of <i>Carcinus maenas</i> Reveal Homogeneous Maternal Provisioning and No Within-Brood Variation at Hatching. <i>Biological Bulletin</i> , 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. <i>Chemosphere</i> , 2016 , 154, 599-603	8.4	14
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27	Separation of peroxidation products of diacyl-phosphatidylcholines by reversed-phase liquid chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2005 , 19, 129-37	1.7	59
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24	Electrospray tandem mass spectrometry of underivatised acetylated xylo-oligosaccharides. <i>Rapid Communications in Mass Spectrometry</i> , 2005 , 19, 3589-99	2.2	27
23	Identification by electrospray tandem mass spectrometry of spin-trapped free radicals from oxidized 2-oleoyl-1-palmitoyl-sn-glycero-3-phosphocholine. <i>Rapid Communications in Mass Spectrometry</i> , 2004 , 18, 1047-58	2.2	12
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20	Structural characterization of glycoporphyrins by electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004 , 39, 158-67	2.2	16
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