

# Pedro Domingues

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6252813/publications.pdf>

Version: 2024-02-01

269  
papers

7,834  
citations

53794

45  
h-index

98798

67  
g-index

279  
all docs

279  
docs citations

279  
times ranked

9602  
citing authors

#	ARTICLE	IF	CITATIONS
1	GC-MS “ Still standing for clinical and forensic analysis: validation of a multidrug method to detect and quantify illicit drugs. Australian Journal of Forensic Sciences, 2023, 55, 107-128.	1.2	7
2	Bone marrow follicular-like T cells in monoclonal gammopathies. Cytometry Part B - Clinical Cytometry, 2022, 102, 70-72.	1.5	0
3	Food grade extraction of Chlorella vulgaris polar lipids: A comparative lipidomic study. Food Chemistry, 2022, 375, 131685.	8.2	12
4	Algal Lipids as Modulators of Skin Disease: A Critical Review. Metabolites, 2022, 12, 96.	2.9	18
5	Multi-Omic Profiling of Macrophages Treated with Phospholipids Containing Omega-3 and Omega-6 Fatty Acids Reveals Complex Immunomodulatory Adaptations at Protein, Lipid and Metabolic Levels. International Journal of Molecular Sciences, 2022, 23, 2139.	4.1	4
6	Bioprospecting Bioactive Polar Lipids from Olive (Olea europaea cv. Galega vulgar) Fruit Seeds: LC-HR-MS/MS Fingerprinting and Sub-Geographic Comparison. Foods, 2022, 11, 951.	4.3	5
7	Lipidome in-depth characterization highlights the nutritional value and species-specific idiosyncrasies of different Ulva species. Algal Research, 2022, 64, 102694.	4.6	5
8	Potential Anti-Obesity, Anti-Steatosis, and Anti-Inflammatory Properties of Extracts from the Microalgae Chlorella vulgaris and Chlorococcum amblystomatis under Different Growth Conditions. Marine Drugs, 2022, 20, 9.	4.6	12
9	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.	4.6	12
10	Understanding the nitrolipidome: From chemistry to mass spectrometry and biological significance of modified complex lipids. Progress in Lipid Research, 2022, 87, 101176.	11.6	4
11	Tracking Prostate Carcinogenesis over Time through Urine Proteome Profiling in an Animal Model: An Exploratory Approach. International Journal of Molecular Sciences, 2022, 23, 7560.	4.1	0
12	Peptone from casein, an antagonist of nonribosomal peptide synthesis: a case study of pedopeptins produced by Pedobacter lusitanus NL19. New Biotechnology, 2021, 60, 62-71.	4.4	7
13	Serum phospholipidomics reveals altered lipid profile and promising biomarkers in multiple sclerosis. Archives of Biochemistry and Biophysics, 2021, 697, 108672.	3.0	31
14	Chemoplasticity of the polar lipid profile of the microalgae Chlorella vulgaris grown under heterotrophic and autotrophic conditions. Algal Research, 2021, 53, 102128.	4.6	24
15	Effects of feeding with different live preys on the lipid composition, growth and survival of Octopus vulgaris paralarvae. Aquaculture Research, 2021, 52, 105-116.	1.8	4
16	Polar lipidomic profile shows Chlorococcum amblystomatis as a promising source of value-added lipids. Scientific Reports, 2021, 11, 4355.	3.3	29
17	Polar Lipids of Commercial Ulva spp. of Different Origins: Profiling and Relevance for Seaweed Valorization. Foods, 2021, 10, 914.	4.3	13
18	Effect of harvesting month and proximity to fish farm sea cages on the lipid profile of cultivated Saccharina latissima. Algal Research, 2021, 54, 102201.	4.6	14

#	ARTICLE	IF	CITATIONS
19	Plasma Phospholipidomic Profile Differs between Children with Phenylketonuria and Healthy Children. <i>Journal of Proteome Research</i> , 2021, 20, 2651-2661.	3.7	9
20	Insights of species-specific polar lipidome signatures of seaweeds fostering their valorization in the blue bioeconomy. <i>Algal Research</i> , 2021, 55, 102242.	4.6	17
21	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.	1.8	4
22	Microalgae as Sustainable Bio-Factories of Healthy Lipids: Evaluating Fatty Acid Content and Antioxidant Activity. <i>Marine Drugs</i> , 2021, 19, 357.	4.6	54
23	Polar Lipids Composition, Antioxidant and Anti-Inflammatory Activities of the Atlantic Red Seaweed <i>Grateloupia turuturu</i> . <i>Marine Drugs</i> , 2021, 19, 414.	4.6	22
24	Exploring the aging effect of the anticancer drugs doxorubicin and mitoxantrone on cardiac mitochondrial proteome using a murine model. <i>Toxicology</i> , 2021, 459, 152852.	4.2	15
25	Changes in Phospholipid/Ceramide Profiles and Eicosanoid Levels in the Plasma of Rats Irradiated with UV Rays and Treated Topically with Cannabidiol. <i>International Journal of Molecular Sciences</i> , 2021, 22, 8700.	4.1	6
26	Cardiac phospholipidome is altered during ischemia and reperfusion in an ex vivo rat model. <i>Biochemistry and Biophysics Reports</i> , 2021, 27, 101037.	1.3	4
27	Microalgal Lipid Extracts Have Potential to Modulate the Inflammatory Response: A Critical Review. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9825.	4.1	18
28	Protective effects of cannabidiol on the membrane proteins of skin keratinocytes exposed to hydrogen peroxide via participation in the proteostasis network. <i>Redox Biology</i> , 2021, 46, 102074.	9.0	10
29	Ethanol Extraction of Polar Lipids from <i>Nannochloropsis oceanica</i> for Food, Feed, and Biotechnology Applications Evaluated Using Lipidomic Approaches. <i>Marine Drugs</i> , 2021, 19, 593.	4.6	15
30	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, 1178.	5.1	15
31	Changes in Proteome of Fibroblasts Isolated from Psoriatic Skin Lesions. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5363.	4.1	31
32	The Polar Lipidome of Cultured <i>Emiliania huxleyi</i> : A Source of Bioactive Lipids with Relevance for Biotechnological Applications. <i>Biomolecules</i> , 2020, 10, 1434.	4.0	14
33	Cannabidiol-Mediated Changes to the Phospholipid Profile of UVB-Irradiated Keratinocytes from Psoriatic Patients. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6592.	4.1	20
34	Natural Exogenous Antioxidant Defense against Changes in Human Skin Fibroblast Proteome Disturbed by UVA Radiation. <i>Oxidative Medicine and Cellular Longevity</i> , 2020, 2020, 1-12.	4.0	13
35	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.	4.6	25
36	Advancing Target Identification of Nitrated Phospholipids in Biological Systems by HCD Specific Fragmentation Fingerprinting in Orbitrap Platforms. <i>Molecules</i> , 2020, 25, 2120.	3.8	10

#	ARTICLE	IF	CITATIONS
37	Site-Specific Lipidomic Signatures of Sea Lettuce ( <i>Ulva</i> spp., Chlorophyta) Hold the Potential to Trace Their Geographic Origin. <i>Biomolecules</i> , 2020, 10, 489.	4.0	13
38	Halophyte plants from sustainable marine aquaponics are a valuable source of omega-3 polar lipids. <i>Food Chemistry</i> , 2020, 320, 126560.	8.2	19
39	The Unique Lipidomic Signatures of <i>Saccharina latissima</i> Can Be Used to Pinpoint Their Geographic Origin. <i>Biomolecules</i> , 2020, 10, 107.	4.0	33
40	Lipidomic Analysis Reveals Specific Differences between Fibroblast and Keratinocyte Ceramide Profile of Patients with Psoriasis Vulgaris. <i>Molecules</i> , 2020, 25, 630.	3.8	32
41	Tumor Resection Induces Alterations on Serum Phospholipidome of Liver Cancer Patients. <i>Lipids</i> , 2020, 55, 185-191.	1.7	0
42	Domesticated Populations of <i>Codium tomentosum</i> 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, 188.	4.6	23
43	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.	2.0	9
44	Lipidomics Reveals Similar Changes in Serum Phospholipid Signatures of Overweight and Obese Pediatric Subjects. <i>Journal of Proteome Research</i> , 2019, 18, 3174-3183.	3.7	33
45	Lipidomic Profiling of the Olive ( <i>Olea europaea</i> 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, 2555.	3.8	25
46	The Differences in the Proteome Profile of Cannabidiol-Treated Skin Fibroblasts following UVA or UVB Irradiation in 2D and 3D Cell Cultures. <i>Cells</i> , 2019, 8, 995.	4.1	43
47	Redox lipidomics and adductomics - Advanced analytical strategies to study oxidized lipids and lipid-protein adducts. <i>Free Radical Biology and Medicine</i> , 2019, 144, 1-5.	2.9	9
48	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.	2.9	7
49	A New Look for the Red Macroalga <i>Palmaria palmata</i> : A Seafood with Polar Lipids Rich in EPA and with Antioxidant Properties. <i>Marine Drugs</i> , 2019, 17, 533.	4.6	38
50	Exercise training counteracts urothelial carcinoma-induced alterations in skeletal muscle mitochondria phospholipidome in an animal model. <i>Scientific Reports</i> , 2019, 9, 13423.	3.3	7
51	Discovery of bioactive nitrated lipids and nitro-lipid-protein adducts using mass spectrometry-based approaches. <i>Redox Biology</i> , 2019, 23, 101106.	9.0	28
52	Profile of Phosphatidylserine Modifications under Nitroxidative Stress Conditions Using a Liquid Chromatography-Mass Spectrometry Based Approach. <i>Molecules</i> , 2019, 24, 107.	3.8	9
53	Studies on Woloszynskioid Dinoflagellates X: Ultrastructure, Phylogeny and Colour Variation in <i>Tovellia rubescens</i> n. sp. (Dinophyceae). <i>Journal of Eukaryotic Microbiology</i> , 2019, 66, 937-953.	1.7	7
54	Evaluation of air oxidized PAPC: A multi laboratory study by LC-MS/MS. <i>Free Radical Biology and Medicine</i> , 2019, 144, 156-166.	2.9	18

#	ARTICLE	IF	CITATIONS
55	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.	4.6	47
56	Lipidomic Signatures Reveal Seasonal Shifts on the Relative Abundance of High-Valued Lipids from the Brown Algae <i>Fucus vesiculosus</i> . <i>Marine Drugs</i> , 2019, 17, 335.	4.6	53
57	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.	2.9	7
58	Liquid chromatography/tandem mass spectrometry characterization of nitroso, nitrated and nitroxidized cardiolipin products. <i>Free Radical Biology and Medicine</i> , 2019, 144, 183-191.	2.9	9
59	Oxidized phosphatidylserine mitigates LPS-triggered macrophage inflammatory status through modulation of JNK and NF- $\kappa$ B signaling cascades. <i>Cellular Signalling</i> , 2019, 61, 30-38.	3.6	12
60	Decoding the Fatty Acid Profile of <i>Bacillus licheniformis</i> 189 and Its Adaptation to Different Growth Conditions to Investigate Possible Biotechnological Applications. <i>Lipids</i> , 2019, 54, 245-253.	1.7	4
61	Mass spectrometry strategies to unveil modified aminophospholipids of biological interest. <i>Mass Spectrometry Reviews</i> , 2019, 38, 323-355.	5.4	5
62	R-phycoerythrin extraction and purification from fresh <i>Gracilaria</i> sp. using thermo-responsive systems. <i>Green Chemistry</i> , 2019, 21, 3816-3826.	9.0	26
63	Polar lipid profile of <i>Saccharina latissima</i> , a functional food from the sea. <i>Algal Research</i> , 2019, 39, 101473.	4.6	41
64	Lipidomic signature of <i>Bacillus licheniformis</i> 189 during the different growth phases unravelled by high-resolution liquid chromatography-mass spectrometry. <i>Archives of Biochemistry and Biophysics</i> , 2019, 663, 83-94.	3.0	10
65	Comparison of salivary proteome of children with different sensitivities for bitter and sweet tastes: association with body mass index. <i>International Journal of Obesity</i> , 2019, 43, 701-712.	3.4	17
66	The Proteomic Profile of Keratinocytes and Lymphocytes in Psoriatic Patients. <i>Proteomics - Clinical Applications</i> , 2019, 13, e1800119.	1.6	20
67	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.	2.8	36
68	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.	4.9	20
69	New Insights into the Anti-inflammatory and Antioxidant Properties of Nitrated Phospholipids. <i>Lipids</i> , 2018, 53, 117-131.	1.7	20
70	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.	2.9	10
71	Proteomic plasma profile of psoriatic patients. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 155, 185-193.	2.8	46
72	Proteins involved in the antioxidant and inflammatory response in rutin-treated human skin fibroblasts exposed to UVA or UVB irradiation. <i>Journal of Dermatological Science</i> , 2018, 90, 241-252.	1.9	32

#	ARTICLE	IF	CITATIONS
73	Gas-phase structural characterization of neuropeptides Y1 receptor antagonists using mass spectrometry: Orbitrap vs triple quadrupole. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 151, 227-234.	2.8	3
74	Olive ( <i>Olea europaea</i> L. cv. <i>Galega vulgaris</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.	1.5	7
75	Electrochemical oxidation of phosphatidylethanolamines studied by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2018, 53, 223-233.	1.6	9
76	A fast method for GHB-GLUC quantitation in whole blood by GC-MS/MS (TQD) for forensic purposes. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 150, 107-111.	2.8	6
77	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.	1.5	3
78	A lipidomic perspective on the embryogenesis of two commercially important crabs, <i>Carcinus maenas</i> and <i>Necora puber</i> . <i>Bulletin of Marine Science</i> , 2018, 94, 1395-1411.	0.8	7
79	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.	3.0	6
80	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.	2.5	5
81	Polar Lipids from Olives and Olive Oil: A Review on Their Identification, Significance and Potential Biotechnological Applications. <i>Foods</i> , 2018, 7, 109.	4.3	33
82	Plasma lipidomic profile signature of rheumatoid arthritis versus Lyme arthritis patients. <i>Archives of Biochemistry and Biophysics</i> , 2018, 654, 105-114.	3.0	20
83	High-Resolution Lipidomics of the Early Life Stages of the Red Seaweed <i>Porphyra dioica</i> . <i>Molecules</i> , 2018, 23, 187.	3.8	36
84	Phospholipidome of endothelial cells shows a different adaptation response upon oxidative, glycolytic and lipoxidative stress. <i>Scientific Reports</i> , 2018, 8, 12365.	3.3	29
85	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.	2.9	30
86	Contact dermatitis: in pursuit of sensitizer's molecular targets through proteomics. <i>Archives of Toxicology</i> , 2017, 91, 811-825.	4.2	11
87	Transglycosylation reactions, a main mechanism of phenolics incorporation in coffee melanoidins: Inhibition by Maillard reaction. <i>Food Chemistry</i> , 2017, 227, 422-431.	8.2	59
88	Effective separation of aromatic and aliphatic amino acid mixtures using ionic-liquid-based aqueous biphasic systems. <i>Green Chemistry</i> , 2017, 19, 1850-1854.	9.0	43
89	<i>Trichoderma harzianum</i> T1A constitutively secretes proteins involved in the biological control of <i>Guignardia citricarpa</i> . <i>Biological Control</i> , 2017, 106, 99-109.	3.0	30
90	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.	2.9	12

#	ARTICLE	IF	CITATIONS
91	Antimicrobial activity of 2-mercaptobenzothiazole released from environmentally friendly nanostructured layered double hydroxides. <i>Journal of Applied Microbiology</i> , 2017, 122, 1207-1218.	3.1	18
92	Mass Spectrometric Analysis of Lipid Hydroperoxides. <i>Neuromethods</i> , 2017, , 133-146.	0.3	1
93	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.	1.0	22
94	Lipid remodelling in human melanoma cells in response to UVA exposure. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 744-752.	2.9	7
95	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.	2.2	5
96	Kleptoplasty does not promote major shifts in the lipidome of macroalgal chloroplasts sequestered by the sacoglossan sea slug <i>Elysia viridis</i> . <i>Scientific Reports</i> , 2017, 7, 11502.	3.3	13
97	Interaction of nitrated/nitroxidized phospholipids with vimentin. <i>Free Radical Biology and Medicine</i> , 2017, 108, S52.	2.9	0
98	Phospholipidomic Analysis Reveals Changes in Sphingomyelin and Lysophosphatidylcholine Profiles in Plasma from Patients with Neuroborreliosis. <i>Lipids</i> , 2017, 52, 93-98.	1.7	18
99	Valorization of Lipids from <i>Gracilaria</i> sp. through Lipidomics and Decoding of Antiproliferative and Anti-Inflammatory Activity. <i>Marine Drugs</i> , 2017, 15, 62.	4.6	68
100	New Insights on the Impact of Statin Therapy in the Susceptibility to Hypovitaminosis D Through Serum Lipidome Profiling. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2017, 14, 113-119.	1.0	0
101	Bioprospecting of Marine Macrophytes Using MS-Based Lipidomics as a New Approach. <i>Marine Drugs</i> , 2016, 14, 49.	4.6	43
102	Temperature Modulates the Secretome of the Phytopathogenic Fungus <i>Lasiodiplodia theobromae</i> . <i>Frontiers in Plant Science</i> , 2016, 7, 1096.	3.6	31
103	Phospholipidomic Profile Variation on THP- $\alpha$ 1 Cells Exposed to Skin or Respiratory Sensitizers and Respiratory Irritant. <i>Journal of Cellular Physiology</i> , 2016, 231, 2639-2651.	4.1	8
104	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, 2266-2274.	4.1	29
105	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, 1024-1032.	4.1	41
106	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, 120-129.	1.8	3
107	Secretome analysis of <i>Trichoderma atroviride</i> T17 biocontrol of <i>Guignardia citricarpa</i> . <i>Biological Control</i> , 2016, 99, 38-46.	3.0	25
108	New Insights on Non-Enzymatic Oxidation of Ganglioside GM1 Using Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 1965-1978.	2.8	6

#	ARTICLE	IF	CITATIONS
109	Blot-MS of Carbonylated Proteins: A Tool to Identify Oxidized Proteins. <i>Methods in Molecular Biology</i> , 2016, 1449, 349-367.	0.9	2
110	Polar lipid profiling of olive oils as a useful tool in helping to decipher their unique fingerprint. <i>LWT - Food Science and Technology</i> , 2016, 74, 371-377.	5.2	27
111	Lipidomic investigation of eggs' yolk: Changes in lipid profile of eggs from different conditions. <i>Food Research International</i> , 2016, 89, 177-185.	6.2	32
112	Oxidation of amylose and amylopectin by hydroxyl radicals assessed by electrospray ionisation mass spectrometry. <i>Carbohydrate Polymers</i> , 2016, 148, 290-299.	10.2	18
113	Recent Advances on Mass Spectrometry Analysis of Nitrated Phospholipids. <i>Analytical Chemistry</i> , 2016, 88, 2622-2629.	6.5	23
114	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, 1831-1840.	5.2	9
115	Phospholipidomic profile variation on dendritic-like cells exposed to skin or respiratory sensitizers and respiratory irritant. <i>Toxicology Letters</i> , 2015, 238, S235-S236.	0.8	0
116	The peroxisomal protein import machinery displays a preference for monomeric substrates. <i>Open Biology</i> , 2015, 5, 140236.	3.6	30
117	Efficient chemo-enzymatic gluten detoxification: reducing toxic epitopes for celiac patients improving functional properties. <i>Scientific Reports</i> , 2015, 5, 18041.	3.3	45
118	The de novo synthesis of ubiquitin: identification of deubiquitinases acting on ubiquitin precursors. <i>Scientific Reports</i> , 2015, 5, 12836.	3.3	82
119	Unravelling polar lipids dynamics during embryonic development of two sympatric brachyuran crabs ( <i>Carcinus maenas</i> and <i>Necora puber</i> ) using lipidomics. <i>Scientific Reports</i> , 2015, 5, 14549.	3.3	21
120	The making of an octopus arm. <i>EvoDevo</i> , 2015, 6, 19.	3.2	29
121	Decoding bioactive polar lipid profile of the macroalgae <i>Codium tomentosum</i> from a sustainable IMTA system using a lipidomic approach. <i>Algal Research</i> , 2015, 12, 388-397.	4.6	53
122	Novel Biocompatible and Self-buffering Ionic Liquids for Biopharmaceutical Applications. <i>Chemistry - A European Journal</i> , 2015, 21, 4781-4788.	3.3	96
123	Lipidomics as a new approach for the bioprospecting of marine macroalgae – Unraveling the polar lipid and fatty acid composition of <i>Chondrus crispus</i> . <i>Algal Research</i> , 2015, 8, 181-191.	4.6	81
124	Effects of maternal diet on reproductive performance of <i>O. maya</i> and its consequences on biochemical characteristics of the yolk, morphology of embryos and hatchling quality. <i>Aquaculture</i> , 2015, 441, 84-94.	3.5	23
125	Potential use of fatty acid profiles of the adductor muscle of cockles ( <i>Cerastoderma edule</i> ) for traceability of collection site. <i>Scientific Reports</i> , 2015, 5, 11125.	3.3	43
126	Protein lipoxidation: Detection strategies and challenges. <i>Redox Biology</i> , 2015, 5, 253-266.	9.0	75



#	ARTICLE	IF	CITATIONS
127	Identification and Expression of Acetylcholinesterase in Octopus vulgaris Arm Development and Regeneration: a Conserved Role for ACHE?. <i>Molecular Neurobiology</i> , 2015, 52, 45-56.	4.0	25
128	Heterogeneity of peptide adducts with carbonylated lipid peroxidation products. <i>Journal of Mass Spectrometry</i> , 2015, 50, 603-612.	1.6	11
129	Glycosphingolipids and oxidative stress: Evaluation of hydroxyl radical oxidation of galactosyl and lactosylceramides using mass spectrometry. <i>Chemistry and Physics of Lipids</i> , 2015, 191, 106-114.	3.2	17
130	Alterations in phospholipidomic profile in the brain of mouse model of depression induced by chronic unpredictable stress. <i>Neuroscience</i> , 2014, 273, 1-11.	2.3	58
131	Characterization of cardiolipins and their oxidation products by LC-MS analysis. <i>Chemistry and Physics of Lipids</i> , 2014, 179, 3-10.	3.2	39
132	Comparative proteomics of an extended spectrum $\beta$ -lactamase producing <i>Escherichia coli</i> strain from the Iberian wolf. <i>Journal of Proteomics</i> , 2014, 104, 80-93.	2.4	31
133	Detection of phosphatidylserine with a modified polar head group in human keratinocytes exposed to the radical generator AAPH. <i>Archives of Biochemistry and Biophysics</i> , 2014, 548, 38-45.	3.0	19
134	Evaluation of the photooxidation of galactosyl- and lactosylceramide by electrospray ionization mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2014, 28, 2275-2284.	1.5	9
135	Fatty acid and phospholipid biosynthetic pathways are regulated throughout mammary epithelial cell differentiation and correlate to breast cancer survival. <i>FASEB Journal</i> , 2014, 28, 4247-4264.	0.5	42
136	The glycation site specificity of human serum transferrin is a determinant for transferrin's functional impairment under elevated glycaemic conditions. <i>Biochemical Journal</i> , 2014, 461, 33-42.	3.7	17
137	Efficiency of Trypsin Digestion for Mass-Spectrometry-Based Identification and Quantification of Oxidized Proteins: Evaluation of the Digestion of Oxidized Bovine Serum Albumin. <i>European Journal of Mass Spectrometry</i> , 2014, 20, 271-278.	1.0	2
138	Effects of dietary protein sources on growth, survival and digestive capacity of <i>Octopus maya</i> juveniles (Mollusca: Cephalopoda). <i>Aquaculture Research</i> , 2013, 44, 1029-1044.	1.8	39
139	Marine gammarids (Crustacea: Amphipoda): a new live prey to culture <i>Octopus maya</i> hatchlings. <i>Aquaculture Research</i> , 2013, 44, 1602-1612.	1.8	38
140	Photodynamic oxidation of <i>Staphylococcus warneri</i> membrane phospholipids: new insights based on lipidomics. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 1607-1618.	1.5	34
141	Photooxidation of glycated and non-glycated phosphatidylethanolamines monitored by mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013, 48, 68-78.	1.6	20
142	Evaluation of oxidation and glyco-oxidation of 1-palmitoyl-2-arachidonoyl-phosphatidylserine by LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 929, 76-83.	2.3	14
143	Liquid chromatography-tandem mass spectrometry of phosphatidylserine advanced glycated end products. <i>Chemistry and Physics of Lipids</i> , 2013, 174, 1-7.	3.2	11
144	Post-translational Modifications and Mass Spectrometry Detection. <i>Free Radical Biology and Medicine</i> , 2013, 65, 925-941.	2.9	101

#	ARTICLE	IF	CITATIONS
145	Photodynamic oxidation of <i>Escherichia coli</i> membrane phospholipids: new insights based on lipidomics. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 2717-2728.	1.5	48
146	Phosphatidylethanolamines Glycation, Oxidation, and Glycooxidation: Effects on Monocyte and Dendritic Cell Stimulation. <i>Cell Biochemistry and Biophysics</i> , 2013, 66, 477-487.	1.8	12
147	Lipidomic analysis of phospholipids from human mammary epithelial and breast cancer cell lines. <i>Journal of Cellular Physiology</i> , 2013, 228, 457-468.	4.1	92
148	Lipoxidation adducts with peptides and proteins: Deleterious modifications or signaling mechanisms?. <i>Journal of Proteomics</i> , 2013, 92, 110-131.	2.4	131
149	Remodeling of liver phospholipidomic profile in streptozotocin-induced diabetic rats. <i>Archives of Biochemistry and Biophysics</i> , 2013, 538, 95-102.	3.0	13
150	Modified phosphatidylethanolamines induce different levels of cytokine expression in monocytes and dendritic cells. <i>Chemistry and Physics of Lipids</i> , 2013, 175-176, 57-64.	3.2	13
151	Lipidomic characterization of streptozotocin-induced heart mitochondrial dysfunction. <i>Mitochondrion</i> , 2013, 13, 762-771.	3.4	25
152	Prospective phospholipid markers for skin sensitization prediction in keratinocytes: A phospholipidomic approach. <i>Archives of Biochemistry and Biophysics</i> , 2013, 533, 33-41.	3.0	18
153	Characterization of in vitro protein oxidation using mass spectrometry: A time course study of oxidized alpha-amylase. <i>Archives of Biochemistry and Biophysics</i> , 2013, 530, 23-31.	3.0	6
154	Differentiation of isomeric Î²(1â€“4) hexose disaccharides by positive electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013, 48, 548-552.	1.6	15
155	Structural motifs in primary oxidation products of palmitoylâ€“arachidonoylâ€“phosphatidylcholines by LCâ€“MS/MS. <i>Journal of Mass Spectrometry</i> , 2013, 48, 1207-1216.	1.6	19
156	Photosensitized oxidation of phosphatidylethanolamines monitored by electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013, 48, 1357-1365.	1.6	21
157	Identification of Ubiquitin-specific Protease 9X (USP9X) as a Deubiquitinase Acting on Ubiquitin-Peroxin 5 (PEX5) Thioester Conjugate. <i>Journal of Biological Chemistry</i> , 2012, 287, 12815-12827.	3.4	87
158	Evaluation of the capacity of oxidized phosphatidylserines to induce the expression of cytokines in monocytes and dendritic cells. <i>Archives of Biochemistry and Biophysics</i> , 2012, 525, 9-15.	3.0	10
159	Mass spectrometry characterization of an Aloe vera mannan presenting immunostimulatory activity. <i>Carbohydrate Polymers</i> , 2012, 90, 229-236.	10.2	53
160	Comparative proteomic map among vanA-containing Enterococcus isolated from yellow-legged gulls. <i>Journal of Integrated OMICS</i> , 2012, 2, .	0.5	0
161	Identification of free radicals in oxidized and glycooxidized phosphatidylethanolamines by spin trapping combined with tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2012, 26, 931-939.	1.5	7
162	Lipidomic approach to identify patterns in phospholipid profiles and define class differences in mammary epithelial and breast cancer cells. <i>Breast Cancer Research and Treatment</i> , 2012, 133, 635-648.	2.5	94

#	ARTICLE	IF	CITATIONS
163	Study of sphingolipids oxidation by ESI tandem MS. <i>European Journal of Lipid Science and Technology</i> , 2012, 114, 726-732.	1.5	13
164	High-Yield Expression in <i>Escherichia coli</i> and Purification of Mouse Ubiquitin-Activating Enzyme E1. <i>Molecular Biotechnology</i> , 2012, 51, 254-261.	2.4	46
165	Profiling changes triggered during maturation of dendritic cells: a lipidomic approach. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 457-471.	3.7	15
166	Preliminary trials on the use of large outdoor tanks for the on-growing of <i>Octopus maya</i> juveniles. <i>Aquaculture Research</i> , 2012, 43, 26-31.	1.8	16
167	Growth and survival of juvenile spider crabs, <i>Maja brachydactyla</i> (Balss, 1922), fed with fresh or frozen mussels. <i>Aquaculture Research</i> , 2012, 43, 167-177.	1.8	6
168	Proteome of a methicillin-resistant <i>Staphylococcus aureus</i> clinical strain of sequence type ST398. <i>Journal of Proteomics</i> , 2012, 75, 2892-2915.	2.4	25
169	Effects of two diets on lipid composition and reproductive performance of brill ( <i>Scophthalmus</i> ) Tj ETQq1 1 0.784314.rgBT /Oylock 10	1.8	5
170	Protein and amino acid composition from the mantle of juvenile <i>Octopus vulgaris</i> exposed to prolonged starvation. <i>Aquaculture Research</i> , 2012, 44, n/a-n/a.	1.8	1
171	Identification of isomeric spin adducts of Leu <sup>•</sup> -Tyr and Tyr <sup>•</sup> -Leu free radicals using liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2012, 26, 51-60.	1.7	1
172	Protein Identification Using Nano-HPLC-MS: ESI-MS and MALDI-MS Interfaces. <i>Methods in Molecular Biology</i> , 2011, 790, 31-46.	0.9	5
173	Proteomic study in an <i>Escherichia coli</i> strain from seagulls of the Berlengas Natural Reserve of Portugal. <i>Journal of Integrated OMICS</i> , 2011, 1, .	0.5	3
174	Current Status and Bottle Neck of Octopod Aquaculture: The Case of American Species. <i>Journal of the World Aquaculture Society</i> , 2011, 42, 735-752.	2.4	52
175	Oxidation of mannosyl oligosaccharides by hydroxyl radicals as assessed by electrospray mass spectrometry. <i>Carbohydrate Research</i> , 2011, 346, 2603-2611.	2.3	26
176	Effects of two dietary protein levels on energy balance and digestive capacity of <i>Octopus maya</i> . <i>Aquaculture International</i> , 2011, 19, 165-180.	2.2	28
177	Influence of amino acid relative position on the oxidative modification of histidine and glycine peptides. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 2779-2794.	3.7	6
178	Glycation and oxidation of histones H2B and H1: in vitro study and characterization by mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 399, 3529-3539.	3.7	41
179	Cardiolipin and oxidative stress: Identification of new short chain oxidation products of cardiolipin in in vitro analysis and in nephrotoxic drug-induced disturbances in rat kidney tissue. <i>International Journal of Mass Spectrometry</i> , 2011, 301, 62-73.	1.5	11
180	Structural Characterization of Oxidized Glycerophosphatidylserine: Evidence of Polar Head Oxidation. <i>Journal of the American Society for Mass Spectrometry</i> , 2011, 22, 1804-1814.	2.8	20

#	ARTICLE	IF	CITATIONS
181	Liquid chromatography/tandem mass spectrometry analysis of long-chain oxidation products of cardiolipin induced by the hydroxyl radical. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 316-326.	1.5	33
182	Cross-oxidation of angiotensin II by glycerophosphatidylcholine oxidation products. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 1413-1421.	1.5	9
183	Proteomic evaluation of <i>Escherichia coli</i> isolates from human clinical strains. <i>Journal of Integrated OMICS</i> , 2011, 1, .	0.5	2
184	Oxidative modifications in glycated insulin. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 1985-1995.	3.7	20
185	Oxidation of glycated phosphatidylethanolamines: evidence of oxidation in glycated polar head identified by LC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 2417-2427.	3.7	21
186	Effects of three culture densities on growth and survival of <i>Octopus vulgaris</i> (Cuvier, 1797). <i>Aquaculture International</i> , 2010, 18, 165-174.	2.2	15
187	Lipid composition of the mantle and digestive gland of <i>Octopus vulgaris</i> juveniles (Cuvier, 1797) exposed to prolonged starvation. <i>Aquaculture International</i> , 2010, 18, 1223-1241.	2.2	57
188	Proteomic characterization of vanA-containing <i>Enterococcus</i> recovered from Seagulls at the Berlengas Natural Reserve, W Portugal. <i>Proteome Science</i> , 2010, 8, 48.	1.7	34
189	Genomic and proteomic evaluation of antibiotic resistance in <i>Salmonella</i> strains. <i>Journal of Proteomics</i> , 2010, 73, 1535-1541.	2.4	20
190	Cleavage of photochromic compounds derived from heterocycles under electrospray tandem mass spectrometry: study of the influence of the heteroatom in fragmentation mechanisms. <i>Rapid Communications in Mass Spectrometry</i> , 2010, 24, 2171-2174.	1.5	2
191	Use of Amphipods as alternative prey to culture cuttlefish ( <i>Sepia officinalis</i> ) hatchlings. <i>Aquaculture</i> , 2010, 300, 243-246.	3.5	33
192	Salivary peptidomics. <i>Expert Review of Proteomics</i> , 2010, 7, 709-721.	3.0	108
193	Recent developments in the structural characterization of substituted <i>meso</i> -tetraarylporphyrins by electrospray tandem mass spectrometry. <i>Journal of Porphyrins and Phthalocyanines</i> , 2009, 13, 524-527.	0.8	9
194	Reactivity of Tyr-Leu and Leu-Tyr dipeptides: identification of oxidation products by liquid chromatography-tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009, 44, 681-693.	1.6	20
195	Identification of 1-palmitoyl-2-oleoyl-phosphatidylethanolamine modifications under oxidative stress conditions by LC-MS/MS. <i>Biomedical Chromatography</i> , 2009, 23, 588-601.	1.7	35
196	Multiplicity of aspartic proteinases from <i>Cynara cardunculus</i> L.. <i>Planta</i> , 2009, 230, 429-439.	3.2	54
197	How size relates to oxygen consumption, ammonia excretion, and ingestion rates in cold ( <i>Enteroctopus megalocyathus</i> ) and tropical ( <i>Octopus maya</i> ) octopus species. <i>Marine Biology</i> , 2009, 156, 1547-1558.	1.5	27
198	Oxidation of bovine serum albumin: identification of oxidation products and structural modifications. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 2307-2315.	1.5	55

#	ARTICLE	IF	CITATIONS
199	Synthesis and differentiation of $\alpha$ - and $\beta$ -glycoporphyrin stereoisomers by electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2009, 23, 3478-3483.	1.5	9
200	Towards defining the whole salivary peptidome. <i>Proteomics - Clinical Applications</i> , 2009, 3, 528-540.	1.6	43
201	Mass spectrometry characterization of the glycation sites of bovine insulin by tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 1319-1326.	2.8	26
202	Identification of Free Radicals by Spin Trapping with DEPMPO and MCPIO Using Tandem Mass Spectrometry. <i>European Journal of Mass Spectrometry</i> , 2009, 15, 689-703.	1.0	16
203	Growth, absorption and assimilation efficiency by mature cuttlefish ( <i>Sepia officinalis</i> ) fed with alternative and artificial diets. <i>Aquaculture International</i> , 2008, 16, 215-229.	2.2	22
204	Determination of the fatty acyl profiles of phosphatidylethanolamines by tandem mass spectrometry of sodium adducts. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 3238-3244.	1.5	13
205	Peptide profile of human acquired enamel pellicle using MALDI tandem MS. <i>Journal of Separation Science</i> , 2008, 31, 523-537.	2.5	41
206	Identification of leucine-enkephalin radical oxidation products by liquid chromatography tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2008, 22, 947-959.	1.7	15
207	On-plate digestion using a commercial microfraction collector for nano-HPLC matrix-assisted laser desorption/ionization tandem time-of-flight protein analysis. <i>Analytical Biochemistry</i> , 2008, 380, 128-130.	2.4	12
208	Mass spectrometry analysis of oxidized phospholipids. <i>Chemistry and Physics of Lipids</i> , 2008, 156, 1-12.	3.2	148
209	Effect of type of binder on growth, digestibility, and energetic balance of <i>Octopus maya</i> . <i>Aquaculture</i> , 2008, 275, 291-297.	3.5	86
210	Effect of two artificial wet diets agglutinated with gelatin on feed and growth performance of common octopus ( <i>Octopus vulgaris</i> ) sub-adults. <i>Aquaculture</i> , 2008, 280, 161-164.	3.5	50
211	Detection and characterization of cyclic hydroxylamine adducts by mass spectrometry. <i>Free Radical Research</i> , 2008, 42, 481-491.	3.3	7
212	Electrospray Tandem Mass Spectrometry of $\beta$ -Nitroalkenyl <i>Meso</i> -Tetraphenylporphyrins. <i>European Journal of Mass Spectrometry</i> , 2008, 14, 49-59.	1.0	9
213	Efectos de la densidad de cultivo y de elementos de refugio en el crecimiento y supervivencia de juveniles de centollo, <i>Maja brachydactyla</i> (Bass, 1922). <i>Revista De Biología Marina Y Oceanografía</i> , 2008, 43, .	0.2	7
214	Functional response of early stages of the cuttlefish <i>Sepia officinalis</i> preying on the mysid <i>Mesopodopsis slabberi</i> . <i>Marine Biology Research</i> , 2007, 3, 462-467.	0.7	7
215	Identification of free radicals of glycerophosphatidylcholines containing $\omega$ -6 fatty acids using spin trapping coupled with tandem mass spectrometry. <i>Free Radical Research</i> , 2007, 41, 432-443.	3.3	16
216	Identification of Anomeric Configuration of Underivatized Reducing Glucopyranosyl-glucose Disaccharides by Tandem Mass Spectrometry and Multivariate Analysis. <i>Analytical Chemistry</i> , 2007, 79, 5896-5905.	6.5	43

#	ARTICLE	IF	CITATIONS
217	Peptidomic analysis of human acquired enamel pellicle. <i>Biomedical Chromatography</i> , 2007, 21, 1107-1117.	1.7	44
218	Evidence for galloylated type-A procyanidins in grape seeds. <i>Food Chemistry</i> , 2007, 105, 1457-1467.	8.2	48
219	Subcellular proteomics of mice gastrocnemius and soleus muscles. <i>Analytical Biochemistry</i> , 2007, 366, 156-169.	2.4	48
220	Radical peroxidation of palmitoyl-linoleoyl-glycerophosphocholine liposomes: Identification of long-chain oxidised products by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 855, 186-199.	2.3	49
221	Biochemical Characterization of SFC-1, a Class A Carbapenem-Hydrolyzing $\beta$ -Lactamase. <i>Antimicrobial Agents and Chemotherapy</i> , 2007, 51, 4512-4514.	3.2	23
222	The effects of feeding with shrimp or fish fry on growth and mantle lipid composition of juvenile and adult cuttlefish ( <i>Sepia officinalis</i> ). <i>Aquaculture</i> , 2006, 256, 403-413.	3.5	51
223	Characterization of cationic glycoporphyrins by electrospray tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2006, 20, 3605-3611.	1.5	15
224	Two-dimensional electrophoresis study of <i>in vitro</i> pellicle formation and dental caries susceptibility. <i>European Journal of Oral Sciences</i> , 2006, 114, 147-153.	1.5	132
225	Peptide-phospholipid cross-linking reactions: Identification of leucine enkephalin-alkal-glycerophosphatidylcholine adducts by tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2006, 17, 657-660.	2.8	13
226	Changes in nonpolar aldehydes in bean cotyledons during ageing. <i>Biologia Plantarum</i> , 2006, 50, 559-564.	1.9	9
227	Identification of linoleic acid free radicals and other breakdown products using spin trapping with liquid chromatography-electrospray tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2006, 20, 109-118.	1.7	14
228	Effect of the pH of growth on the survival of <i>Lactobacillus delbrueckii</i> subsp. <i>bulgaricus</i> to stress conditions during spray-drying. <i>Journal of Applied Microbiology</i> , 2005, 98, 775-782.	3.1	77
229	Separation of peroxidation products of diacyl-phosphatidylcholines by reversed-phase liquid chromatography-mass spectrometry. <i>Biomedical Chromatography</i> , 2005, 19, 129-137.	1.7	66
230	The role of salivary peptides in dental caries. <i>Biomedical Chromatography</i> , 2005, 19, 214-222.	1.7	87
231	Electrospray tandem mass spectrometry of new porphyrin amino acid conjugates. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 2569-2580.	1.5	11
232	Electrospray tandem mass spectrometry of underivatized acetylated xylo-oligosaccharides. <i>Rapid Communications in Mass Spectrometry</i> , 2005, 19, 3589-3599.	1.5	30
233	Analysis of the human saliva proteome. <i>Expert Review of Proteomics</i> , 2005, 2, 521-539.	3.0	111
234	Proteomics of immune-challenged <i>Drosophila melanogaster</i> larvae hemolymph. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 106-115.	2.1	79

#	ARTICLE	IF	CITATIONS
235	New glucosides from Eucalyptus globulus wood, bark and kraft pulps. <i>Holzforschung</i> , 2004, 58, 501-503.	1.9	11
236	Identification of human whole saliva protein components using proteomics. <i>Proteomics</i> , 2004, 4, 1109-1115.	2.2	272
237	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, 1047-1058.	1.5	14
238	Fragmentation study of short-chain products derived from oxidation of diacylphosphatidylcholines by electrospray tandem mass spectrometry: identification of novel short-chain products. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2849-2858.	1.5	47
239	Electrospray tandem mass spectrometry of 2H-chromenes. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2969-2975.	1.5	6
240	Analysis of salivary peptides using HPLC-electrospray mass spectrometry. <i>Biomedical Chromatography</i> , 2004, 18, 570-575.	1.7	39
241	Structural characterization of glycoporphyrins by electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004, 39, 158-167.	1.6	17
242	Tandem mass spectrometry of intact oxidation products of diacylphosphatidylcholines: evidence for the occurrence of the oxidation of the phosphocholine head and differentiation of isomers. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1513-1522.	1.6	61
243	Fragmentation pattern of underivatised xylo-oligosaccharides and their alditol derivatives by electrospray tandem mass spectrometry. <i>Carbohydrate Polymers</i> , 2004, 55, 401-409.	10.2	33
244	Age related reference values for urine creatine and guanidinoacetic acid concentration in children and adolescents by gas chromatography-mass spectrometry. <i>Clinica Chimica Acta</i> , 2004, 348, 155-161.	1.1	37
245	Mouse liver PMP70 and ALDP: homomeric interactions prevail in vivo. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2004, 1689, 235-243.	3.8	51
246	In vitro hydroxyapatite adsorbed salivary proteins. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 342-346.	2.1	34
247	Growth and survival of cuttlefish ( <i>Sepia officinalis</i> ) of different ages fed crustaceans and fish. Effects of frozen and live prey. <i>Aquaculture</i> , 2004, 229, 239-254.	3.5	70
248	Protein Extraction and Comparison of Stain Protocols for Analysis of Two-Dimensional Electrophoresis Gels. <i>Protein and Peptide Letters</i> , 2004, 11, 189-194.	0.9	3
249	Effects of feeding live or frozen prey on growth, survival and the life cycle of the cuttlefish, <i>Sepia officinalis</i> (Linnaeus, 1758). <i>Aquaculture International</i> , 2003, 11, 397-410.	2.2	31
250	Synthesis and analysis of aminochromes by HPLC-photodiode array. Adrenochrome evaluation in rat blood. <i>Biomedical Chromatography</i> , 2003, 17, 6-13.	1.7	28
251	Positive and negative electrospray ionisation tandem mass spectrometry as a tool for structural characterisation of acid released oligosaccharides from olive pulp glucuronoxylans. <i>Carbohydrate Research</i> , 2003, 338, 1497-1505.	2.3	44
252	Identification of oxidation products and free radicals of tryptophan by mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 406-416.	2.8	91

#	ARTICLE	IF	CITATIONS
253	Detection and characterization by mass spectrometry of radical adducts produced by linoleic acid oxidation. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 1250-1261.	2.8	33
254	<i>Drosophila melanogaster</i> larval hemolymph protein mapping. <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 545-554.	2.1	43
255	Structural characterisation of underivatised olive pulp xylo-oligosaccharides by mass spectrometry using matrix-assisted laser desorption/ionisation and electrospray ionisation. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 2124-2132.	1.5	45
256	Comprehensive Study on the Chemical Structure of Dioxane Lignin from Plantation <i>Eucalyptus globulus</i> Wood. <i>Journal of Agricultural and Food Chemistry</i> , 2001, 49, 4252-4261.	5.2	213
257	Differentiation of positional isomers of nitro meso-tetraphenylporphyrins by tandem mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 381-384.	2.8	24
258	Detection and characterization of hydroxyl radical adducts by mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2001, 12, 1214-1219.	2.8	29
259	Characterization of sodiated glycerol phosphatidylcholine phospholipids by mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 799-804.	1.5	46
260	Electrospray tandem mass spectrometry of lexitropsins. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 908-914.	1.5	7
261	Electrospray tandem mass spectrometry of aminochromes. <i>Rapid Communications in Mass Spectrometry</i> , 2001, 15, 2466-2471.	1.5	15
262	Liquid secondary ion mass spectrometry of porphyrin dimers: reduction reactions and structural characterisation. <i>Rapid Communications in Mass Spectrometry</i> , 2000, 14, 2025-2029.	1.5	7
263	Electrospray Ionization Mass Spectrometry as a Tool for Lignins Molecular Weight and Structural Characterisation. <i>Holzforschung</i> , 1999, 53, 525-528.	1.9	38
264	Keggin-type polyoxotungstates as catalysts in the oxidation of cyclohexane by dilute aqueous hydrogen peroxide. <i>Journal of Molecular Catalysis A</i> , 1999, 144, 461-468.	4.8	105
265	Negative chemical ionisation and collision induced fragmentations of deprotonated hydroperoxides. <i>Rapid Communications in Mass Spectrometry</i> , 1999, 13, 93-96.	1.5	10
266	Constant neutral loss scanning for the characterization of glycerol phosphatidylcholine phospholipids. <i>Journal of the American Society for Mass Spectrometry</i> , 1998, 9, 1189-1195.	2.8	25
267	Discrimination effects and sensitivity variations in matrix-assisted laser desorption/ionization. <i>Rapid Communications in Mass Spectrometry</i> , 1997, 11, 1347-1352.	1.5	76
268	d-Amphetamine Interaction with Glutathione in Freshly Isolated Rat Hepatocytes. <i>Chemical Research in Toxicology</i> , 1996, 9, 1031-1036.	3.3	32
269	Characterization of $\hat{1}\pm$ -amino acidato chromium(III) complexes by fast atom bombardment mass spectrometry. <i>Polyhedron</i> , 1996, 15, 2887-2894.	2.2	2