Ana Varela Coelho

List of Publications by Year
in descending order

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146	4,433	87888	144013
papers	citations	38 h-index	57 g-index

154	154	154	6431
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phenolic Compounds and Antioxidant Activity of Olea europaea L. Fruits and Leaves. Food Science and Technology International, 2006, 12, 385-395.	2.2	248
2	Iminoboronates: A New Strategy for Reversible Protein Modification. Journal of the American Chemical Society, 2012, 134, 10299-10305.	13.7	190
3	Enzymatic biotransformation of the azo dye Sudan Orange G with bacterial CotA-laccase. Journal of Biotechnology, 2009, 139, 68-77.	3.8	143
4	Analysis of phenolic compounds in Muscatel wines produced in Portugal. Analytica Chimica Acta, 2006, 563, 84-92.	5.4	120
5	Desulfoferrodoxin structure determined by MAD phasing and refinement to 1.9-Ã... resolution reveals a unique combination of a tetrahedral FeS4 centre with a square pyramidal FeSN4 centre. Journal of Biological Inorganic Chemistry, 1997, 2, 680-689.	2.6	116
6	Insulin glycation by methylglyoxal results in native-like aggregation and inhibition of fibril formation. BMC Biochemistry, 2011, 12, 41.	4.4	87
7	Hydrogenases in Desulfovibrio vulgaris Hildenborough: structural and physiologic characterisation of the membrane-bound [NiFeSe] hydrogenase. Journal of Biological Inorganic Chemistry, 2005, 10, 667-682.	2.6	83
8	Comparison between sample disruption methods and solidâ€“liquid extraction (SLE) to extract phenolic compounds from Ficus carica leaves. Journal of Chromatography A, 2006, 1103, 22-28.	3.7	80
9	The primary and three-dimensional structures of a nine-haem cytochrome c from Desulfovibrio desulfuricans ATCC 27774 reveal a new member of the Hmc family. Structure, 1999, 7, 119-130.	3.3	79
10	Salivary Amylase Induction by Tannin-Enriched Diets as a Possible Countermeasure Against Tannins. Journal of Chemical Ecology, 2008, 34, 376-387.	1.8	74
11	Tick-borne diseases in cattle: Applications of proteomics to develop new generation vaccines. Journal of Proteomics, 2012, 75, 4232-4250.	2.4	71
12	Proteomic analysis of nasal cells from cystic fibrosis patients and non-cystic fibrosis control individuals: Search for novel biomarkers of cystic fibrosis lung disease. Proteomics, 2006, 6, 2314-2325.	2.2	70
13	Mass spectrometry and animal science: Protein identification strategies and particularities of farm animal species. Journal of Proteomics, 2012, 75, 4190-4206.	2.4	68
14	Differential proteomics of dehydration and rehydration in bryophytes: evidence towards a common desiccation tolerance mechanism. Plant, Cell and Environment, 2014, 37, 1499-1515.	5.7	68
15	Yeast protein glycationinâ€ƒvivoby methylglyoxal. FEBS Journal, 2006, 273, 5273-5287.	4.7	67
16	Sheep and goat saliva proteome analysis: A useful tool for ingestive behavior research?. Physiology and Behavior, 2009, 98, 393-401.	2.1	65
17	Differential protein expression in two bivalve species; Mytilus galloprovincialis and Corbicula fluminea; exposed to Cylindrospermopsis raciborskii cells. Aquatic Toxicology, 2011, 101, 109-116.	4.0	65
18	First Insights into the Biochemistry of Tube Foot Adhesive from the Sea Urchin Paracentrotus lividus (Echinoidea, Echinodermata). Marine Biotechnology, 2009, 11, 686-698.	2.4	64

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19	Xbp1-Independent Ire1 Signaling Is Required for Photoreceptor Differentiation and Rhabdomere Morphogenesis in Drosophila. Cell Reports, 2013, 5, 791-801.	6.4	64
20	An apoptosis-inducing serine protease secreted by the entomopathogenic nematode Steinernema carpocapsae. International Journal for Parasitology, 2009, 39, 1319-1330.	3.1	58
21	Methyl syringate: An efficient phenolic mediator for bacterial and fungal laccases. Bioresource Technology, 2012, 124, 371-378.	9.6	58
22	Sulfate Respiration in Desulfovibrio vulgaris Hildenborough. Journal of Biological Chemistry, 2002, 277, 47907-47916.	3.4	55
23	The Effect of Tannins on Mediterranean Ruminant Ingestive Behavior: The Role of the Oral Cavity. Molecules, 2011, 16, 2766-2784.	3.8	54
24	Proteomic evaluation of citrate-coated silver nanoparticles toxicity in Daphnia magna. Analyst, The, 2014, 139, 1678-1686.	3.5	51
25	Liquid chromatographyâ€“diode array detectionâ€“electrospray ionisation mass spectrometry/nuclear magnetic resonance analyses of the anti-hyperglycemic flavonoid extract of Genista tenera. Journal of Chromatography A, 2005, 1089, 59-64.	3.7	49
26	Changes in mouse whole saliva soluble proteome induced by tannin-enriched diet. Proteome Science, 2010, 8, 65.	1.7	48
27	Insights into the molecular mechanism of protein native-like aggregation upon glycation. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1010-1022.	2.3	48
28	Protein glycation in vivo: functional and structural effects on yeast enolase. Biochemical Journal, 2008, 416, 317-326.	3.7	47
29	Proteomic investigation of the effects of weight loss in the gastrocnemius muscle of wild and NZW rabbits via 2Dâ€electrophoresis and MALDIâ€TOF MS. Animal Genetics, 2010, 41, 260-272.	1.7	47
30	Nine-haem cytochrome c from Desulfovibrio desulfuricans ATCC 27774â€Š:â€Šprimary sequence determination, crystallographic refinement at 1.8â€‰Å and modelling studies of its interaction with the tetrahaem cytochrome c 3. Journal of Biological Inorganic Chemistry, 1999, 4, 478-494.	2.6	46
31	Purification and identification of cutinases from Colletotrichum kahawae and Colletotrichum gloeosporioides. Applied Microbiology and Biotechnology, 2007, 73, 1306-1313.	3.6	46
32	Effect of condensed tannin ingestion in sheep and goat parotid saliva proteome. Journal of Animal Physiology and Animal Nutrition, 2011, 95, 304-312.	2.2	46
33	The effect of colostrum intake on blood plasma proteome profile in newborn lambs: low abundance proteins. BMC Veterinary Research, 2014, 10, 85.	1.9	46
34	First identification of tanninâ€binding proteins in saliva of Papio hamadryas using MS/MS mass spectrometry. American Journal of Primatology, 2011, 73, 896-902.	1.7	43
35	Protein Adducts As Prospective Biomarkers of Nevirapine Toxicity. Chemical Research in Toxicology, 2010, 23, 1714-1725.	3.3	42
36	Serine Protease-mediated Host Invasion by the Parasitic Nematode Steinernema carpocapsae. Journal of Biological Chemistry, 2010, 285, 30666-30675.	3.4	41

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37	Specific adjustments in grapevine leaf proteome discriminating resistant and susceptible grapevine genotypes to Plasmopara viticola. Journal of Proteomics, 2017, 152, 48-57.	2.4	41
38	Comparison of Electrophoretic Protein Profiles from Sheep and Goat Parotid Saliva. Journal of Chemical Ecology, 2008, 34, 388-397.	1.8	39
39	Proteomic evaluation of woundâ€healing processes in potato (Solanum tuberosum L.) tuber tissue. Proteomics, 2009, 9, 4154-4175.	2.2	39
40	Combined use of LCâ€“ESI-MS and antifungal tests for rapid identification of bioactive lipopeptides produced by Bacillus amyloliquefaciens CCMI 1051. Process Biochemistry, 2011, 46, 1738-1746.	3.7	39
41	A preliminary analysis of the three-dimensional structure of dimeric di-haem split-Soret cytochrome c from Desulfovibrio desulfuricans ATCC 27774 at 2.5-Ã... resolution using the MAD phasing method: a novel cytochrome fold with a stacked-haem arrangement. Journal of Biological Inorganic Chemistry, 1997, 2, 507-514.	2.6	36
42	Expression and Subcellular Localization of a Novel Nuclear Acetylcholinesterase Protein. Journal of Biological Chemistry, 2007, 282, 25597-25603.	3.4	35
43	The [NiFeSe] hydrogenase fromDesulfovibrio vulgarisHildenborough is a bacterial lipoprotein lacking a typical lipoprotein signal peptide. FEBS Letters, 2007, 581, 3341-3344.	2.8	35
44	A proteomics study of the induction of somatic embryogenesis in Medicago truncatula using 2DE and MALDIâ€TOF/TOF. Physiologia Plantarum, 2012, 146, 236-249.	5.2	32
45	Mapping sea urchins tube feet proteome â€" A unique hydraulic mechano-sensory adhesive organ. Journal of Proteomics, 2013, 79, 100-113.	2.4	32
46	Rescue of F508del-CFTR by RXR motif inactivation triggers proteome modulation associated with the unfolded protein response. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 856-865.	2.3	31
47	Effect of osmotic pressure on the production of retroviral vectors: Enhancement in vector stability. Biotechnology and Bioengineering, 2006, 94, 322-329.	3.3	30
48	Proteome characterization of sea star coelomocytes â€“ The innate immune effector cells of echinoderms. Proteomics, 2011, 11, 3587-3592.	2.2	30
49	Step-by-step strategy for protein enrichment and proteome characterisation of extracellular polymeric substances in wastewater treatment systems. Applied Microbiology and Biotechnology, 2012, 95, 767-776.	3.6	30
50	HPLCâ€“UVâ€“ESI-MS analysis of phenolic compounds and antioxidant properties of Hypericum undulatum shoot cultures and wild-growing plants. Phytochemistry, 2013, 86, 83-91.	2.9	30
51	Environmental dynamics of Bacillus amyloliquefaciens CCMI 1051 antifungal activity under different nitrogen patterns. Journal of Applied Microbiology, 2008, 104, 808-816.	3.1	29
52	Identification of bacterial protein markers and enolase as a plant response protein in the infection of Olea europaea subsp. europaea by Pseudomonas savastanoi pv. savastanoi. European Journal of Plant Pathology, 2009, 125, 603-616.	1.7	29
53	Low temperature restoring effect on F508del-CFTR misprocessing: A proteomic approach. Journal of Proteomics, 2009, 73, 218-230.	2.4	29
54	Understanding regeneration through proteomics. Proteomics, 2013, 13, 686-709.	2.2	29

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55	Characterisation of Zea mays L. plastidial transglutaminase: interactions with thylakoid membrane proteins. Plant Biology, 2010, 12, 708-716.	3.8	28
56	Beyond Genetic Factors in Familial Amyloidotic Polyneuropathy: Protein Glycation and the Loss of Fibrinogen's Chaperone Activity. PLoS ONE, 2011, 6, e24850.	2.5	28
57	The Effect of Weight Loss on the Muscle Proteome in the Damara, Dorper and Australian Merino Ovine Breeds. PLoS ONE, 2016, 11, e0146367.	2.5	28
58	Comparative Proteomic Profiling of Ehrlichia ruminantium Pathogenic Strain and Its High-Passaged Attenuated Strain Reveals Virulence and Attenuation-Associated Proteins. PLoS ONE, 2015, 10, e0145328.	2.5	28
59	Secoiridoids in olive seed: characterization of nÃ¼zhenide and 11-methyl oleosides by liquid chromatography with diode array and mass spectrometry. Grasas Y Aceites, 2010, 61, 157-164.	0.9	28
60	On the Mechanism of Biotransformation of the Anthraquinonic Dye Acid Blue 62 by Laccases. Advanced Synthesis and Catalysis, 2009, 351, 1857-1865.	4.3	27
61	An integrated view of asteroid regeneration: tissues, cells and molecules. Cell and Tissue Research, 2017, 370, 13-28.	2.9	26
62	The Echinoderm Tube Foot and its Role in Temporary Underwater Adhesion. , 2009, , 9-41.		26
63	Articulating the â€œstem cell nicheâ€•paradigm through the lens of non-model aquatic invertebrates. BMC Biology, 2022, 20, 23.	3.8	26
64	Biomaterials and Bioactive Natural Products from Marine Invertebrates: From Basic Research to Innovative Applications. Marine Drugs, 2022, 20, 219.	4.6	26
65	Portuguese winemaking residues as a potential source of natural anti-adenoviral agents. International Journal of Food Sciences and Nutrition, 2010, 61, 357-368.	2.8	25
66	Exploring the proteome of an echinoderm nervous system: 2â€ÐE of the sea star radial nerve cord and the synaptosomal membranes subproteome. Proteomics, 2011, 11, 1359-1364.	2.2	25
67	Redox Remodeling Is Pivotal in Murine Diaphragm Muscle Adaptation to Chronic Sustained Hypoxia. American Journal of Respiratory Cell and Molecular Biology, 2016, 55, 12-23.	2.9	25
68	Oak protein profile alterations upon root colonization by an ectomycorrhizal fungus. Mycorrhiza, 2017, 27, 109-128.	2.8	25
69	Transthyretin Amyloidosis: Chaperone Concentration Changes and Increased Proteolysis in the Pathway to Disease. PLoS ONE, 2015, 10, e0125392.	2.5	25
70	Proton-assisted Two-electron Transfer in Natural Variants of Tetraheme Cytochromes from Desulfomicrobium Sp.. Journal of Biological Chemistry, 2004, 279, 52227-52237.	3.4	24
71	Proteome analysis of a human liver carcinoma cell line stably expressing hepatitis delta virus ribonucleoproteins. Journal of Proteomics, 2009, 72, 616-627.	2.4	24
72	Protein extraction and twoâ€dimensional gel electrophoresis of proteins in the marine mussel Mytilus galloprovincialis: an important tool for protein expression studies, food quality and safety assessment. Journal of the Science of Food and Agriculture, 2013, 93, 1779-1787.	3.5	24

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73	Adhesive Proteins of Stalked and Acorn Barnacles Display Homology with Low Sequence Similarities. PLoS ONE, 2014, 9, e108902.	2.5	24
74	Stem cells of aquatic invertebrates as an advanced tool for assessing ecotoxicological impacts. Science of the Total Environment, 2021, 771, 144565.	8.0	24
75	Changes in the proteome of Huh7 cells induced by transient expression of hepatitis D virus RNA and antigens. Journal of Proteomics, 2008, 71, 71-79.	2.4	22
76	Protein glycation and methylglyoxal metabolism in yeast: finding peptide needles in protein haystacks. FEMS Yeast Research, 2008, 8, 174-181.	2.3	22
77	Analysis of trans-resveratrol: Comparison of methods and contents in Muscatel fortified wines from SetÃºbal region in Portugal. Journal of Food Composition and Analysis, 2008, 21, 634-643.	3.9	21
78	Sodium dodecyl sulfate-capillary gel electrophoresis analysis of rotavirus-like particles. Journal of Chromatography A, 2008, 1192, 166-172.	3.7	21
79	Proteomic Profiling of the Outer Membrane Fraction of the Obligate Intracellular Bacterial Pathogen Ehrlichia ruminantium. PLoS ONE, 2015, 10, e0116758.	2.5	21
80	Chronic sustained hypoxia-induced redox remodeling causes contractile dysfunction in mouse sternohyoid muscle. Frontiers in Physiology, 2015, 6, 122.	2.8	21
81	A novel iron centre in the split-Soret cytochrome c from Desulfovibrio desulfuricans ATCC 27774. Journal of Biological Inorganic Chemistry, 2003, 8, 360-370.	2.6	20
82	Monitoring virus-like particle and viral protein production by intact cell MALDI-TOF mass spectrometry. Talanta, 2010, 80, 1561-1568.	5.5	20
83	Proteomic changes in HEK-293 cells induced by hepatitis delta virus replication. Journal of Proteomics, 2013, 89, 24-38.	2.4	20
84	Establishment of a proteomic reference map for the gastrocnemius muscle in the rabbit (Oryctolagus) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.9	19
85	Proteomic analyses of Ehrlichia ruminantium highlight differential expression of MAP1-family proteins. Veterinary Microbiology, 2012, 156, 305-314.	1.9	19
86	Proteomic analysis of an environmental isolate of Rhodotorula mucilaginosa after arsenic and cadmium challenge: Identification of a protein expression signature for heavy metal exposure. Journal of Proteomics, 2016, 141, 47-56.	2.4	19
87	Active and prospective latent tuberculosis are associated with different metabolomic profiles: clinical potential for the identification of rapid and non-invasive biomarkers. Emerging Microbes and Infections, 2020, 9, 1131-1139.	6.5	19
88	Dopamine- and tyramine-based derivatives of triazenes: Activation by tyrosinase and implications for prodrug design. European Journal of Medicinal Chemistry, 2009, 44, 3228-3234.	5.5	18
89	Correlations Between the Biochemistry and Mechanical States of a Sea-Urchin Ligament: A Mutable Collagenous Structure. Biointerphases, 2012, 7, 38.	1.6	18
90	Effects of anthracene on filtration rates, antioxidant defense system, and redox proteomics in the Mediterranean clam Ruditapes decussatus (Mollusca: Bivalvia). Environmental Science and Pollution Research, 2015, 22, 10956-10968.	5.3	18

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91	Effects of permethrin exposure on antioxidant enzymes and protein status in Mediterranean clams Ruditapes decussatus. Environmental Science and Pollution Research, 2014, 21, 4461-4472.	5.3	17
92	New dioxadiaza-, trioxadiaza- and hexaaza-macrocycles containing dibenzofuran units. Tetrahedron, 2006, 62, 8550-8558.	1.9	16
93	The relative amounts of plasma transthyretin forms in familial transthyretin amyloidosis: A quantitative analysis by Fourier transform ion-cyclotron resonance mass spectrometry. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2011, 18, 191-199.	3.0	15
94	Comparative proteomic analysis of saliva from dogs with and without obesity-related metabolic dysfuntion. Journal of Proteomics, 2019, 201, 65-72.	2.4	14
95	Discovery of serum biomarkers for diagnosis of tuberculosis by NMR metabolomics including cross-validation with a second cohort. Biomedical Journal, 2021, , .	3.1	14
96	Effect of the manganese ion on human alpha3/4 fucosyltransferase III activity. BioMetals, 2004, 17, 35-43.	4.1	13
97	A possible approach for gel-based proteomic studies in recalcitrant woody plants. SpringerPlus, 2013, 2, 210.	1.2	13
98	The Proteome Response to Amyloid Protein Expression In Vivo. PLoS ONE, 2012, 7, e50123.	2.5	12
99	Identification of vaccine candidate antigens of Staphylococcus pseudintermedius by whole proteome characterization and serological proteomic analyses. Journal of Proteomics, 2016, 133, 113-124.	2.4	12
100	Characterization of Coelomic Fluid Cell Types in the Starfish Marthasterias glacialis Using a Flow Cytometry/Imaging Combined Approach. Frontiers in Immunology, 2021, 12, 641664.	4.8	12
101	Redox proteomic analysis of mytilus edulis gills: effects of the pharmaceutical diclofenac on a nonâ€target organism. Drug Testing and Analysis, 2015, 7, 957-966.	2.6	11
102	Mitochondrial proteomics of the acetic acid - induced programmed cell death response in a highly tolerant Zygosaccharomyces bailii - derived hybrid strain. Microbial Cell, 2016, 3, 65-78.	3.2	11
103	Î±-Synuclein aggregation in the saliva of familial transthyretin amyloidosis: a potential biomarker. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2012, 19, 74-80.	3.0	10
104	Gene therapy approach to FAP: in vivo influence of T119M in TTR deposition in a transgenic V30M mouse model. Gene Therapy, 2014, 21, 1041-1050.	4.5	10
105	Proteolytic events are relevant cellular responses during nervous system regeneration of the starfish Marthasterias glacialis. Journal of Proteomics, 2014, 99, 1-25.	2.4	10
106	Exploitation of complement regulatory proteins by Borrelia and Francisella. Molecular BioSystems, 2015, 11, 1684-1695.	2.9	10
107	Grapevineâ€“Downy Mildew Rendezvous: Proteome Analysis of the First Hours of an Incompatible Interaction. Plants, 2020, 9, 1498.	3.5	10
108	Proteomic Analyses Reveal New Insights on the Antimicrobial Mechanisms of Chitosan Biopolymers and Their Nanosized Particles against Escherichia coli. International Journal of Molecular Sciences, 2020, 21, 225.	4.1	10

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109	Preliminary crystallographic analysis of the oxidized form of a two monoâ€nuclear iron centres protein from desulfovibrio desulfuricans ATCC 27774. Protein Science, 1996, 5, 1189-1191.	7.6	9
110	Identification and quantitative analysis of human transthyretin variants in human serum by Fourier transform ion-cyclotron resonance mass spectrometry. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2009, 16, 201-207.	3.0	9
111	Radial nerve cord protein phosphorylation dynamics during starfish arm tip wound healing events. Electrophoresis, 2012, 33, 3764-3778.	2.4	9
112	Proteome response at the edge of protein aggregation. Open Biology, 2015, 5, 140221.	3.6	9
113	Maristemâ€"Stem Cells of Marine/Aquatic Invertebrates: From Basic Research to Innovative Applications. Sustainability, 2018, 10, 526.	3.2	9
114	The effect of weight loss on protein profiles of gastrocnemius muscle in rabbits: a study using 1D electrophoresis and peptide mass fingerprinting. Journal of Animal Physiology and Animal Nutrition, 2010, 94, 174-185.	2.2	8
115	Proteomic responses to metal-induced oxidative stress in hydrothermal vent-living mussels, Bathymodiolus sp., on the Southwest Indian Ridge. Marine Environmental Research, 2014, 96, 29-37.	2.5	8
116	The Effect of Breed, Gender, and Acid Stimulation in Dog Saliva Proteome. BioMed Research International, 2018, 2018, 1-12.	1.9	8
117	Preliminary crystallographic analysis and further characterization of a dodecaheme cytochrome c from Desulfovibrio desulfuricans ATCC 27774. Acta Crystallographica Section D: Biological Crystallography, 1996, 52, 1202-1208.	2.5	7
118	Structure determination of bacterioferritin fromDesulfovibrio desulfuricansby the MAD method at the FeK-edge. Acta Crystallographica Section D: Biological Crystallography, 2001, 57, 326-329.	2.5	7
119	Application of a redoxâ€proteomics toolbox to Daphnia magna challenged with model proâ€oxidants copper and paraquat. Environmental Toxicology and Chemistry, 2015, 34, 84-91.	4.3	7
120	Reprogramming of Lipid Metabolism as a New Driving Force Behind Tauroursodeoxycholic Acid-Induced Neural Stem Cell Proliferation. Frontiers in Cell and Developmental Biology, 2020, 8, 335.	3.7	7
121	A nonâ€invasive method based on saliva to characterize transthyretin in familial amyloidotic polyneuropathy patients using FTâ€ICR highâ€resolution MS. Proteomics - Clinical Applications, 2010, 4, 674-678.	1.6	6
122	Morphological alterations in salivary glands of mice (Mus musculus) submitted to tannin enriched diets: comparison with sialotrophic effects of sympathetic agonists stimulation. Arquivo Brasileiro De Medicina Veterinaria E Zootecnia, 2010, 62, 837-844.	0.4	6
123	Subunit composition of Rhodothermus marinus respiratory complex I. Analytical Biochemistry, 2010, 407, 104-110.	2.4	5
124	Tissue remodeling after interference RNA mediated knockdown of transthyretin in a familial amyloidotic polyneuropathy mouse model. Neurobiology of Aging, 2016, 47, 91-101.	3.1	5
125	Tandem Mass Spectrometry of Peptides. , 2012, , .		3
126	Comparative Proteome Analysis of a Human Liver Cell Line Stably Transfected with Hepatitis D Virus Full-Length cDNA. , 2012, 909, 205-225.		2

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127	Contribution of Mass Spectrometry to the Study of Antimalarial Agents. , 0, , .		2
128	Changes in the salivary proteome of beagle dogs after weight loss. Domestic Animal Endocrinology, 2020, 72, 106474.	1.6	2
129	Revisiting Ehrlichia ruminantium Replication Cycle Using Proteomics: The Host and the Bacterium Perspectives. Microorganisms, 2021, 9, 1144.	3.6	2
130	Identification and Characterization of Merozoite Antigens of aTheileriaSpecies Highly Pathogenic for Small Ruminants in China. Annals of the New York Academy of Sciences, 2006, 1081, 443-452.	3.8	1
131	A novel iron center in desulfoferrodoxin fromD. desulfuricansATCC 27774: crystal structure at 1.8â€…Ã… resolution. Acta Crystallographica Section A: Foundations and Advances, 1996, 52, C71-C71.	0.3	0
132	CHARACTERIZATION OF NÃœZHENIDE AND RELATED SECOIRIDOIDS IN OLEA EUROPEA L. SEEDS USING MALDI-TOF MASS SPECTROMETRY. Acta Horticulturae, 2012, , 403-410.	0.2	0
133	Mass spectrometry for the veterinary and farm animal world. , 2012, , 19-20.		0
134	Protein thiols as novel biomarkers in ecotoxicology: A case study of oxidative stress in Mytilus edulis sampled near a former industrial site in Cork Harbour, Ireland. Journal of Integrated OMICS, 2012, 2, .	0.5	0
135	Tissue remodeling after RNAi-mediated knockdown of TTR in a Familial Amyloidotic Polyneuropathy mouse model. Orphanet Journal of Rare Diseases, 2015, 10, .	2.7	0
136	Changes in the intestinal mucosal proteome of turkeys (Meleagris gallopavo) infected with haemorrhagic enteritis virus. Veterinary Immunology and Immunopathology, 2019, 213, 109880.	1.2	0
137	AB1172â€…ARE CIRCULATING BLOOD BIOMARKERS FOR INFLAMMATORY RHEUMATIC DISEASES GENDER-DEPENDENT? â€“ SYSTEMATIC REVIEW BASED ON OMICS DATA. , 2019, , .		0
138	Structural determination of Bacterioferritin fromDesulfovibrio DesulfuricansATCC 27774. Acta Crystallographica Section A: Foundations and Advances, 2000, 56, s279-s279.	0.3	0
139	Tick-borne diseases in cattle: applications of proteomics and the development of new generation vaccines. , 2012, , 46-49.		0
140	Automatic prediction of PTMs in Ehrlichia ruminantium â€“ creating new datasets for Quickmod analyses. , 2013, , 67-70.		0
141	PTMomics â€“ a potpourri of experimental approaches. , 2013, , 26-26.		0
142	Omics approaches to study the Rickettsia Ehrlichia ruminantium: towards improved knowledge on Heartwater disease. , 2013, , 112-115.		0
143	Changes on bovine aorta endothelial cells (BAE) proteome upon infection with the rickettsia Ehrlichia ruminantium. , 2013, , 124-127.		0
144	MAD phasing used in the structure determination of desulfoferrodoxin. Acta Crystallographica Section A: Foundations and Advances, 1996, 52, C57-C57.	0.3	0

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145	An Evaluation Of Parchmentsâ€™ Degradation A Hybrid Approach. , 2015, , .		0
146	Characterization of Soluble Cell-Free Coelomic Fluid Proteome from the Starfish Marthasterias glacialis. Methods in Molecular Biology, 2022, 2450, 583-597.	0.9	0