

Ana Varela Coelho

List of Publications by Year in descending order

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146
papers

4,433
citations

87723

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143772

57
g-index

154
all docs

154
docs citations

154
times ranked

6431
citing authors

#	ARTICLE	IF	CITATIONS
1	Articulating the “stem cell niche” paradigm through the lens of non-model aquatic invertebrates. BMC Biology, 2022, 20, 23.	1.7	26
2	Characterization of Soluble Cell-Free Coelomic Fluid Proteome from the Starfish <i>Marthasterias glacialis</i> . Methods in Molecular Biology, 2022, 2450, 583-597.	0.4	0
3	Biomaterials and Bioactive Natural Products from Marine Invertebrates: From Basic Research to Innovative Applications. Marine Drugs, 2022, 20, 219.	2.2	26
4	Characterization of Coelomic Fluid Cell Types in the Starfish <i>Marthasterias glacialis</i> Using a Flow Cytometry/Imaging Combined Approach. Frontiers in Immunology, 2021, 12, 641664.	2.2	12
5	Revisiting <i>Ehrlichia ruminantium</i> Replication Cycle Using Proteomics: The Host and the Bacterium Perspectives. Microorganisms, 2021, 9, 1144.	1.6	2
6	Stem cells of aquatic invertebrates as an advanced tool for assessing ecotoxicological impacts. Science of the Total Environment, 2021, 771, 144565.	3.9	24
7	Discovery of serum biomarkers for diagnosis of tuberculosis by NMR metabolomics including cross-validation with a second cohort. Biomedical Journal, 2021, , .	1.4	14
8	Grapevine “Downy Mildew Rendezvous: Proteome Analysis of the First Hours of an Incompatible Interaction. Plants, 2020, 9, 1498.	1.6	10
9	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.	3.0	19
10	Changes in the salivary proteome of beagle dogs after weight loss. Domestic Animal Endocrinology, 2020, 72, 106474.	0.8	2
11	Proteomic Analyses Reveal New Insights on the Antimicrobial Mechanisms of Chitosan Biopolymers and Their Nanosized Particles against <i>Escherichia coli</i> . International Journal of Molecular Sciences, 2020, 21, 225.	1.8	10
12	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.	1.8	7
13	Changes in the intestinal mucosal proteome of turkeys (<i>Meleagris gallopavo</i>) infected with haemorrhagic enteritis virus. Veterinary Immunology and Immunopathology, 2019, 213, 109880.	0.5	0
14	Comparative proteomic analysis of saliva from dogs with and without obesity-related metabolic dysfunction. Journal of Proteomics, 2019, 201, 65-72.	1.2	14
15	AB1172 “...ARE CIRCULATING BLOOD BIOMARKERS FOR INFLAMMATORY RHEUMATIC DISEASES GENDER-DEPENDENT? “ SYSTEMATIC REVIEW BASED ON OMICS DATA. , 2019, , .		0
16	The Effect of Breed, Gender, and Acid Stimulation in Dog Saliva Proteome. BioMed Research International, 2018, 2018, 1-12.	0.9	8
17	Maristem “Stem Cells of Marine/Aquatic Invertebrates: From Basic Research to Innovative Applications. Sustainability, 2018, 10, 526.	1.6	9
18	An integrated view of asteroid regeneration: tissues, cells and molecules. Cell and Tissue Research, 2017, 370, 13-28.	1.5	26

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19	Specific adjustments in grapevine leaf proteome discriminating resistant and susceptible grapevine genotypes to <i>Plasmopara viticola</i> . <i>Journal of Proteomics</i> , 2017, 152, 48-57.	1.2	41
20	Oak protein profile alterations upon root colonization by an ectomycorrhizal fungus. <i>Mycorrhiza</i> , 2017, 27, 109-128.	1.3	25
21	The Effect of Weight Loss on the Muscle Proteome in the Damara, Dorper and Australian Merino Ovine Breeds. <i>PLoS ONE</i> , 2016, 11, e0146367.	1.1	28
22	Redox Remodeling Is Pivotal in Murine Diaphragm Muscle Adaptation to Chronic Sustained Hypoxia. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 55, 12-23.	1.4	25
23	Proteomic analysis of an environmental isolate of <i>Rhodotorula mucilaginosa</i> after arsenic and cadmium challenge: Identification of a protein expression signature for heavy metal exposure. <i>Journal of Proteomics</i> , 2016, 141, 47-56.	1.2	19
24	Tissue remodeling after interference RNA mediated knockdown of transthyretin in a familial amyloidotic polyneuropathy mouse model. <i>Neurobiology of Aging</i> , 2016, 47, 91-101.	1.5	5
25	Identification of vaccine candidate antigens of <i>Staphylococcus pseudintermedius</i> by whole proteome characterization and serological proteomic analyses. <i>Journal of Proteomics</i> , 2016, 133, 113-124.	1.2	12
26	Mitochondrial proteomics of the acetic acid - induced programmed cell death response in a highly tolerant <i>Zygosaccharomyces bailii</i> - derived hybrid strain. <i>Microbial Cell</i> , 2016, 3, 65-78.	1.4	11
27	Tissue remodeling after RNAi-mediated knockdown of TTR in a Familial Amyloidotic Polyneuropathy mouse model. <i>Orphanet Journal of Rare Diseases</i> , 2015, 10, .	1.2	0
28	Proteomic Profiling of the Outer Membrane Fraction of the Obligate Intracellular Bacterial Pathogen <i>Ehrlichia ruminantium</i> . <i>PLoS ONE</i> , 2015, 10, e0116758.	1.1	21
29	Chronic sustained hypoxia-induced redox remodeling causes contractile dysfunction in mouse sternohyoid muscle. <i>Frontiers in Physiology</i> , 2015, 6, 122.	1.3	21
30	Effects of anthracene on filtration rates, antioxidant defense system, and redox proteomics in the Mediterranean clam <i>Ruditapes decussatus</i> (Mollusca: Bivalvia). <i>Environmental Science and Pollution Research</i> , 2015, 22, 10956-10968.	2.7	18
31	Exploitation of complement regulatory proteins by <i>Borrelia</i> and <i>Francisella</i> . <i>Molecular BioSystems</i> , 2015, 11, 1684-1695.	2.9	10
32	Proteome response at the edge of protein aggregation. <i>Open Biology</i> , 2015, 5, 140221.	1.5	9
33	Redox proteomic analysis of <i>Mytilus edulis</i> gills: effects of the pharmaceutical diclofenac on a non-target organism. <i>Drug Testing and Analysis</i> , 2015, 7, 957-966.	1.6	11
34	Application of a redox proteomics toolbox to <i>Daphnia magna</i> challenged with model pro-oxidants copper and paraquat. <i>Environmental Toxicology and Chemistry</i> , 2015, 34, 84-91.	2.2	7
35	Transthyretin Amyloidosis: Chaperone Concentration Changes and Increased Proteolysis in the Pathway to Disease. <i>PLoS ONE</i> , 2015, 10, e0125392.	1.1	25
36	Comparative Proteomic Profiling of <i>Ehrlichia ruminantium</i> Pathogenic Strain and Its High-Passaged Attenuated Strain Reveals Virulence and Attenuation-Associated Proteins. <i>PLoS ONE</i> , 2015, 10, e0145328.	1.1	28

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37	An Evaluation Of Parchmentsâ€™ Degradation A Hybrid Approach. , 2015, , .		0
38	Adhesive Proteins of Stalked and Acorn Barnacles Display Homology with Low Sequence Similarities. PLoS ONE, 2014, 9, e108902.	1.1	24
39	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.	2.3	10
40	Proteolytic events are relevant cellular responses during nervous system regeneration of the starfish <i>Marthasterias glacialis</i> . Journal of Proteomics, 2014, 99, 1-25.	1.2	10
41	Proteomic evaluation of citrate-coated silver nanoparticles toxicity in <i>Daphnia magna</i> . Analyst, The, 2014, 139, 1678-1686.	1.7	51
42	Effects of permethrin exposure on antioxidant enzymes and protein status in Mediterranean clams <i>Ruditapes decussatus</i> . Environmental Science and Pollution Research, 2014, 21, 4461-4472.	2.7	17
43	The effect of colostrum intake on blood plasma proteome profile in newborn lambs: low abundance proteins. BMC Veterinary Research, 2014, 10, 85.	0.7	46
44	Proteomic responses to metal-induced oxidative stress in hydrothermal vent-living mussels, <i>Bathymodiolus</i> sp., on the Southwest Indian Ridge. Marine Environmental Research, 2014, 96, 29-37.	1.1	8
45	Differential proteomics of dehydration and rehydration in bryophytes: evidence towards a common desiccation tolerance mechanism. Plant, Cell and Environment, 2014, 37, 1499-1515.	2.8	68
46	Proteomic changes in HEK-293 cells induced by hepatitis delta virus replication. Journal of Proteomics, 2013, 89, 24-38.	1.2	20
47	A possible approach for gel-based proteomic studies in recalcitrant woody plants. SpringerPlus, 2013, 2, 210.	1.2	13
48	Mapping sea urchins tube feet proteome â€™ A unique hydraulic mechano-sensory adhesive organ. Journal of Proteomics, 2013, 79, 100-113.	1.2	32
49	Insights into the molecular mechanism of protein native-like aggregation upon glycation. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 1010-1022.	1.1	48
50	HPLCâ€™UVâ€™ESI-MS analysis of phenolic compounds and antioxidant properties of <i>Hypericum undulatum</i> shoot cultures and wild-growing plants. Phytochemistry, 2013, 86, 83-91.	1.4	30
51	Xbp1-Independent Ire1 Signaling Is Required for Photoreceptor Differentiation and Rhabdomere Morphogenesis in <i>Drosophila</i> . Cell Reports, 2013, 5, 791-801.	2.9	64
52	Understanding regeneration through proteomics. Proteomics, 2013, 13, 686-709.	1.3	29
53	Protein extraction and two-dimensional gel electrophoresis of proteins in the marine mussel <i>Mytilus galloprovincialis</i> : an important tool for protein expression studies, food quality and safety assessment. Journal of the Science of Food and Agriculture, 2013, 93, 1779-1787.	1.7	24
54	Automatic prediction of PTMs in <i>Ehrlichia ruminantium</i> â€™ creating new datasets for Quickmod analyses. , 2013, , 67-70.		0

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55	PTMomics " a potpourri of experimental approaches. , 2013, , 26-26.		0
56	Omics approaches to study the Rickettsia Ehrlichia ruminantium: towards improved knowledge on Heartwater disease. , 2013, , 112-115.		0
57	Changes on bovine aorta endothelial cells (BAE) proteome upon infection with the rickettsia Ehrlichia ruminantium. , 2013, , 124-127.		0
58	CHARACTERIZATION OF NÁZHENIDE AND RELATED SECOIRIDOIDS IN OLEA EUROPEA L. SEEDS USING MALDI-TOF MASS SPECTROMETRY. Acta Horticulturae, 2012, , 403-410.	0.1	0
59	Radial nerve cord protein phosphorylation dynamics during starfish arm tip wound healing events. Electrophoresis, 2012, 33, 3764-3778.	1.3	9
60	Correlations Between the Biochemistry and Mechanical States of a Sea-Urchin Ligament: A Mutable Collagenous Structure. Biointerphases, 2012, 7, 38.	0.6	18
61	Iminoboronates: A New Strategy for Reversible Protein Modification. Journal of the American Chemical Society, 2012, 134, 10299-10305.	6.6	190
62	Mass spectrometry for the veterinary and farm animal world. , 2012, , 19-20.		0
63	Tick-borne diseases in cattle: Applications of proteomics to develop new generation vaccines. Journal of Proteomics, 2012, 75, 4232-4250.	1.2	71
64	Mass spectrometry and animal science: Protein identification strategies and particularities of farm animal species. Journal of Proteomics, 2012, 75, 4190-4206.	1.2	68
65	Methyl syringate: An efficient phenolic mediator for bacterial and fungal laccases. Bioresource Technology, 2012, 124, 371-378.	4.8	58
66	Comparative Proteome Analysis of a Human Liver Cell Line Stably Transfected with Hepatitis D Virus Full-Length cDNA. , 2012, 909, 205-225.		2
67	The Proteome Response to Amyloid Protein Expression In Vivo. PLoS ONE, 2012, 7, e50123.	1.1	12
68	Tandem Mass Spectrometry of Peptides. , 2012, , .		3
69	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
70	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.	1.4	10
71	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.	1.7	30
72	Proteomic analyses of Ehrlichia ruminantium highlight differential expression of MAP1-family proteins. Veterinary Microbiology, 2012, 156, 305-314.	0.8	19

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73	A proteomics study of the induction of somatic embryogenesis in <i>Medicago truncatula</i> using 2DE and MALDI-TOF/TOF. <i>Physiologia Plantarum</i> , 2012, 146, 236-249.	2.6	32
74	Tick-borne diseases in cattle: applications of proteomics and the development of new generation vaccines. , 2012, , 46-49.		0
75	The relative amounts of plasma transthyretin forms in familial transthyretin amyloidosis: A quantitative analysis by Fourier transform ion-cyclotron resonance mass spectrometry. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2011, 18, 191-199.	1.4	15
76	Differential protein expression in two bivalve species; <i>Mytilus galloprovincialis</i> and <i>Corbicula fluminea</i> ; exposed to <i>Cylindrospermopsis raciborskii</i> cells. <i>Aquatic Toxicology</i> , 2011, 101, 109-116.	1.9	65
77	The Effect of Tannins on Mediterranean Ruminant Ingestive Behavior: The Role of the Oral Cavity. <i>Molecules</i> , 2011, 16, 2766-2784.	1.7	54
78	Beyond Genetic Factors in Familial Amyloidotic Polyneuropathy: Protein Glycation and the Loss of Fibrinogen's Chaperone Activity. <i>PLoS ONE</i> , 2011, 6, e24850.	1.1	28
79	Effect of condensed tannin ingestion in sheep and goat parotid saliva proteome. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2011, 95, 304-312.	1.0	46
80	Combined use of LC-ESI-MS and antifungal tests for rapid identification of bioactive lipopeptides produced by <i>Bacillus amyloliquefaciens</i> CCM1 1051. <i>Process Biochemistry</i> , 2011, 46, 1738-1746.	1.8	39
81	Insulin glycation by methylglyoxal results in native-like aggregation and inhibition of fibril formation. <i>BMC Biochemistry</i> , 2011, 12, 41.	4.4	87
82	Exploring the proteome of an echinoderm nervous system: 2DE of the sea star radial nerve cord and the synaptosomal membranes subproteome. <i>Proteomics</i> , 2011, 11, 1359-1364.	1.3	25
83	Proteome characterization of sea star coelomocytes – The innate immune effector cells of echinoderms. <i>Proteomics</i> , 2011, 11, 3587-3592.	1.3	30
84	First identification of tannin-binding proteins in saliva of <i>Papio hamadryas</i> using MS/MS mass spectrometry. <i>American Journal of Primatology</i> , 2011, 73, 896-902.	0.8	43
85	Rescue of F508del-CFTR by RXR motif inactivation triggers proteome modulation associated with the unfolded protein response. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2010, 1804, 856-865.	1.1	31
86	Subunit composition of <i>Rhodothermus marinus</i> respiratory complex I. <i>Analytical Biochemistry</i> , 2010, 407, 104-110.	1.1	5
87	A non-invasive method based on saliva to characterize transthyretin in familial amyloidotic polyneuropathy patients using FT-ICR high-resolution MS. <i>Proteomics - Clinical Applications</i> , 2010, 4, 674-678.	0.8	6
88	Proteomic investigation of the effects of weight loss in the gastrocnemius muscle of wild and NZW rabbits via 2DElectrophoresis and MALDI-TOF MS. <i>Animal Genetics</i> , 2010, 41, 260-272.	0.6	47
89	Characterisation of <i>Zea mays</i> L. plastidial transglutaminase: interactions with thylakoid membrane proteins. <i>Plant Biology</i> , 2010, 12, 708-716.	1.8	28
90	The effect of weight loss on protein profiles of gastrocnemius muscle in rabbits: a study using 1D electrophoresis and peptide mass fingerprinting. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2010, 94, 174-185.	1.0	8

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91	Serine Protease-mediated Host Invasion by the Parasitic Nematode <i>Steinernema carpocapsae</i> . <i>Journal of Biological Chemistry</i> , 2010, 285, 30666-30675.	1.6	41
92	Changes in mouse whole saliva soluble proteome induced by tannin-enriched diet. <i>Proteome Science</i> , 2010, 8, 65.	0.7	48
93	Protein Adducts As Prospective Biomarkers of Nevirapine Toxicity. <i>Chemical Research in Toxicology</i> , 2010, 23, 1714-1725.	1.7	42
94	Portuguese winemaking residues as a potential source of natural anti-adenoviral agents. <i>International Journal of Food Sciences and Nutrition</i> , 2010, 61, 357-368.	1.3	25
95	Monitoring virus-like particle and viral protein production by intact cell MALDI-TOF mass spectrometry. <i>Talanta</i> , 2010, 80, 1561-1568.	2.9	20
96	Morphological alterations in salivary glands of mice (<i>Mus musculus</i>) submitted to tannin enriched diets: comparison with sialotropic effects of sympathetic agonists stimulation. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2010, 62, 837-844.	0.1	6
97	Secoiridoids in olive seed: characterization of nã¼zhenide and 11-methyl oleosides by liquid chromatography with diode array and mass spectrometry. <i>Grasas Y Aceites</i> , 2010, 61, 157-164.	0.3	28
98	An apoptosis-inducing serine protease secreted by the entomopathogenic nematode <i>Steinernema carpocapsae</i> . <i>International Journal for Parasitology</i> , 2009, 39, 1319-1330.	1.3	58
99	On the Mechanism of Biotransformation of the Anthraquinonic Dye Acid Blue 62 by Laccases. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 1857-1865.	2.1	27
100	First Insights into the Biochemistry of Tube Foot Adhesive from the Sea Urchin <i>Paracentrotus lividus</i> (Echinoidea, Echinodermata). <i>Marine Biotechnology</i> , 2009, 11, 686-698.	1.1	64
101	Dopamine- and tyramine-based derivatives of triazenes: Activation by tyrosinase and implications for prodrug design. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 3228-3234.	2.6	18
102	Identification of bacterial protein markers and enolase as a plant response protein in the infection of <i>Olea europaea</i> subsp. <i>europaea</i> by <i>Pseudomonas savastanoi</i> pv. <i>savastanoi</i> . <i>European Journal of Plant Pathology</i> , 2009, 125, 603-616.	0.8	29
103	Proteomic evaluation of woundâ€œhealing processes in potato (<i>Solanum tuberosum</i>) tuber tissue. <i>Proteomics</i> , 2009, 9, 4154-4175.	1.3	39
104	Enzymatic biotransformation of the azo dye Sudan Orange G with bacterial CotA-laccase. <i>Journal of Biotechnology</i> , 2009, 139, 68-77.	1.9	143
105	Proteome analysis of a human liver carcinoma cell line stably expressing hepatitis delta virus ribonucleoproteins. <i>Journal of Proteomics</i> , 2009, 72, 616-627.	1.2	24
106	Low temperature restoring effect on F508del-CFTR misprocessing: A proteomic approach. <i>Journal of Proteomics</i> , 2009, 73, 218-230.	1.2	29
107	Establishment of a proteomic reference map for the gastrocnemius muscle in the rabbit (<i>Oryctolagus</i>) Tj ETQq1 1 0,784314 rgBT /Overl 0,9 19	0.9	19
108	Sheep and goat saliva proteome analysis: A useful tool for ingestive behavior research?. <i>Physiology and Behavior</i> , 2009, 98, 393-401.	1.0	65

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109	Identification and quantitative analysis of human transthyretin variants in human serum by Fourier transform ion-cyclotron resonance mass spectrometry. <i>Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis</i> , 2009, 16, 201-207.	1.4	9
110	The Echinoderm Tube Foot and its Role in Temporary Underwater Adhesion. , 2009, , 9-41.		26
111	Salivary Amylase Induction by Tannin-Enriched Diets as a Possible Countermeasure Against Tannins. <i>Journal of Chemical Ecology</i> , 2008, 34, 376-387.	0.9	74
112	Comparison of Electrophoretic Protein Profiles from Sheep and Goat Parotid Saliva. <i>Journal of Chemical Ecology</i> , 2008, 34, 388-397.	0.9	39
113	Changes in the proteome of Huh7 cells induced by transient expression of hepatitis D virus RNA and antigens. <i>Journal of Proteomics</i> , 2008, 71, 71-79.	1.2	22
114	Analysis of trans-resveratrol: Comparison of methods and contents in Muscatel fortified wines from Setúbal region in Portugal. <i>Journal of Food Composition and Analysis</i> , 2008, 21, 634-643.	1.9	21
115	Sodium dodecyl sulfate-capillary gel electrophoresis analysis of rotavirus-like particles. <i>Journal of Chromatography A</i> , 2008, 1192, 166-172.	1.8	21
116	Protein glycation and methylglyoxal metabolism in yeast: finding peptide needles in protein haystacks. <i>FEMS Yeast Research</i> , 2008, 8, 174-181.	1.1	22
117	Environmental dynamics of <i>Bacillus amyloliquefaciens</i> CCM1 1051 antifungal activity under different nitrogen patterns. <i>Journal of Applied Microbiology</i> , 2008, 104, 808-816.	1.4	29
118	Protein glycation <i>in vivo</i> : functional and structural effects on yeast enolase. <i>Biochemical Journal</i> , 2008, 416, 317-326.	1.7	47
119	Expression and Subcellular Localization of a Novel Nuclear Acetylcholinesterase Protein. <i>Journal of Biological Chemistry</i> , 2007, 282, 25597-25603.	1.6	35
120	The [NiFeSe] hydrogenase from <i>Desulfovibrio vulgaris</i> Hildenborough is a bacterial lipoprotein lacking a typical lipoprotein signal peptide. <i>FEBS Letters</i> , 2007, 581, 3341-3344.	1.3	35
121	Purification and identification of cutinases from <i>Colletotrichum kahawae</i> and <i>Colletotrichum gloeosporioides</i> . <i>Applied Microbiology and Biotechnology</i> , 2007, 73, 1306-1313.	1.7	46
122	Phenolic Compounds and Antioxidant Activity of <i>Olea europaea</i> L. Fruits and Leaves. <i>Food Science and Technology International</i> , 2006, 12, 385-395.	1.1	248
123	Proteomic analysis of nasal cells from cystic fibrosis patients and non-cystic fibrosis control individuals: Search for novel biomarkers of cystic fibrosis lung disease. <i>Proteomics</i> , 2006, 6, 2314-2325.	1.3	70
124	Yeast protein glycation <i>in vivo</i> by methylglyoxal. <i>FEBS Journal</i> , 2006, 273, 5273-5287.	2.2	67
125	Analysis of phenolic compounds in Muscatel wines produced in Portugal. <i>Analytica Chimica Acta</i> , 2006, 563, 84-92.	2.6	120
126	Comparison between sample disruption methods and solid-liquid extraction (SLE) to extract phenolic compounds from <i>Ficus carica</i> leaves. <i>Journal of Chromatography A</i> , 2006, 1103, 22-28.	1.8	80

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127	New dioxadiaz-, trioxadiaz- and hexaaza-macrocycles containing dibenzofuran units. <i>Tetrahedron</i> , 2006, 62, 8550-8558.	1.0	16
128	Identification and Characterization of Merozoite Antigens of a <i>Theileria</i> Species Highly Pathogenic for Small Ruminants in China. <i>Annals of the New York Academy of Sciences</i> , 2006, 1081, 443-452.	1.8	1
129	Effect of osmotic pressure on the production of retroviral vectors: Enhancement in vector stability. <i>Biotechnology and Bioengineering</i> , 2006, 94, 322-329.	1.7	30
130	Liquid chromatography-diode array detection-electrospray ionisation mass spectrometry/nuclear magnetic resonance analyses of the anti-hyperglycemic flavonoid extract of <i>Genista tenera</i> . <i>Journal of Chromatography A</i> , 2005, 1089, 59-64.	1.8	49
131	Hydrogenases in <i>Desulfovibrio vulgaris</i> Hildenborough: structural and physiologic characterisation of the membrane-bound [NiFeSe] hydrogenase. <i>Journal of Biological Inorganic Chemistry</i> , 2005, 10, 667-682.	1.1	83
132	Proton-assisted Two-electron Transfer in Natural Variants of Tetraheme Cytochromes from <i>Desulfomicrobium</i> Sp.. <i>Journal of Biological Chemistry</i> , 2004, 279, 52227-52237.	1.6	24
133	Effect of the manganese ion on human alpha3/4 fucosyltransferase III activity. <i>BioMetals</i> , 2004, 17, 35-43.	1.8	13
134	A novel iron centre in the split-Soret cytochrome c from <i>Desulfovibrio desulfuricans</i> ATCC 27774. <i>Journal of Biological Inorganic Chemistry</i> , 2003, 8, 360-370.	1.1	20
135	Sulfate Respiration in <i>Desulfovibrio vulgaris</i> Hildenborough. <i>Journal of Biological Chemistry</i> , 2002, 277, 47907-47916.	1.6	55
136	Structure determination of bacterioferritin from <i>Desulfovibrio desulfuricans</i> by the MAD method at the FeK-edge. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 2001, 57, 326-329.	2.5	7
137	Structural determination of Bacterioferritin from <i>Desulfovibrio Desulfuricans</i> ATCC 27774. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 2000, 56, s279-s279.	0.3	0
138	Nine-haem cytochrome c from <i>Desulfovibrio desulfuricans</i> ATCC 27774: primary sequence determination, crystallographic refinement at 1.8 Å and modelling studies of its interaction with the tetrahaem cytochrome c 3. <i>Journal of Biological Inorganic Chemistry</i> , 1999, 4, 478-494.	1.1	46
139	The primary and three-dimensional structures of a nine-haem cytochrome c from <i>Desulfovibrio desulfuricans</i> ATCC 27774 reveal a new member of the Hmc family. <i>Structure</i> , 1999, 7, 119-130.	1.6	79
140	A preliminary analysis of the three-dimensional structure of dimeric di-haem split-Soret cytochrome c from <i>Desulfovibrio desulfuricans</i> ATCC 27774 at 2.5 Å resolution using the MAD phasing method: a novel cytochrome fold with a stacked-haem arrangement. <i>Journal of Biological Inorganic Chemistry</i> , 1997, 2, 507-514.	1.1	36
141	Desulfoferrodoxin structure determined by MAD phasing and refinement to 1.9 Å resolution reveals a unique combination of a tetrahedral FeS ₄ centre with a square pyramidal FeSN ₄ centre. <i>Journal of Biological Inorganic Chemistry</i> , 1997, 2, 680-689.	1.1	116
142	A novel iron center in desulfoferrodoxin from <i>D. desulfuricans</i> ATCC 27774: crystal structure at 1.8 Å resolution. <i>Acta Crystallographica Section A: Foundations and Advances</i> , 1996, 52, C71-C71.	0.3	0
143	Preliminary crystallographic analysis and further characterization of a dodecaheme cytochrome c from <i>Desulfovibrio desulfuricans</i> ATCC 27774. <i>Acta Crystallographica Section D: Biological Crystallography</i> , 1996, 52, 1202-1208.	2.5	7
144	Preliminary crystallographic analysis of the oxidized form of a two mono-nuclear iron centres protein from <i>desulfovibrio desulfuricans</i> ATCC 27774. <i>Protein Science</i> , 1996, 5, 1189-1191.	3.1	9

#	ARTICLE	IF	CITATIONS
145	MAD phasing used in the structure determination of desulfoferrodoxin. Acta Crystallographica Section A: Foundations and Advances, 1996, 52, C57-C57.	0.3	0
146	Contribution of Mass Spectrometry to the Study of Antimalarial Agents. , 0, , .		2