Ana Varela Coelho

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5335832/publications.pdf

Version: 2024-02-01

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	Articulating the â€œstem cell nicheâ€•paradigm through the lens of non-model aquatic invertebrates. BMC Biology, 2022, 20, 23.	3.8	26
2	Characterization of Soluble Cell-Free Coelomic Fluid Proteome from the Starfish Marthasterias glacialis. Methods in Molecular Biology, 2022, 2450, 583-597.	0.9	0
3	Biomaterials and Bioactive Natural Products from Marine Invertebrates: From Basic Research to Innovative Applications. Marine Drugs, 2022, 20, 219.	4.6	26
4	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
5	Revisiting Ehrlichia ruminantium Replication Cycle Using Proteomics: The Host and the Bacterium Perspectives. Microorganisms, 2021, 9, 1144.	3.6	2
6	Stem cells of aquatic invertebrates as an advanced tool for assessing ecotoxicological impacts. Science of the Total Environment, 2021, 771, 144565.	8.0	24
7	Discovery of serum biomarkers for diagnosis of tuberculosis by NMR metabolomics including cross-validation with a second cohort. Biomedical Journal, 2021, , .	3.1	14
8	Grapevineâ€“Downy Mildew Rendezvous: Proteome Analysis of the First Hours of an Incompatible Interaction. Plants, 2020, 9, 1498.	3.5	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.	6.5	19
10	Changes in the salivary proteome of beagle dogs after weight loss. Domestic Animal Endocrinology, 2020, 72, 106474.	1.6	2
11	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
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.	3.7	7
13	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
14	Comparative proteomic analysis of saliva from dogs with and without obesity-related metabolic dysfuntion. Journal of Proteomics, 2019, 201, 65-72.	2.4	14
15	AB1172â€…ARE CIRCULATING BLOOD BIOMARKERS FOR INFLAMMATORY RHEUMATIC DISEASES GENDER-DEPENDENT? â€“ 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.	1.9	8
17	Maristemâ€”Stem Cells of Marine/Aquatic Invertebrates: From Basic Research to Innovative Applications. Sustainability, 2018, 10, 526.	3.2	9
18	An integrated view of asteroid regeneration: tissues, cells and molecules. Cell and Tissue Research, 2017, 370, 13-28.	2.9	26

#	Article	IF	Citations
19	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
20	Oak protein profile alterations upon root colonization by an ectomycorrhizal fungus. Mycorrhiza, 2017, 27, 109-128.	2.8	25
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	Proteomic Profiling of the Outer Membrane Fraction of the Obligate Intracellular Bacterial Pathogen Ehrlichia ruminantium. PLoS ONE, 2015, 10, e0116758.	2.5	21
29	Chronic sustained hypoxia-induced redox remodeling causes contractile dysfunction in mouse sternohyoid muscle. Frontiers in Physiology, 2015, 6, 122.	2.8	21
30	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
31	Exploitation of complement regulatory proteins by Borrelia and Francisella. Molecular BioSystems, 2015, 11, 1684-1695.	2.9	10
32	Proteome response at the edge of protein aggregation. Open Biology, 2015, 5, 140221.	3.6	9
33	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
34	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
35	Transthyretin Amyloidosis: Chaperone Concentration Changes and Increased Proteolysis in the Pathway to Disease. PLoS ONE, 2015, 10, e0125392.	2.5	25
36	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

#	Article	IF	Citations
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.	2.5	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.	4.5	10
40	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
41	Proteomic evaluation of citrate-coated silver nanoparticles toxicity in Daphnia magna. Analyst, The, 2014, 139, 1678-1686.	3.5	51
42	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
43	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
44	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
45	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
46	Proteomic changes in HEK-293 cells induced by hepatitis delta virus replication. Journal of Proteomics, 2013, 89, 24-38.	2.4	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.	2.4	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.	2.3	48
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	Xbp1-Independent Ire1 Signaling Is Required for Photoreceptor Differentiation and Rhabdomere Morphogenesis in Drosophila. Cell Reports, 2013, 5, 791-801.	6.4	64
52	Understanding regeneration through proteomics. Proteomics, 2013, 13, 686-709.	2.2	29
53	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
54	Automatic prediction of PTMs in Ehrlichia ruminantium â€" creating new datasets for Quickmod analyses. , 2013, , 67-70.		0

#	Article	IF	Citations
55	PTMomics â€“ 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 NÃœZHENIDE AND RELATED SECOIRIDOIDS IN OLEA EUROPEA L. SEEDS USING MALDI-TOF MASS SPECTROMETRY. Acta Horticulturae, 2012, , 403-410.	0.2	0
59	Radial nerve cord protein phosphorylation dynamics during starfish arm tip wound healing events. Electrophoresis, 2012, 33, 3764-3778.	2.4	9
60	Correlations Between the Biochemistry and Mechanical States of a Sea-Urchin Ligament: A Mutable Collagenous Structure. Biointerphases, 2012, 7, 38.	1.6	18
61	Iminoboronates: A New Strategy for Reversible Protein Modification. Journal of the American Chemical Society, 2012, 134, 10299-10305.	13.7	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.	2.4	71
64	Mass spectrometry and animal science: Protein identification strategies and particularities of farm animal species. Journal of Proteomics, 2012, 75, 4190-4206.	2.4	68
65	Methyl syringate: An efficient phenolic mediator for bacterial and fungal laccases. Bioresource Technology, 2012, 124, 371-378.	9.6	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.	2.5	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.	3.0	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.	3.6	30
72	Proteomic analyses of Ehrlichia ruminantium highlight differential expression of MAP1-family proteins. Veterinary Microbiology, 2012, 156, 305-314.	1.9	19

#	Article	IF	Citations
73	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
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. 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
76	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
77	The Effect of Tannins on Mediterranean Ruminant Ingestive Behavior: The Role of the Oral Cavity. Molecules, 2011, 16, 2766-2784.	3.8	54
78	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
79	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
80	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
81	Insulin glycation by methylglyoxal results in native-like aggregation and inhibition of fibril formation. BMC Biochemistry, 2011, 12, 41.	4.4	87
82	Exploring the proteome of an echinoderm nervous system: 2â€DE of the sea star radial nerve cord and the synaptosomal membranes subproteome. Proteomics, 2011, 11, 1359-1364.	2.2	25
83	Proteome characterization of sea star coelomocytes â€“ The innate immune effector cells of echinoderms. Proteomics, 2011, 11, 3587-3592.	2.2	30
84	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
85	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
86	Subunit composition of Rhodothermus marinus respiratory complex I. Analytical Biochemistry, 2010, 407, 104-110.	2.4	5
87	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
88	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
89	Characterisation of Zea mays L. plastidial transglutaminase: interactions with thylakoid membrane proteins. Plant Biology, 2010, 12, 708-716.	3.8	28
90	The effect of weight loss on protein profiles of gastrocnemius muscle in rabbits: a study using 1D electrophoresis and peptide mass fingerprinting. Journal of Animal Physiology and Animal Nutrition, 2010, 94, 174-185.	2.2	8

#	Article	IF	Citations
91	Serine Protease-mediated Host Invasion by the Parasitic Nematode Steinernema carpocapsae. Journal of Biological Chemistry, 2010, 285, 30666-30675.	3.4	41
92	Changes in mouse whole saliva soluble proteome induced by tannin-enriched diet. Proteome Science, 2010, 8, 65.	1.7	48
93	Protein Adducts As Prospective Biomarkers of Nevirapine Toxicity. Chemical Research in Toxicology, 2010, 23, 1714-1725.	3.3	42
94	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
95	Monitoring virus-like particle and viral protein production by intact cell MALDI-TOF mass spectrometry. Talanta, 2010, 80, 1561-1568.	5.5	20
96	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
97	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
98	An apoptosis-inducing serine protease secreted by the entomopathogenic nematode Steinernema carpocapsae. International Journal for Parasitology, 2009, 39, 1319-1330.	3.1	58
99	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
100	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
101	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
102	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
103	Proteomic evaluation of woundâ€healing processes in potato (Solanum tuberosum L.) tuber tissue. Proteomics, 2009, 9, 4154-4175.	2.2	39
104	Enzymatic biotransformation of the azo dye Sudan Orange G with bacterial CotA-laccase. Journal of Biotechnology, 2009, 139, 68-77.	3.8	143
105	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
106	Low temperature restoring effect on F508del-CFTR misprocessing: A proteomic approach. Journal of Proteomics, 2009, 73, 218-230.	2.4	29
107	Establishment of a proteomic reference map for the gastrocnemius muscle in the rabbit (Oryctolagus) Tj ETQq1 1 0.784314 rgBT /Ov	1.9	19
108	Sheep and goat saliva proteome analysis: A useful tool for ingestive behavior research?. Physiology and Behavior, 2009, 98, 393-401.	2.1	65

#	Article	IF	Citations
109	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
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. Journal of Chemical Ecology, 2008, 34, 376-387.	1.8	74
112	Comparison of Electrophoretic Protein Profiles from Sheep and Goat Parotid Saliva. Journal of Chemical Ecology, 2008, 34, 388-397.	1.8	39
113	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
114	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
115	Sodium dodecyl sulfate-capillary gel electrophoresis analysis of rotavirus-like particles. Journal of Chromatography A, 2008, 1192, 166-172.	3.7	21
116	Protein glycation and methylglyoxal metabolism in yeast: finding peptide needles in protein haystacks. FEMS Yeast Research, 2008, 8, 174-181.	2.3	22
117	Environmental dynamics of Bacillus amyloliquefaciens CCMI 1051 antifungal activity under different nitrogen patterns. Journal of Applied Microbiology, 2008, 104, 808-816.	3.1	29
118	Protein glycation in vivo: functional and structural effects on yeast enolase. Biochemical Journal, 2008, 416, 317-326.	3.7	47
119	Expression and Subcellular Localization of a Novel Nuclear Acetylcholinesterase Protein. Journal of Biological Chemistry, 2007, 282, 25597-25603.	3.4	35
120	The [NiFeSe] hydrogenase fromDesulfovibrio vulgarisHildenborough is a bacterial lipoprotein lacking a typical lipoprotein signal peptide. FEBS Letters, 2007, 581, 3341-3344.	2.8	35
121	Purification and identification of cutinases from Colletotrichum kahawae and Colletotrichum gloeosporioides. Applied Microbiology and Biotechnology, 2007, 73, 1306-1313.	3.6	46
122	Phenolic Compounds and Antioxidant Activity of Olea europaea L. Fruits and Leaves. Food Science and Technology International, 2006, 12, 385-395.	2.2	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. Proteomics, 2006, 6, 2314-2325.	2.2	70
124	Yeast protein glycationinâ€ƒvivoby methylglyoxal. FEBS Journal, 2006, 273, 5273-5287.	4.7	67
125	Analysis of phenolic compounds in Muscatel wines produced in Portugal. Analytica Chimica Acta, 2006, 563, 84-92.	5.4	120
126	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

#	Article	IF	Citations
127	New dioxadiaza-, trioxadiaza- and hexaaza-macrocycles containing dibenzofuran units. Tetrahedron, 2006, 62, 8550-8558.	1.9	16
128	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
129	Effect of osmotic pressure on the production of retroviral vectors: Enhancement in vector stability. Biotechnology and Bioengineering, 2006, 94, 322-329.	3.3	30
130	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
131	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
132	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
133	Effect of the manganese ion on human alpha3/4 fucosyltransferase III activity. BioMetals, 2004, 17, 35-43.	4.1	13
134	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
135	Sulfate Respiration in Desulfovibrio vulgaris Hildenborough. Journal of Biological Chemistry, 2002, 277, 47907-47916.	3.4	55
136	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
137	Structural determination of Bacterioferritin fromDesulfovibrio DesulfuricansATCC 27774. Acta Crystallographica Section A: Foundations and Advances, 2000, 56, s279-s279.	0.3	0
138	Nine-haem cytochrome c from Desulfovibrio desulfuricans ATCC 27774â€Š:â€Šprimary sequence determination, crystallographic refinement at 1.8â€‰ and modelling studies of its interaction with the tetrahaem cytochrome c 3. Journal of Biological Inorganic Chemistry, 1999, 4, 478-494.	2.6	46
139	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
140	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
141	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
142	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
143	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
144	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

#	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