Miguel Teixeira

List of Publications by Year
in descending order

236	11,030	34493 54	53065 89
papers	citations	h-index	g-index

260	260	260	9150
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modulation of Human Phenylalanine Hydroxylase by 3-Hydroxyquinolin-2(1H)-One Derivatives. Biomolecules, 2021, 11, 462.	1.8	5
2	The Amino Acids Motif -32GSSYN36- in the Catalytic Domain of E. coli Flavorubredoxin NO Reductase Is Essential for Its Activity. Catalysts, 2021, 11, 926.	1.6	1
3	Responses of Clostridia to oxygen: from detoxification to adaptive strategies. Environmental Microbiology, 2021, 23, 4112-4125.	1.8	26
4	Structural and functional insights of GSU0105, aÂunique multiheme cytochrome from G.Âsulfurreducens. Biophysical Journal, 2021, 120, 5395-5407.	0.2	4
5	How superoxide reductases and flavodiiron proteins combat oxidative stress in anaerobes. Free Radical Biology and Medicine, 2019, 140, 36-60.	1.3	43
6	The interplay between Mn and Fe in Deinococcus radiodurans triggers cellular protection during paraquat-induced oxidative stress. Scientific Reports, 2019, 9, 17217.	1.6	18
7	Analysis of a new flavodiiron core structural arrangement in Flv1-Î”FlR protein from Synechocystis sp. PCC6803. Journal of Structural Biology, 2019, 205, 91-102.	1.3	12
8	Diversity and complexity of flavodiiron NO/O2 reductases. FEMS Microbiology Letters, 2018, 365, .	0.7	33
9	Structural basis for energy transduction by respiratory alternative complex III. Nature Communications, 2018, 9, 1728.	5.8	38
10	Resonance Raman spectroscopy of Feâ€“S proteins and their redox properties. Journal of Biological Inorganic Chemistry, 2018, 23, 647-661.	1.1	35
11	Functional and structural characterization of Alternative Complex III. Biochimica Et Biophysica Acta - Bioenergetics, 2018, 1859, e66.	0.5	0
12	Insights into the Structures of Superoxide Reductases from the Symbionts Ignicoccus hospitalis and Nanoarchaeum equitans. Biochemistry, 2018, 57, 5271-5281.	1.2	5
13	The multidomain flavodiiron protein from Clostridium difficile 630 is an NADH:oxygen oxidoreductase. Scientific Reports, 2018, 8, 10164.	1.6	22
14	The monoheme cytochrome c subunit of Alternative Complex III is a direct electron donor to caa3 oxygen reductase in Rhodothermus marinus. Biological Chemistry, 2017, 398, 1037-1044.	1.2	6
15	Nitrosative stress defences of the enterohepatic pathogenic bacterium Helicobacter pullorum. Scientific Reports, 2017, 7, 9909.	1.6	7
16	Desulfovibrio vulgaris CbiK P cobaltochelatase: evolution of a haem binding protein orchestrated by the incorporation of two histidine residues. Environmental Microbiology, 2017, 19, 106-118.	1.8	9
17	Trichomonas vaginalis Repair of Iron Centres Proteins: The Different Role of Two Paralogs. Protist, 2016, 167, 222-233.	0.6	9
18	Exploring membrane respiratory chains. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 1039-1067.	0.5	70

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19	Structure of Escherichia coli Flavodiiron Nitric Oxide Reductase. Journal of Molecular Biology, 2016, 428, 4686-4707.	2.0	30
20	The dual function of flavodiiron proteins: oxygen and/or nitric oxide reductases. Journal of Biological Inorganic Chemistry, 2016, 21, 39-52.	1.1	55
21	Supramolecular organization of bacterial aerobic respiratory chains: From cells and back. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 190-197.	0.5	39
22	Mimicking Tyrosine Phosphorylation in Human Cytochromeâ€...c by the Evolved tRNA Synthetase Technique. Chemistry - A European Journal, 2015, 21, 15004-15012.	1.7	32
23	Insights into the structure of the diiron site of RIC from Escherichia coli. FEBS Letters, 2015, 589, 426-431.	1.3	9
24	Superoxide reduction by a superoxide reductase lacking the highly conserved lysine residue. Journal of Biological Inorganic Chemistry, 2015, 20, 155-164.	1.1	6
25	Unravelling New Metabolic Pathways: Supramolecular Organization of Aerobic Bacteria Respiratory Chains. , 2015, , 217-238.		0
26	Escherichia coli RIC Is Able to Donate Iron to Iron-Sulfur Clusters. PLoS ONE, 2014, 9, e95222.	1.1	31
27	Functional Characterization of Peroxiredoxins from the Human Protozoan Parasite Giardia intestinalis. PLoS Neglected Tropical Diseases, 2014, 8, e2631.	1.3	33
28	Flavodiiron Oxygen Reductase from Entamoeba histolytica. Journal of Biological Chemistry, 2014, 289, 28260-28270.	1.6	22
29	Proteinâ€“protein interaction in Rhodothermus marinus respiratory chain studied by NMR spectroscopy. Biochimica Et Biophysica Acta - Bioenergetics, 2014, 1837, e83-e84.	0.5	0
30	Superoxide Dismutases and Superoxide Reductases. Chemical Reviews, 2014, 114, 3854-3918.	23.0	717
31	Characterisation of Desulfovibrio vulgaris haem b synthase, a radical SAM family member. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 1238-1247.	1.1	23
32	Reductive activation and structural rearrangement in superoxide reductase: a combined infrared spectroscopic and computational study. Physical Chemistry Chemical Physics, 2014, 16, 14220-14230.	1.3	10
33	Metal-induced histidine deprotonation in biocatalysis? Experimental and theoretical insights into superoxide reductase. RSC Advances, 2014, 4, 54091-54095.	1.7	10
34	Ethylmalonic Encephalopathy ETHE1 R163W/R163Q Mutations Alter Protein Stability and Redox Properties of the Iron Centre. PLoS ONE, 2014, 9, e107157.	1.1	19
35	Structural composition of alternative complex III: Variations on the same theme. Biochimica Et Biophysica Acta - Bioenergetics, 2013, 1827, 1378-1382.	0.5	22
36	Oxidative Stress Modulates the Nitric Oxide Defense Promoted by Escherichia coli Flavorubredoxin. Journal of Bacteriology, 2012, 194, 3611-3617.	1.0	25

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37	A Detoxifying Oxygen Reductase in the Anaerobic Protozoan Entamoeba histolytica. Eukaryotic Cell, 2012, 11, 1112-1118.	3.4	47
38	Thermofluor-based optimization strategy for the stabilization and crystallization of Campylobacter jejuni desulforubrerythrin. Protein Expression and Purification, 2012, 81, 193-200.	0.6	15
39	The Alternative complex III: Properties and possible mechanisms for electron transfer and energy conservation. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 1852-1859.	0.5	47
40	Electron/proton coupling in biological energy transduction. FEBS Letters, 2012, 586, 473-473.	1.3	0
41	The superfamily of hemeâ€"copper oxygen reductases: Types and evolutionary considerations. Biochimica Et Biophysica Acta - Bioenergetics, 2012, 1817, 629-637.	0.5	163
42	Decay of the Chloroplast Pool of Ascorbate Switches on the Oxidative Burst in UVâ€Bâ€Irradiated Rice. Journal of Agronomy and Crop Science, 2012, 198, 130-144.	1.7	41
43	Electron transfer dynamics of Rhodothermus marinus caa3 cytochrome c domains on biomimetic films. Physical Chemistry Chemical Physics, 2011, 13, 18088.	1.3	12
44	Gene expression study of the flavodi-iron proteins from the cyanobacterium Synechocystis sp. PCC6803. Biochemical Society Transactions, 2011, 39, 216-218.	1.6	8
45	Flavodiiron Proteins and Their Role in Cyanobacteria. , 2011, , 631-653.		11
46	A Bioinformatics Classifier and Database for Heme-Copper Oxygen Reductases. PLoS ONE, 2011, 6, e19117.	1.1	60
47	The superoxide reductase from the early diverging eukaryote Giardia intestinalis. Free Radical Biology and Medicine, 2011, 51, 1567-1574.	1.3	26
48	Nitration of tyrosines 46 and 48 induces the specific degradation of cytochrome c upon change of the heme iron state to high-spin. Biochimica Et Biophysica Acta - Bioenergetics, 2011, 1807, 1616-1623.	0.5	36
49	Desulforubrerythrin from Campylobacter jejuni, a novel multidomain protein. Journal of Biological Inorganic Chemistry, 2011, 16, 501-510.	1.1	15
50	Tyrosine phosphorylation turns alkaline transition into a biologically relevant process and makes human cytochrome c behave as an anti-apoptotic switch. Journal of Biological Inorganic Chemistry, 2011, 16, 1155-1168.	1.1	62
51	Superoxide reductase fromNanoarchaeum equitans: expression, purification, crystallization and preliminary X-ray crystallographic analysis. Acta Crystallographica Section F: Structural Biology Communications, 2011, 67, 591-595.	0.7	3
52	Reactive Oxygen Species Mediate Bactericidal Killing Elicited by Carbon Monoxide-releasing Molecules. Journal of Biological Chemistry, 2011, 286, 26708-26717.	1.6	117
53	Structure at 1.0 Ã… resolution of a high-potential ironâ€"sulfur protein involved in the aerobic respiratory chain of Rhodothermus marinus. Journal of Biological Inorganic Chemistry, 2010, 15, 303-313.	1.1	20
54	The alternative complex III of Rhodothermus marinus and its structural and functional association with caa3 oxygen reductase. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 1477-1482.	0.5	33

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55	Nitration of tyrosine 74 prevents human cytochrome c to play a key role in apoptosis signaling by blocking caspase-9 activation. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 981-993.	0.5	72
56	The alternative complex III: A different architecture using known building modules. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 1869-1876.	0.5	55
57	Reductive elimination of superoxide: Structure and mechanism of superoxide reductases. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2010, 1804, 285-297.	1.1	51
58	Purification, crystallization and X-ray crystallographic analysis ofArchaeoglobus fulgidusneelaredoxin. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 316-319.	0.7	2
59	Cloning, purification, crystallization and X-ray crystallographic analysis ofIgnicoccus hospitalisneelaredoxin. Acta Crystallographica Section F: Structural Biology Communications, 2010, 66, 605-607.	0.7	7
60	Binding of Azole Antibiotics to Staphylococcus aureus Flavohemoglobin Increases Intracellular Oxidative Stress. Journal of Bacteriology, 2010, 192, 1527-1533.	1.0	41
61	Flavodiiron Protein from Trichomonas vaginalis Hydrogenosomes: the Terminal Oxygen Reductase. Eukaryotic Cell, 2009, 8, 47-55.	3.4	59
62	The cytochrome ba complex from the thermoacidophilic crenarchaeote Acidianus ambivalens is an analog of bc1 complexes. Biochimica Et Biophysica Acta - Bioenergetics, 2009, 1787, 37-45.	0.5	24
63	Comparative Fe and Zn K-edge X-ray absorption spectroscopic study of the ferroxidase centres of human H-chain ferritin and bacterioferritin from Desulfovibrio desulfuricans. Journal of Biological Inorganic Chemistry, 2009, 14, 35-49.	1.1	9
64	Entamoeba histolyticamodulates a complex repertoire of novel genes in response to oxidative and nitrosative stresses: implications for amebic pathogenesis. Cellular Microbiology, 2009, 11, 51-69.	1.1	102
65	Functional control of the binuclear metal site in the metallo-Î²-lactamase-like fold by subtle amino acid replacements. Protein Science, 2009, 11, 707-712.	3.1	30
66	Redox properties of the oxygen-detoxifying flavodiiron protein from the human parasite Giardia intestinalis. Archives of Biochemistry and Biophysics, 2009, 488, 9-13.	1.4	40
67	Resonance Raman study of the superoxide reductase from Archaeoglobus fulgidus, E12 mutants and a â€˜natural variantâ€™. Physical Chemistry Chemical Physics, 2009, 11, 1809.	1.3	13
68	Structural and Functional Insights into Sulfide:Quinone Oxidoreductase[,]. Biochemistry, 2009, 48, 5613-5622.	1.2	118
69	Superoxide reduction by Nanoarchaeum equitans neelaredoxin, an enzyme lacking the highly conserved glutamate iron ligand. Journal of Biological Inorganic Chemistry, 2008, 13, 219-228.	1.1	24
70	Crystallographic analysis of the intact metal centres [3Feâ€“4S]^{1+/0} and [4Feâ€“4S]^{2+/1+} in a Zn²⁺â€containing ferredoxin. FEBS Letters, 2008, 582, 763-767.	1.3	10
71	Looking for the minimum common denominator in haemâ€“copper oxygen reductases: Towards a unified catalytic mechanism. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 929-934.	0.5	64
72	Quaternary Structure of Flavorubredoxin as Revealed by Synchrotron Radiation Small-Angle X-Ray Scattering. Structure, 2008, 16, 1428-1436.	1.6	14

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73	Redox Properties of Thermus thermophilus ba3: Different Electron-Proton Coupling in Oxygen Reductases?. Biophysical Journal, 2008, 94, 2434-2441.	0.2	23
74	Thermodynamic Redox Behavior of the Heme Centers in A-Type Heme-Copper Oxygen Reductases: Comparison between the Two Subfamilies. Biophysical Journal, 2008, 95, 4448-4455.	0.2	6
75	The haemâ€“copper oxygen reductase of Desulfovibrio vulgaris contains a dihaem cytochrome c in subunit II. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, 1528-1534.	0.5	16
76	Biochemical, Spectroscopic, and Thermodynamic Properties of Flavodiiron Proteins. Methods in Enzymology, 2008, 437, 21-45.	0.4	46
77	Kinetic Characterization of the Escherichia coli Nitric Oxide Reductase Flavorubredoxin. Methods in Enzymology, 2008, 437, 47-62.	0.4	10
78	Structural Studies on Flavodiiron Proteins. Methods in Enzymology, 2008, 437, 3-19.	0.4	34
79	SERR-Spectroelectrochemical Study of a cbb₃ Oxygen Reductase in a Biomimetic Construct. Journal of Physical Chemistry B, 2008, 112, 16952-16959.	1.2	35
80	A Novel Type of Monoheme Cytochrome c: Biochemical and Structural Characterization at 1.23 Ã... Resolution of Rhodothermus marinus Cytochrome c. Biochemistry, 2008, 47, 11953-11963.	1.2	44
81	Escherichia coli Di-iron YtfE Protein Is Necessary for the Repair of Stress-damaged Iron-Sulfur Clusters. Journal of Biological Chemistry, 2007, 282, 10352-10359.	1.6	115
82	Crystallization and X-Ray Analysis of Rhodothermus marinus Cytochrome c at 1.23 Å Resolution. Protein and Peptide Letters, 2007, 14, 1038-1040.	0.4	3
83	Biochemical, proteomic and genetic characterization of oxygen survival mechanisms in sulphate-reducing bacteria of the genus Desulfovibrio. , 2007, , 185-214.		7
84	The anaerobeDesulfovibrio desulfuricansATCC 27774 grows at nearly atmospheric oxygen levels. FEBS Letters, 2007, 581, 433-436.	1.3	59
85	The alternative complex III from Rhodothermus marinus â€“ A prototype of a new family of quinol:electron acceptor oxidoreductases. FEBS Letters, 2007, 581, 4831-4835.	1.3	52
86	Thermodynamic Redox Behavior of the Heme Centers of cbb₃ Heme-Copper Oxygen Reductase from Bradyrhizobium japonicum. Biochemistry, 2007, 46, 13245-13253.	1.2	18
87	Aba3oxygen reductase from the thermohalophilic bacteriumRhodothermus marinus. FEMS Microbiology Letters, 2007, 269, 41-47.	0.7	16
88	Kinetics of electron transfer from NADH to the Escherichia coli nitric oxide reductase flavorubredoxin. FEBS Journal, 2007, 274, 677-686.	2.2	15
89	Superoxide reduction by Archaeoglobus fulgidus desulfoferrodoxin: comparison with neelaredoxin. Journal of Biological Inorganic Chemistry, 2007, 12, 248-256.	1.1	35
90	Characterization of theDesulfovibrio desulfuricansATCC 27774 DsrMKJOP ComplexA Membrane-Bound Redox Complex Involved in the Sulfate Respiratory Pathway. Biochemistry, 2006, 45, 249-262.	1.2	127

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91	The Tmc Complex fromDesulfovibrio vulgarisHildenborough Is Involved in Transmembrane Electron Transfer from Periplasmic Hydrogen Oxidationâ€. Biochemistry, 2006, 45, 10359-10367.	1.2	48
92	Electron Paramagnetic Resonance Studies of the Ironâ^'Sulfur Centers from Complex I ofRhodothermus marinusâ€. Biochemistry, 2006, 45, 1002-1008.	1.2	17
93	Superoxide Reduction Mechanism of Archaeoglobus fulgidus One-Iron Superoxide Reductase. Biochemistry, 2006, 45, 9266-9278.	1.2	45
94	A tyrosine residue deprotonates during oxygen reduction by thecaa3 reductase fromRhodothermus marinus. FEBS Letters, 2006, 580, 1350-1354.	1.3	18
95	Flavohemoglobin requires microaerophilic conditions for nitrosative protection ofStaphylococcus aureus. FEBS Letters, 2006, 580, 1817-1821.	1.3	48
96	The Na+/H+ antiporter of the thermohalophilic bacterium Rhodothermus marinus. Biochemical and Biophysical Research Communications, 2006, 348, 1011-1017.	1.0	6
97	Escherichia coliYtfE is a di-iron protein with an important function in assembly of ironÃ¢Â€Â“sulphur clusters. FEMS Microbiology Letters, 2006, 257, 278-284.	0.7	72
98	Crystallisation and preliminary structure determination of a NADH: quinone oxidoreductase from the extremophile Acidianus ambivalens. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2006, 1764, 842-845.	1.1	10
99	Relationship between retroviral vector membrane and vector stability. Journal of General Virology, 2006, 87, 1349-1356.	1.3	19
100	The Role of the Hybrid Cluster Protein in Oxidative Stress Defense. Journal of Biological Chemistry, 2006, 281, 32445-32450.	1.6	97
101	Desulfovibrio gigas Flavodiiron Protein Affords Protection against Nitrosative Stress In Vivo. Journal of Bacteriology, 2006, 188, 2745-2751.	1.0	64
102	Structure and coordination of CuB in the Acidianus ambivalens aa 3 quinol oxidase hemeâ€“copper center. Journal of Biological Inorganic Chemistry, 2005, 10, 625-635.	1.1	6
103	Hydrogenases in Desulfovibrio vulgaris Hildenborough: structural and physiologic characterisation of the membrane-bound [NiFeSe] hydrogenase. Journal of Biological Inorganic Chemistry, 2005, 10, 667-682.	1.1	83
104	New Genes Implicated in the Protection of Anaerobically Grown Escherichia coli against Nitric Oxide*. Journal of Biological Chemistry, 2005, 280, 2636-2643.	1.6	172
105	Redox and Spectroscopic Properties of the Escherichia coli Nitric Oxide-detoxifying System Involving Flavorubredoxin and Its NADH-oxidizing Redox Partner. Journal of Biological Chemistry, 2005, 280, 34599-34608.	1.6	47
106	Midpoint Potentials of Hemesaanda3in the Quinol Oxidase fromAcidianus ambivalensare Inverted. Journal of the American Chemical Society, 2005, 127, 13561-13566.	6.6	38
107	Structure at 1.3Ã... Resolution of Rhodothermus marinus caa3 Cytochrome c Domain. Journal of Molecular Biology, 2005, 345, 1047-1057.	2.0	19
108	Rubredoxin acts as an electron donor for neelaredoxin in Archaeoglobus fulgidus. Biochemical and Biophysical Research Communications, 2005, 329, 1300-1305.	1.0	32

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109	Quinone reduction by Rhodothermus marinus succinate:menaquinone oxidoreductase is not stimulated by the membrane potential. Biochemical and Biophysical Research Communications, 2005, 330, 565-570.	1.0	14
110	A Rieske ferredoxin typifying a subtype within Rieske proteins: spectroscopic, biochemical and stability studies. FEBS Letters, 2005, 579, 1020-1026.	1.3	7
111	A nhaD Na+/H+antiporter and a pcd homologues are among the Rhodothermus marinus complex I genes. Biochimica Et Biophysica Acta - Bioenergetics, 2005, 1709, 95-103.	0.5	8
112	Respiratory Chains from Aerobic Thermophilic Prokaryotes. Journal of Bioenergetics and Biomembranes, 2004, 36, 93-105.	1.0	35
113	Investigation of protonatable residues in Rhodothermus marinus caa 3 haem-copper oxygen reductase: comparison with Paracoccus denitrificans aa 3 haem-copper oxygen reductase. Journal of Biological Inorganic Chemistry, 2004, 9, 124-134.	1.1	21
114	Studies on the degradation pathway of iron-sulfur centers during unfolding of a hyperstable ferredoxin: cluster dissociation, iron release and protein stability. Journal of Biological Inorganic Chemistry, 2004, 9, 987-996.	1.1	21
115	Trichomonas vaginalis degrades nitric oxide and expresses a flavorubredoxin-like protein: a new pathogenic mechanism?. Cellular and Molecular Life Sciences, 2004, 61, 618-623.	2.4	50
116	A Thermal Unfolding Study of Plastocyanin from the Thermophilic Cyanobacterium Phormidium laminosum. Biochemistry, 2004, 43, 14784-14791.	1.2	17
117	The sulphur oxygenase reductase from Acidianus ambivalens is a multimeric protein containing a low-potential mononuclear non-haem iron centre. Biochemical Journal, 2004, 381, 137-146.	1.7	57
118	Proton pathways, ligand binding and dynamics of the catalytic site in haem-copper oxygen reductases: a comparison between the three families. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1655, 340-346.	0.5	46
119	Active site structure of the aa3 quinol oxidase of Acidianus ambivalens. Biochimica Et Biophysica Acta - Bioenergetics, 2004, 1655, 306-320.	0.5	17
120	The Role of the Flavodiiron Proteins in Microbial Nitric Oxide Detoxification. Advances in Microbial Physiology, 2004, 49, 77-129.	1.0	81
121	New Insights into Type II NAD(P)H:Quinone Oxidoreductases. Microbiology and Molecular Biology Reviews, 2004, 68, 603-616.	2.9	224
122	Coupling of the pathway of sulphur oxidation to dioxygen reduction: characterization of a novel membrane-bound thiosulphate:quinone oxidoreductase. Molecular Microbiology, 2004, 53, 1147-1160.	1.2	160
123	Docking and electron transfer studies between rubredoxin and rubredoxin:oxygen oxidoreductase. Journal of Biological Inorganic Chemistry, 2003, 8, 475-488.	1.1	20
124	Regulation of the flavorubredoxin nitric oxide reductase gene inEscherichia coli: nitrate repression, nitrite induction, and possible post-transcription control. FEMS Microbiology Letters, 2003, 218, 385-393.	0.7	33
125	The nature of the di-iron site in the bacterioferritin from Desulfovibrio desulfuricans. Nature Structural and Molecular Biology, 2003, 10, 285-290.	3.6	106
126	Reduced hybrid cluster proteins (HCP) from Desulfovibrio desulfuricans ATCC 27774 and Desulfovibrio vulgaris (Hildenborough): X-ray structures at high resolution using synchrotron radiation. Journal of Biological Inorganic Chemistry, 2003, 8, 540-548.	1.1	41

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127	FTIR Spectroscopic Characterization of the Cytochromeaa3fromAcidianus ambivalens:Â Evidence for the Involvement of Acidic Residues in Redox Coupled Proton Translocationâ€. Biochemistry, 2003, 42, 6179-6184.	1.2	13
128	Is a Q-cycle-like mechanism operative in dihaemic succinate:quinone and quinol:fumarate oxidoreductases?. FEBS Letters, 2003, 543, 1-4.	1.3	7
129	The respiratory chain of the thermophilic archaeon Sulfolobus metallicus: studies on the type-II NADH dehydrogenase. Biochimica Et Biophysica Acta - Bioenergetics, 2003, 1557, 13-19.	0.5	20
130	A novel membrane-bound respiratory complex from Desulfovibrio desulfuricans ATCC 27774. Biochimica Et Biophysica Acta - Bioenergetics, 2003, 1605, 67-82.	0.5	104
131	A novel iron centre in the split-Soret cytochrome c from Desulfovibrio desulfuricans ATCC 27774. Journal of Biological Inorganic Chemistry, 2003, 8, 360-370.	1.1	20
132	A Novel Type of Nitric-oxide Reductase. Journal of Biological Chemistry, 2002, 277, 25273-25276.	1.6	176
133	Quinol:fumarate oxidoreductases and succinate:quinone oxidoreductases: phylogenetic relationships, metal centres and membrane attachment. Biochimica Et Biophysica Acta - Bioenergetics, 2002, 1553, 158-170.	0.5	96
134	Module fusion in an A-type flavoprotein from the cyanobacterium Synechocystis condenses a multiple-component pathway in a single polypeptide chain. Biochemical and Biophysical Research Communications, 2002, 294, 82-87.	1.0	101
135	Acidianus ambivalenstype-II NADH dehydrogenase: genetic characterisation and identification of the flavin moiety as FMN. FEBS Letters, 2002, 531, 273-277.	1.3	27
136	Plasticity of proton pathways in haem-copper oxygen reductases. FEBS Letters, 2002, 522, 14-18.	1.3	35
137	Molecular and Biochemical Characterization of a Highly Stable Bacterial Laccase That Occurs as a Structural Component of the Bacillus subtilis Endospore Coat. Journal of Biological Chemistry, 2002, 277, 18849-18859.	1.6	456
138	Formation of a linear [3Fe-4S] cluster in a seven-iron ferredoxin triggered by polypeptide unfolding. Journal of Biological Inorganic Chemistry, 2002, 7, 357-362.	1.1	23
139	An archaeal b-type cytochrome containing a nonfunctional carbonic anhydrase-like domain. Journal of Biological Inorganic Chemistry, 2002, 7, 483-489.	1.1	3
140	Hybrid cluster proteins (HCPs) from Desulfovibrio desulfuricans ATCC 27774 and Desulfovibrio vulgaris (Hildenborough): X-ray structures at 1.25ÂÃ... resolution using synchrotron radiation. Journal of Biological Inorganic Chemistry, 2002, 7, 514-525.	1.1	32
141	A ferredoxin from the thermohalophilic bacterium Rhodothermus marinus. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2002, 1601, 1-8.	1.1	13
142	Superoxide scavenging by neelaredoxin: dismutation and reduction activities in anaerobes. Journal of Biological Inorganic Chemistry, 2002, 7, 668-674.	1.1	29
143	The quinol:fumarate oxidoreductase from the sulphate reducing bacterium Desulfovibrio gigas: spectroscopic and redox studies. Journal of Bioenergetics and Biomembranes, 2002, 34, 21-30.	1.0	25
144	Purification and characterization of the complex I from the respiratory chain of Rhodothermus marinus. Journal of Bioenergetics and Biomembranes, 2002, 34, 413-421.	1.0	21

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146	The â€˜strictâ€™ anaerobeDesulfovibrio gigascontains a membrane-bound oxygen-reducing respiratory chain. FEBS Letters, 2001, 496, 40-43.	1.3	101
147	Heme-copper oxidases with modified D- and K-pathways are yet efficient proton pumps. FEBS Letters, 2001, 497, 159-164.	1.3	36
148	Kinetics of electron and proton transfer during O 2 reduction in cytochrome aa 3 from A. ambivalens : an enzyme lacking Glu(I-286). Biochimica Et Biophysica Acta - Bioenergetics, 2001, 1503, 261-270.	0.5	11
149	A novel scenario for the evolution of haemâ€“copper oxygen reductases. Biochimica Et Biophysica Acta - Bioenergetics, 2001, 1505, 185-208.	0.5	408
150	Ligand Binding and the Catalytic Reaction of Cytochromecaa3from the Thermophilic BacteriumRhodothermus marinusâ€. Biochemistry, 2001, 40, 10578-10585.	1.2	12
151	The genetic organization of Desulfovibrio desulphuricans ATCC 27774 bacterioferritin and rubredoxin-2 genes: involvement of rubredoxin in iron metabolism. Molecular Microbiology, 2001, 41, 217-227.	1.2	24
152	Could a Diiron-Containing Four-Helix-Bundle Protein Have Been a Primitive Oxygen Reductase?. ChemBioChem, 2001, 2, 583-587.	1.3	40
153	A Membrane-Bound Cytochromec3: A Type II Cytochromec3 fromDesulfovibrio vulgaris Hildenborough. ChemBioChem, 2001, 2, 895-905.	1.3	66
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