

Antonio J Pierik

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

121
papers

7,858
citations

52
h-index

86
g-index

129
ext. papers

8,708
ext. citations

7.7
avg, IF

5.54
L-index

#	Paper	IF	Citations
121	Electron inventory of the iron-sulfur scaffold complex HypCD essential in [NiFe]-hydrogenase cofactor assembly. <i>Biochemical Journal</i> , 2021 , 478, 3281-3295	3.8	1
120	Turn-on fluorescence sensors based on dynamic intramolecular N- β -coordination. <i>Organic Chemistry Frontiers</i> , 2020 , 7, 1437-1452	5.2	7
119	Low potential enzymatic hydride transfer via highly cooperative and inversely functionalized flavin cofactors. <i>Nature Communications</i> , 2019 , 10, 2074	17.4	12
118	Apd1 and Aim32 Are Prototypes of Bishistidinyl-Coordinated Non-Rieske [2Fe-2S] Proteins. <i>Journal of the American Chemical Society</i> , 2019 , 141, 5753-5765	16.4	14
117	Glycine Betaine and Ectoine Are the Major Compatible Solutes Used by Four Different Halophilic Heterotrophic Ciliates. <i>Microbial Ecology</i> , 2019 , 77, 317-331	4.4	7
116	Phenothiazine electrophores immobilized on periodic mesoporous organosilicas by ion exchange. <i>New Journal of Chemistry</i> , 2019 , 43, 16396-16410	3.6	1
115	Characterization of Mycobacterium tuberculosis ferredoxin with Mössbauer spectroscopy. <i>Hyperfine Interactions</i> , 2019 , 240, 1	0.8	1
114	Identification of osmoadaptive strategies in the halophile, heterotrophic ciliate Schmidingerothrix salinarum. <i>PLoS Biology</i> , 2018 , 16, e2003892	9.7	31
113	Branched late-steps of the cytosolic iron-sulphur cluster assembly machinery of Trypanosoma brucei. <i>PLoS Pathogens</i> , 2018 , 14, e1007326	7.6	2
112	Biochemical Reconstitution and Spectroscopic Analysis of Iron-Sulfur Proteins. <i>Methods in Enzymology</i> , 2018 , 599, 197-226	1.7	42
111	Intramolecular N- β Coordination as a Stabilizing Scaffold for π -Conjugated Radical Anions with Tunable Redox Potentials. <i>Organometallics</i> , 2017 , 36, 2527-2535	3.8	24
110	Phthaloyl-coenzyme A decarboxylase from Thaueria chlorobenzoica: the prenylated flavin-, K - and Fe -dependent key enzyme of anaerobic phthalate degradation. <i>Environmental Microbiology</i> , 2017 , 19, 3734-3744	5.2	21
109	The conserved protein Dre2 uses essential [2Fe-2S] and [4Fe-4S] clusters for its function in cytosolic iron-sulfur protein assembly. <i>Biochemical Journal</i> , 2016 , 473, 2073-85	3.8	29
108	ATP-Dependent Electron Activation Module of Benzoyl-Coenzyme A Reductase from the Hyperthermophilic Archaeon Ferroglobus placidus. <i>Biochemistry</i> , 2016 , 55, 5578-5586	3.2	9
107	Roles of the Nfu Fe-S targeting factors in the trypanosome mitochondrion. <i>International Journal for Parasitology</i> , 2016 , 46, 641-51	4.3	7
106	The basic leucine zipper stress response regulator Yap5 senses high-iron conditions by coordination of [2Fe-2S] clusters. <i>Molecular and Cellular Biology</i> , 2015 , 35, 370-8	4.8	37
105	The role of mitochondria and the CIA machinery in the maturation of cytosolic and nuclear iron-sulfur proteins. <i>European Journal of Cell Biology</i> , 2015 , 94, 280-91	6.1	135

104	Cyclopentadienide Ligand CpCIPossessing Intrinsic Helical Chirality and Its Ferrocene Analogues. <i>Organometallics</i> , 2015 , 34, 5374-5382	3.8	7
103	Structure of the Kti11/Kti13 heterodimer and its double role in modifications of tRNA and eukaryotic elongation factor 2. <i>Structure</i> , 2015 , 23, 149-160	5.2	31
102	Substrate-induced radical formation in 4-hydroxybutyryl coenzyme A dehydratase from <i>Clostridium aminobutyricum</i> . <i>Applied and Environmental Microbiology</i> , 2015 , 81, 1071-84	4.8	10
101	The deca-GX3 proteins Yae1-Lto1 function as adaptors recruiting the ABC protein Rli1 for iron-sulfur cluster insertion. <i>ELife</i> , 2015 , 4, e08231	8.9	42
100	Cytosolic iron-sulphur protein assembly is functionally conserved and essential in procyclic and bloodstream <i>Trypanosoma brucei</i> . <i>Molecular Microbiology</i> , 2014 , 93, 897-910	4.1	20
99	Crystal structures of nucleotide-free and glutathione-bound mitochondrial ABC transporter Atm1. <i>Science</i> , 2014 , 343, 1137-40	33.3	162
98	Maturation of cytosolic and nuclear iron-sulfur proteins. <i>Trends in Cell Biology</i> , 2014 , 24, 303-12	18.3	139
97	The Fe-reducing [NiFe]-hydrogenase complex from <i>Methanothermobacter marburgensis</i> , the first X-ray structure of a group 3 family member. <i>Journal of Molecular Biology</i> , 2014 , 426, 2813-26	6.5	40
96	The ferredoxin-like domain of the activating enzyme is required for generating a lasting glycy radical in 4-hydroxyphenylacetate decarboxylase. <i>Journal of Biological Inorganic Chemistry</i> , 2014 , 19, 1317-26	3.7	4
95	4-Hydroxyphenylacetate decarboxylase activating enzyme catalyses a classical S-adenosylmethionine reductive cleavage reaction. <i>Journal of Biological Inorganic Chemistry</i> , 2013 , 18, 633-43	3.7	11
94	Human CIA2A-FAM96A and CIA2B-FAM96B integrate iron homeostasis and maturation of different subsets of cytosolic-nuclear iron-sulfur proteins. <i>Cell Metabolism</i> , 2013 , 18, 187-98	24.6	114
93	Biochemical characterization of molybdenum cofactor-free nitrate reductase from <i>Neurospora crassa</i> . <i>Journal of Biological Chemistry</i> , 2013 , 288, 14657-14671	5.4	15
92	Requirements of the cytosolic iron-sulfur cluster assembly pathway in <i>Arabidopsis</i> . <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013 , 368, 20120259	5.8	36
91	Identification of FeS clusters in the glycy radical enzyme benzylsuccinate synthase via EPR and Mössbauer spectroscopy. <i>Journal of Biological Inorganic Chemistry</i> , 2012 , 17, 49-56	3.7	18
90	MMS19 assembles iron-sulfur proteins required for DNA metabolism and genomic integrity. <i>Science</i> , 2012 , 337, 195-9	33.3	200
89	A bridging [4Fe-4S] cluster and nucleotide binding are essential for function of the Cfd1-Nbp35 complex as a scaffold in iron-sulfur protein maturation. <i>Journal of Biological Chemistry</i> , 2012 , 287, 12365-78	5.4	78
88	The role of mitochondria in cellular iron-sulfur protein biogenesis and iron metabolism. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012 , 1823, 1491-508	4.9	357
87	Evidence for an oxygen-sensitive iron-sulfur cluster in an immature large subunit species of <i>Escherichia coli</i> [NiFe]-hydrogenase 2. <i>Biochemical and Biophysical Research Communications</i> , 2012 , 424, 158-63	3.4	16

86	CryB from <i>Rhodobacter sphaeroides</i> : a unique class of cryptochromes with new cofactors. <i>EMBO Reports</i> , 2012 , 13, 223-9	6.5	65
85	Eukaryotic DNA polymerases require an iron-sulfur cluster for the formation of active complexes. <i>Nature Chemical Biology</i> , 2011 , 8, 125-32	11.7	278
84	Substrate specificity of 2-hydroxyglutaryl-CoA dehydratase from <i>Clostridium symbiosum</i> : toward a bio-based production of adipic acid. <i>Biochemistry</i> , 2011 , 50, 3540-50	3.2	35
83	Identification and characterization of a novel-type ferric siderophore reductase from a gram-positive extremophile. <i>Journal of Biological Chemistry</i> , 2011 , 286, 2245-60	5.4	23
82	Specialized function of yeast Isa1 and Isa2 proteins in the maturation of mitochondrial [4Fe-4S] proteins. <i>Journal of Biological Chemistry</i> , 2011 , 286, 41205-41216	5.4	127
81	A photolyase-like protein from <i>Agrobacterium tumefaciens</i> with an iron-sulfur cluster. <i>PLoS ONE</i> , 2011 , 6, e26775	3.7	48
80	Homologous expression of the <i>nrdF</i> gene of <i>Corynebacterium ammoniagenes</i> strain ATCC 6872 generates a manganese-metallocofactor (R2F) and a stable tyrosyl radical (Y [•]) involved in ribonucleotide reduction. <i>FEBS Journal</i> , 2010 , 277, 4849-62	5.7	19
79	Tah18 transfers electrons to Dre2 in cytosolic iron-sulfur protein biogenesis. <i>Nature Chemical Biology</i> , 2010 , 6, 758-65	11.7	157
78	SufU is an essential iron-sulfur cluster scaffold protein in <i>Bacillus subtilis</i> . <i>Journal of Bacteriology</i> , 2010 , 192, 1643-51	3.5	73
77	Humans possess two mitochondrial ferredoxins, Fdx1 and Fdx2, with distinct roles in steroidogenesis, heme, and Fe/S cluster biosynthesis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 11775-80	11.5	174
76	A complex of 2-hydroxyisocaproyl-coenzyme A dehydratase and its activator from <i>Clostridium difficile</i> stabilized by aluminium tetrafluoride-adenosine diphosphate. <i>ChemPhysChem</i> , 2010 , 11, 1307-12	3.2	9
75	The ether-cleaving methyltransferase system of the strict anaerobe <i>Acetobacterium dehalogenans</i> : analysis and expression of the encoding genes. <i>Journal of Bacteriology</i> , 2009 , 191, 588-99	3.5	31
74	Human ind1, an iron-sulfur cluster assembly factor for respiratory complex I. <i>Molecular and Cellular Biology</i> , 2009 , 29, 6059-73	4.8	166
73	Analysis of iron-sulfur protein maturation in eukaryotes. <i>Nature Protocols</i> , 2009 , 4, 753-66	18.8	72
72	The Mo-Se active site of nicotinate dehydrogenase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 11055-60	11.5	39
71	Crucial role of conserved cysteine residues in the assembly of two iron-sulfur clusters on the CIA protein Nar1. <i>Biochemistry</i> , 2009 , 48, 4946-58	3.2	38
70	Crystal structure and putative mechanism of 3-methylitaconate-delta-isomerase from <i>Eubacterium barkeri</i> . <i>Journal of Molecular Biology</i> , 2009 , 391, 609-20	6.5	11
69	Electron paramagnetic resonance (EPR) spectroscopy of the stable-free radical in the native metallo-cofactor of the manganese-ribonucleotide reductase (Mn-RNR) of <i>Corynebacterium glutamicum</i> . <i>Free Radical Research</i> , 2009 , 43, 943-50	4	15

68	Chloroplast HCF101 is a scaffold protein for [4Fe-4S] cluster assembly. <i>Biochemical Journal</i> , 2009 , 425, 207-14	3.8	69
67	The iron-sulphur protein Ind1 is required for effective complex I assembly. <i>EMBO Journal</i> , 2008 , 27, 1736-46	4.6	135
66	An allylic ketyl radical intermediate in clostridial amino-acid fermentation. <i>Nature</i> , 2008 , 452, 239-42	50.4	55
65	Structural and kinetic properties of a beta-hydroxyacid dehydrogenase involved in nicotinate fermentation. <i>Journal of Molecular Biology</i> , 2008 , 382, 802-11	6.5	11
64	The crystal structure of enamidase: a bifunctional enzyme of the nicotinate catabolism. <i>Journal of Molecular Biology</i> , 2008 , 384, 837-47	6.5	7
63	Bacterial ApbC can bind and effectively transfer iron-sulfur clusters. <i>Biochemistry</i> , 2008 , 47, 8195-202	3.2	43
62	Synthesis and uptake of the compatible solutes ectoine and 5-hydroxyectoine by <i>Streptomyces coelicolor</i> A3(2) in response to salt and heat stresses. <i>Applied and Environmental Microbiology</i> , 2008 , 74, 7286-96	4.8	134
61	The essential cytosolic iron-sulfur protein Nbp35 acts without Cfd1 partner in the green lineage. <i>Journal of Biological Chemistry</i> , 2008 , 283, 35797-804	5.4	52
60	Human Nbp35 is essential for both cytosolic iron-sulfur protein assembly and iron homeostasis. <i>Molecular and Cellular Biology</i> , 2008 , 28, 5517-28	4.8	87
59	But-3-ene-1,2-diol: a mechanism-based active site inhibitor for coenzyme B12-dependent glycerol dehydratase. <i>ChemBioChem</i> , 2008 , 9, 2268-75	3.8	6
58	The Cfd1-Nbp35 complex acts as a scaffold for iron-sulfur protein assembly in the yeast cytosol. <i>Nature Chemical Biology</i> , 2007 , 3, 278-86	11.7	149
57	Dihydroorotate dehydrogenase from <i>Saccharomyces cerevisiae</i> : spectroscopic investigations with the recombinant enzyme throw light on catalytic properties and metabolism of fumarate analogues. <i>FEMS Yeast Research</i> , 2007 , 7, 897-904	3.1	13
56	Structure of the yeast WD40 domain protein Cia1, a component acting late in iron-sulfur protein biogenesis. <i>Structure</i> , 2007 , 15, 1246-57	5.2	59
55	Osmotically induced synthesis of the compatible solute hydroxyectoine is mediated by an evolutionarily conserved ectoine hydroxylase. <i>Journal of Biological Chemistry</i> , 2007 , 282, 31147-55	5.4	112
54	Mechanisms of iron-sulfur protein maturation in mitochondria, cytosol and nucleus of eukaryotes. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006 , 1763, 652-67	4.9	124
53	Mechanism-Based Inactivation of Coenzyme B12-Dependent 2-Methyleneglutarate Mutase by (Z)-Glutaconate and Buta-1,3-diene-2,3-dicarboxylate. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 3622-3626	2.3	7
52	The substrate radical of <i>Escherichia coli</i> oxygen-independent coproporphyrinogen III oxidase HemN. <i>Journal of Biological Chemistry</i> , 2006 , 281, 15727-34	5.4	67
51	Molecular and functional analysis of nicotinate catabolism in <i>Eubacterium barkeri</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006 , 103, 12341-6	11.5	49

50	Characterization of a new thermophilic spore photoproduct lyase from <i>Geobacillus stearothermophilus</i> (SplG) with defined lesion containing DNA substrates. <i>Journal of Biological Chemistry</i> , 2006 , 281, 36317-26	5.4	34
49	4-Hydroxyphenylacetate decarboxylases: properties of a novel subclass of glycyl radical enzyme systems. <i>Biochemistry</i> , 2006 , 45, 9584-92	3.2	61
48	Searching for intermediates in the carbon skeleton rearrangement of 2-methyleneglutarate to (R)-3-methylitaconate catalyzed by coenzyme B12-dependent 2-methyleneglutarate mutase from <i>Eubacterium barkeri</i> . <i>Biochemistry</i> , 2005 , 44, 10541-51	3.2	20
47	Nar1p, a conserved eukaryotic protein with similarity to Fe-only hydrogenases, functions in cytosolic iron-sulphur protein biogenesis. <i>Biochemical Society Transactions</i> , 2005 , 33, 86-9	5.1	31
46	Synthesis of (13)C-labeled gamma-hydroxybutyrates for EPR studies with 4-hydroxybutyryl-CoA dehydratase. <i>Bioorganic Chemistry</i> , 2005 , 33, 53-66	5.1	17
45	Si-face stereospecificity at C5 of coenzyme F420 for F420H2 oxidase from methanogenic Archaea as determined by mass spectrometry. <i>FEBS Journal</i> , 2005 , 272, 5337-42	5.7	5
44	Sodium ion pumps and hydrogen production in glutamate fermenting anaerobic bacteria. <i>Journal of Molecular Microbiology and Biotechnology</i> , 2005 , 10, 105-19	0.9	79
43	The essential WD40 protein Cia1 is involved in a late step of cytosolic and nuclear iron-sulfur protein assembly. <i>Molecular and Cellular Biology</i> , 2005 , 25, 10833-41	4.8	106
42	The eukaryotic P loop NTPase Nbp35: an essential component of the cytosolic and nuclear iron-sulfur protein assembly machinery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 3266-71	11.5	142
41	New glycyl radical enzymes catalysing key metabolic steps in anaerobic bacteria. <i>Biological Chemistry</i> , 2005 , 386, 981-8	4.5	96
40	Two distinct heterodisulfide reductase-like enzymes in the sulfate-reducing archaeon <i>Archaeoglobus profundus</i> . <i>FEBS Journal</i> , 2004 , 271, 1106-16		51
39	Subunit composition of the glycyl radical enzyme p-hydroxyphenylacetate decarboxylase. A small subunit, HpdC, is essential for catalytic activity. <i>FEBS Journal</i> , 2004 , 271, 2225-30		29
38	The hydrogenase-like Nar1p is essential for maturation of cytosolic and nuclear iron-sulphur proteins. <i>EMBO Journal</i> , 2004 , 23, 2105-15	13	182
37	Substrate specificities and electron paramagnetic resonance properties of benzylsuccinate synthases in anaerobic toluene and m-xylene metabolism. <i>Archives of Microbiology</i> , 2004 , 181, 155-62	3	41
36	A two [4Fe-4S]-cluster-containing ferredoxin as an alternative electron donor for 2-hydroxyglutaryl-CoA dehydratase from <i>Acidaminococcus fermentans</i> . <i>Archives of Microbiology</i> , 2003 , 179, 197-204	3	32
35	Synthesis of enantiomerically-pure [13C]aristeromycylcobalamin and its reactivity in dioldehydratase, glyceroldehydratase, ethanolamine ammonia-lyase and methylmalonyl-CoA mutase reactions. <i>Chemistry - A European Journal</i> , 2003 , 9, 652-60	4.8	10
34	Acryloyl-CoA reductase from <i>Clostridium propionicum</i> . An enzyme complex of propionyl-CoA dehydrogenase and electron-transferring flavoprotein. <i>FEBS Journal</i> , 2003 , 270, 902-10		89
33	Molecular characterization of phenyllactate dehydratase and its initiator from <i>Clostridium sporogenes</i> . <i>Molecular Microbiology</i> , 2002 , 44, 49-60	4.1	38

32	Rotation of the exo-methylene group of (R)-3-methylitaconate catalyzed by coenzyme B(12)-dependent 2-methyleneglutarate mutase from <i>Eubacterium barkeri</i> . <i>Journal of the American Chemical Society</i> , 2002 , 124, 14039-48	16.4	15
31	Adenosine triphosphate-induced electron transfer in 2-hydroxyglutaryl-CoA dehydratase from <i>Acidaminococcus fermentans</i> . <i>Biochemistry</i> , 2002 , 41, 5873-82	3.2	41
30	Biochemical characterisation and genetic analysis of aureocin A53, a new, atypical bacteriocin from <i>Staphylococcus aureus</i> . <i>Journal of Molecular Biology</i> , 2002 , 319, 745-56	6.5	89
29	Anaerobic initial reaction of n-alkanes in a denitrifying bacterium: evidence for (1-methylpentyl)succinate as initial product and for involvement of an organic radical in n-hexane metabolism. <i>Journal of Bacteriology</i> , 2001 , 183, 1707-15	3.5	198
28	The involvement of coenzyme A esters in the dehydration of (R)-phenyllactate to (E)-cinnamate by <i>Clostridium sporogenes</i> . <i>FEBS Journal</i> , 2000 , 267, 3874-84		46
27	Influence of the fusion of two subunits of the F420-non-reducing hydrogenase of <i>Methanococcus voltae</i> on its biochemical properties. <i>Archives of Microbiology</i> , 2000 , 174, 375-8	3	2
26	Carbon monoxide and cyanide as intrinsic ligands to iron in the active site of [NiFe]-hydrogenases. NiFe(CN) ₂ CO, Biology's way to activate H ₂ . <i>Journal of Biological Chemistry</i> , 1999 , 274, 3331-7	5.4	197
25	Nitric Oxide Binding to the Ferri- and Ferroheme States of Nitrophorin 1, a Reversible NO-Binding Heme Protein from the Saliva of the Blood-Sucking Insect, <i>Rhodnius prolixus</i> . <i>Journal of the American Chemical Society</i> , 1999 , 121, 128-138	16.4	147
24	A low-spin iron with CN and CO as intrinsic ligands forms the core of the active site in [Fe]-hydrogenases. <i>FEBS Journal</i> , 1998 , 258, 572-8		208
23	Characterization of the active site of a hydrogen sensor from <i>Alcaligenes eutrophus</i> . <i>FEBS Letters</i> , 1998 , 438, 231-5	3.8	53
22	Characterization of the photoconversion of green fluorescent protein with FTIR spectroscopy. <i>Biochemistry</i> , 1998 , 37, 16915-21	3.2	83
21	Trans/cis (Z/E) photoisomerization of the chromophore of photoactive yellow protein is not a prerequisite for the initiation of the photocycle of this photoreceptor protein. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1998 , 95, 7396-401	11.5	46
20	Difference Fourier Transform Infrared Evidence for Ester Bonds Linking the Heme Group in Myeloperoxidase, Lactoperoxidase, and Eosinophil Peroxidase. <i>Journal of the American Chemical Society</i> , 1997 , 119, 11542-11543	16.4	46
19	Biological activation of hydrogen. <i>Nature</i> , 1997 , 385, 126	50.4	367
18	Axial coordination and reduction potentials of the sixteen hemes in high-molecular-mass cytochrome c from <i>Desulfovibrio vulgaris</i> (Hildenborough). <i>FEBS Journal</i> , 1994 , 225, 311-9		8
17	The dissimilatory sulfite reductase from <i>Desulfosarcina variabilis</i> is a desulforubidin containing uncoupled metalated sirohemes and S = 9/2 iron-sulfur clusters. <i>Biochemistry</i> , 1993 , 32, 10323-30	3.2	52
16	A spectroelectrochemical study of factor F430 nickel(II/I) from methanogenic bacteria in aqueous solution. <i>Journal of the American Chemical Society</i> , 1993 , 115, 5651-5656	16.4	71
15	Redox properties and EPR spectroscopy of the P clusters of <i>Azotobacter vinelandii</i> MoFe protein. <i>FEBS Journal</i> , 1993 , 212, 51-61		102

14	Nigerythrin and rubrerythrin from <i>Desulfovibrio vulgaris</i> each contain two mononuclear iron centers and two dinuclear iron clusters. <i>FEBS Journal</i> , 1993 , 212, 237-45	61
13	The third subunit of desulfoviridin-type dissimilatory sulfite reductases. <i>FEBS Journal</i> , 1992 , 205, 111-5	58
12	Purification and biochemical characterization of a putative [6Fe-6S] prismatic-cluster-containing protein from <i>Desulfovibrio vulgaris</i> (Hildenborough). <i>FEBS Journal</i> , 1992 , 206, 697-704	66
11	Multi-frequency EPR and high-resolution Mössbauer spectroscopy of a putative [6Fe-6S] prismatic-cluster-containing protein from <i>Desulfovibrio vulgaris</i> (Hildenborough). Characterization of a supercluster and superspin model protein. <i>FEBS Journal</i> , 1992 , 206, 705-19	75
10	The primary structure of a protein containing a putative [6Fe-6S] prismatic cluster from <i>Desulfovibrio vulgaris</i> (Hildenborough). <i>FEBS Journal</i> , 1992 , 208, 435-42	31
9	Determination of the redox properties of the Rieske [2Fe-2S] cluster of bovine heart bc1 complex by direct electrochemistry of a water-soluble fragment. <i>FEBS Journal</i> , 1992 , 208, 685-91	84
8	Redox properties of the iron-sulfur clusters in activated Fe-hydrogenase from <i>Desulfovibrio vulgaris</i> (Hildenborough). <i>FEBS Journal</i> , 1992 , 209, 63-72	116
7	Overproduction of prismatic protein in <i>Desulfovibrio vulgaris</i> (Hildenborough): evidence for a second $S = 1/2$ -spin system in the one-electron reduced state. <i>FEBS Journal</i> , 1992 , 210, 983-8	18
6	Paramagnetic centers and acetyl-coenzyme A/CO exchange activity of carbon monoxide dehydrogenase from <i>Methanothrix soehngenii</i> . <i>FEBS Journal</i> , 1991 , 195, 385-91	38
5	$S = 9/2$ EPR signals are evidence against coupling between the heme and the Fe/S cluster prosthetic groups in <i>Desulfovibrio vulgaris</i> (Hildenborough) dissimilatory sulfite reductase. <i>FEBS Journal</i> , 1991 , 195, 505-16	93
4	EPR characterization of a high-spin system in carbon monoxide dehydrogenase from <i>Methanothrix soehngenii</i> . <i>FEBS Journal</i> , 1991 , 202, 1291-7	47
3	Novel electron paramagnetic resonance signals from an Fe/S protein containing six iron atoms. <i>Journal of the Chemical Society Faraday Transactions I</i> , 1989 , 85, 4083	52
2	Calcium-independent phospholipase A2 in rat tissue cytosols. <i>Lipids and Lipid Metabolism</i> , 1988 , 962, 345-53	42
1	Exchange of a single amino acid residue in the cryptophyte phycobiliprotein lyase GtCPES expands its substrate specificity	1