Paola Turano

List of Publications by Year
in descending order

162 papers	7,218 citations	53660 45 h-index	69108 77 g-index
175 all docs	175 docs citations	175 times ranked	6848 citing authors

#	Article	IF	Citations
1	Ferritin nanocomposites for the selective delivery of photosensitizing ruthenium-polypyridyl compounds to cancer cells. Inorganic Chemistry Frontiers, 2022, 9, 1070-1081.	3.0	14
2	Impact of the pre-examination phase on multicenter metabolomic studies. New Biotechnology, 2022, 68, 37-47.	2.4	10
3	Metabolite and lipoprotein profiles reveal sex-related oxidative stress imbalance in de novo drug-naive Parkinsonâ€™s disease patients. Npj Parkinson's Disease, 2022, 8, 14.	2.5	11
4	S1P Signalling Axis Is Necessary for Adiponectin-Directed Regulation of Electrophysiological Properties and Oxidative Metabolism in C2C12 Myotubes. Cells, 2022, 11, 713.	1.8	8
5	Serum or Plasma (and Which Plasma), That Is the Question. Journal of Proteome Research, 2022, 21, 1061-1072.	1.8	25
6	Serum NMR Profiling Reveals Differential Alterations in the Lipoproteome Induced by Pfizer-BioNTech Vaccine in COVID-19 Recovered Subjects and NaÃ¯ve Subjects. Frontiers in Molecular Biosciences, 2022, 9, 839809.	1.6	11
7	Profiling metabolites and lipoproteins in COMETA, an Italian cohort of COVID-19 patients. PLoS Pathogens, 2022, 18, e1010443.	2.1	30
8	NMR reveals the metabolic changes induced by auranofin in A2780 cancer cells: evidence for glutathione dysregulation. Dalton Transactions, 2021, 50, 6349-6355.	1.6	17
9	Metabolomic/lipidomic profiling of COVID-19 and individual response to tocilizumab. PLoS Pathogens, 2021, 17, e1009243.	2.1	76
10	A geroscience approach for Parkinsonâ€™s disease: Conceptual framework and design of PROPAG-AGEING project. Mechanisms of Ageing and Development, 2021, 194, 111426.	2.2	14
11	Prediagnostic circulating metabolites in female breast cancer cases with low and high mammographic breast density. Scientific Reports, 2021, 11, 13025.	1.6	10
12	Modelling hCDKL5 Heterologous Expression in Bacteria. Metabolites, 2021, 11, 491.	1.3	5
13	Metabolomic Fingerprints in Large Population Cohorts: Impact of Preanalytical Heterogeneity. Clinical Chemistry, 2021, 67, 1153-1155.	1.5	10
14	Iron Binding in the Ferroxidase Site of Human Mitochondrial Ferritin. Chemistry - A European Journal, 2021, 27, 14690-14701.	1.7	2
15	Direct detection of iron clusters in L ferritins through ESI-MS experiments. Dalton Transactions, 2021, 50, 16464-16467.	1.6	6
16	A framework for validating AI in precision medicine: considerations from the European ITFoC consortium. BMC Medical Informatics and Decision Making, 2021, 21, 274.	1.5	28
17	DNA damage response protein checkpoint kinase 2 (CHK2) links chromosomal instability to cellular metabolism in hepatocellular carcinoma (HCC). Journal of Hepatology, 2020, 73, S639-S640.	1.8	0
18	Distal Unfolding of Ferricytochrome c Induced by the F82K Mutation. International Journal of Molecular Sciences, 2020, 21, 2134.	1.8	7

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19	Plasma metabolome and cognitive skills in Down syndrome. Scientific Reports, 2020, 10, 10491.	1.6	23
20	Diauxie and co-utilization of carbon sources can coexist during bacterial growth in nutritionally complex environments. Nature Communications, 2020, 11, 3135.	5.8	51
21	Iron Biomineral Growth from the Initial Nucleation Seed in Lâ€Ferritin. Chemistry - A European Journal, 2020, 26, 5770-5773.	1.7	17
22	Fingerprinting Alzheimerâ€™s Disease by ¹H Nuclear Magnetic Resonance Spectroscopy of Cerebrospinal Fluid. Journal of Proteome Research, 2020, 19, 1696-1705.	1.8	32
23	Effect of Estrogen Receptor Status on Circulatory Immune and Metabolomics Profiles of HER2-Positive Breast Cancer Patients Enrolled for Neoadjuvant Targeted Chemotherapy. Cancers, 2020, 12, 314.	1.7	22
24	Highâ€Throughput Metabolomics by 1D NMR. Angewandte Chemie - International Edition, 2019, 58, 968-994.	7.2	254
25	Hochdurchsatzâ€Metabolomik mit 1Dâ€NMR. Angewandte Chemie, 2019, 131, 980-1007.	1.6	8
26	1H-NMR metabolomics reveals the Glabrescione B exacerbation of glycolytic metabolism beside the cell growth inhibitory effect in glioma. Cell Communication and Signaling, 2019, 17, 108.	2.7	30
27	Structural Biology of Iron-Binding Proteins by NMR Spectroscopy. European Journal of Inorganic Chemistry, 2019, 2019, 569-576.	1.0	4
28	Pre-analytical processes in medical diagnostics: New regulatory requirements and standards. New Biotechnology, 2019, 52, 121-125.	2.4	35
29	Effect of the point mutation H54N on the ferroxidase process of Rana catesbeiana Hâ€² ferritin. Journal of Inorganic Biochemistry, 2019, 197, 110697.	1.5	4
30	NMR for sample quality assessment in metabolomics. New Biotechnology, 2019, 52, 25-34.	2.4	49
31	About the use of 13C-13C NOESY in bioinorganic chemistry. Journal of Inorganic Biochemistry, 2019, 192, 25-32.	1.5	10
32	Uniqueness of the NMR approach to metabolomics. TrAC - Trends in Analytical Chemistry, 2019, 120, 115300.	5.8	103
33	Plasma and urinary metabolomic profiles of Down syndrome correlate with alteration of mitochondrial metabolism. Scientific Reports, 2018, 8, 2977.	1.6	80
34	Cancer cell death induced by ferritins and the peculiar role of their labile iron pool. Oncotarget, 2018, 9, 27974-27984.	0.8	12
35	Creation and Characterization of a Genomically Hybrid Strain in the Nitrogen-Fixing Symbiotic Bacterium <i>Sinorhizobium meliloti</i>. ACS Synthetic Biology, 2018, 7, 2365-2378.	1.9	24
36	Chemistry at the proteinâ€“mineral interface in L-ferritin assists the assembly of a functional (Î¼) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Academy of Sciences of the United States of America, 2017, 114, 2580-2585.	3.3	74

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37	NMR metabolomics highlights sphingosine kinaseâ€1 as a new molecular switch in the orchestration of aberrant metabolic phenotype in cancer cells. Molecular Oncology, 2017, 11, 517-533.	2.1	35
38	Structural basis of mitochondrial dysfunction in response to cytochrome <i>c</i> phosphorylation at tyrosine 48. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E3041-E3050.	3.3	53
39	Unsaturated Longâ€Chain Fatty Acids Are Preferred Ferritin Ligands That Enhance Iron Biomineralization. Chemistry - A European Journal, 2017, 23, 9879-9887.	1.7	10
40	Quality Matters: 2016 Annual Conference of the National Infrastructures for Biobanking. Biopreservation and Biobanking, 2017, 15, 270-276.	0.5	26
41	Investigation of the Iron(II) Release Mechanism of Human H-Ferritin as a Function of pH. Journal of Chemical Information and Modeling, 2017, 57, 2112-2118.	2.5	22
42	NMR of Paramagnetic Species. , 2017, , 164-169.		0
43	Targeting sphingosine kinase 1 localization as novel target for ovarian cancer therapy. Translational Cancer Research, 2017, 6, S1277-S1280.	0.4	4
44	Solidâ€State NMR of PEGylated Proteins. Angewandte Chemie - International Edition, 2016, 55, 2446-2449.	7.2	41
45	Solidâ€State NMR of PEGylated Proteins. Angewandte Chemie, 2016, 128, 2492-2495.	1.6	12
46	Electrostatic and Structural Bases of Fe2+ Translocation through Ferritin Channels. Journal of Biological Chemistry, 2016, 291, 25617-25628.	1.6	46
47	Insights into Interprotein Electron Transfer of Human Cytochrome <i>c</i> Variants Arranged in Multilayer Architectures by Means of an Artificial Silica Nanoparticle Matrix. ACS Omega, 2016, 1, 1058-1066.	1.6	11
48	Individual Human Metabolic Phenotype Analyzed by ¹H NMR of Saliva Samples. Journal of Proteome Research, 2016, 15, 1787-1793.	1.8	38
49	Ferroxidase Activity in Eukaryotic Ferritin is Controlled by Accessoryâ€Ironâ€Binding Sites in the Catalytic Cavity. Chemistry - A European Journal, 2016, 22, 16213-16219.	1.7	18
50	Modulating the permeability of ferritin channels. RSC Advances, 2016, 6, 21219-21227.	1.7	27
51	Multi-omic profiles of human non-alcoholic fatty liver disease tissue highlight heterogenic phenotypes. Scientific Data, 2015, 2, 150068.	2.4	48
52	The Da Vinci European BioBank: A Metabolomics-Driven Infrastructure. Journal of Personalized Medicine, 2015, 5, 107-119.	1.1	9
53	COordination of Standards in MetabOlomicS (COSMOS): facilitating integrated metabolomics data access. Metabolomics, 2015, 11, 1587-1597.	1.4	140
54	Metabolomics profiling of pre-and post-anesthesia plasma samples of colorectal patients obtained via Ficoll separation. Metabolomics, 2015, 11, 1769-1778.	1.4	32

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55	Iron binding to human heavy-chain ferritin. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 1909-1920.	2.5	68
56	Standardizing the experimental conditions for using urine in NMR-based metabolomic studies with a particular focus on diagnostic studies: a review. Metabolomics, 2015, 11, 872-894.	1.4	196
57	Is His54 a gating residue for the ferritin ferroxidase site?. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2015, 1854, 1118-1122.	1.1	17
58	The impact of free or standardized lifestyle and urine sampling protocol on metabolome recognition accuracy. Genes and Nutrition, 2015, 10, 441.	1.2	29
59	Time-lapse anomalous X-ray diffraction shows how Fe²⁺substrate ions move through ferritin protein nanocages to oxidoreductase sites. Acta Crystallographica Section D: Biological Crystallography, 2015, 71, 941-953.	2.5	49
60	Transient iron coordination sites in proteins: Exploiting the dual nature of paramagnetic NMR. Coordination Chemistry Reviews, 2015, 284, 313-328.	9.5	27
61	A Relay Network of Extracellular Heme-Binding Proteins Drives C. albicans Iron Acquisition from Hemoglobin. PLoS Pathogens, 2014, 10, e1004407.	2.1	87
62	Colorectal cancer: the potential of metabolic fingerprinting. Expert Review of Gastroenterology and Hepatology, 2014, 8, 847-849.	1.4	13
63	Loop Electrostatics Modulates the Intersubunit Interactions in Ferritin. ACS Chemical Biology, 2014, 9, 2517-2525.	1.6	18
64	Coordinating subdomains of ferritin protein cages with catalysis and biomineralization viewed from the C 4 cage axes. Journal of Biological Inorganic Chemistry, 2014, 19, 615-622.	1.1	18
65	Superoxide Reductase: Different Interaction Modes with its Two Redox Partners. ChemBioChem, 2013, 14, 1858-1866.	1.3	10
66	Solution and Solid State NMR Approaches To Draw Iron Pathways in the Ferritin Nanocage. Accounts of Chemical Research, 2013, 46, 2676-2685.	7.6	27
67	Mechanistic insights into the superoxideâ€“cytochromeÂc reaction by lysine surface scanning. Journal of Biological Inorganic Chemistry, 2013, 18, 429-440.	1.1	9
68	Effects of Intra- and Post-Operative Ischemia on the Metabolic Profile of Clinical Liver Tissue Specimens Monitored by NMR. Journal of Proteome Research, 2013, 12, 5723-5729.	1.8	39
69	Cytochrome c and superoxide: a reply. Journal of Biological Inorganic Chemistry, 2013, 18, 867-869.	1.1	0
70	Nuclear Magnetic Resonance as a Tool to Characterize the Interactome of Heme Proteins. Handbook of Porphyrin Science, 2013, , 179-219.	0.3	0
71	Role of the iron axial ligands of heme carrier HasA in heme uptake and release.. Journal of Biological Chemistry, 2013, 288, 2190.	1.6	1
72	Cage redesign explains assembly. Nature Chemical Biology, 2013, 9, 143-144.	3.9	9

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73	Electron self-exchange of cytochrome c measured<i>via</i>¹³Cdetected protonless NMR. Journal of Porphyrins and Phthalocyanines, 2013, 17, 142-149.	0.4	4
74	Soluble Variants of Human Recombinant Glutaminyl Cyclase. PLoS ONE, 2013, 8, e71657.	1.1	4
75	NMR as a Tool to Target Proteinâ€“Protein Interactions. , 2013, , 83-111.		0
76	A Systems Biology Approach to Deciphering the Etiology of Steatosis Employing Patient-Derived Dermal Fibroblasts and iPS Cells. Frontiers in Physiology, 2012, 3, 339.	1.3	22
77	Metabolomic NMR Fingerprinting to Identify and Predict Survival of Patients with Metastatic Colorectal Cancer. Cancer Research, 2012, 72, 356-364.	0.4	181
78	Role of the Iron Axial Ligands of Heme Carrier HasA in Heme Uptake and Release. Journal of Biological Chemistry, 2012, 287, 26932-26943.	1.6	32
79	What Can be Learned about the Structure and Dynamics of Biomolecules from NMR. , 2012, , 33-50.		1
80	Insights in the (un)structural organization of Bacillus pasteurii UreG, an intrinsically disordered GTPase enzyme. Molecular BioSystems, 2012, 8, 220-228.	2.9	44
81	NMR properties of sedimented solutes. Physical Chemistry Chemical Physics, 2012, 14, 439-447.	1.3	47
82	Structural Insights into the Ferroxidase Site of Ferritins from Higher Eukaryotes. Journal of the American Chemical Society, 2012, 134, 6169-6176.	6.6	90
83	Electroactive Multilayer Assemblies of Bilirubin Oxidase and Human Cytochrome C Mutants: Insight in Formation and Kinetic Behavior. Langmuir, 2011, 27, 4202-4211.	1.6	38
84	The Anti-Apoptotic Bcl-xL Protein, a New Piece in the Puzzle of Cytochrome C Interactome. PLoS ONE, 2011, 6, e18329.	1.1	44
85	Standard operating procedures for pre-analytical handling of blood and urine for metabolomic studies and biobanks. Journal of Biomolecular NMR, 2011, 49, 231-243.	1.6	285
86	Solid-state NMR of proteins sedimented by ultracentrifugation. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 10396-10399.	3.3	163
87	Fragmenting the S100Bâ€“p53 Interaction: Combined Virtual/Biophysical Screening Approaches to Identify Ligands. ChemMedChem, 2010, 5, 428-435.	1.6	22
88	NMR reveals pathway for ferric mineral precursors to the central cavity of ferritin. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 545-550.	3.3	143
89	Heme Acquisition by Hemophores: A Lesson from NMR. Handbook of Porphyrin Science, 2010, , 339-365.	0.3	1
90	Computational Study of the DNA-Binding Protein Helicobacter pylori NikR: The Role of Ni2+ 2 Francesco Musiani and Branimir BertoÅ¡a contributed equally to the simulations presented here.. Journal of Chemical Theory and Computation, 2010, 6, 3503-3515.	2.3	32

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91	<i>Helicobacter pylori</i> UreE, a urease accessory protein: specific Ni2+- and Zn2+-binding properties and interaction with its cognate UreG. Biochemical Journal, 2009, 422, 91-100.	1.7	83
92	Zn²⁺â€linked dimerization of UreG from <i>Helicobacter pylori</i>, a chaperone involved in nickel trafficking and urease activation. Proteins: Structure, Function and Bioinformatics, 2009, 74, 222-239.	1.5	73
93	Superoxide Biosensing with Engineered Cytochrome c. Procedia Chemistry, 2009, 1, 1287-1290.	0.7	2
94	Mapping the Interaction between the Hemophore HasA and Its Outer Membrane Receptor HasR Using CRINEPTâˆ'TROSY NMR Spectroscopy. Journal of the American Chemical Society, 2009, 131, 1736-1744.	6.6	39
95	Cytochrome <i>c</i> Mutants for Superoxide Biosensors. Analytical Chemistry, 2009, 81, 2976-2984.	3.2	42
96	Deciphering the Structural Role of Histidine 83 for Heme Binding in Hemophore HasA. Journal of Biological Chemistry, 2008, 283, 5960-5970.	1.6	45
97	Metalation of the Amyotrophic Lateral Sclerosis Mutant Glycine 37 to Arginine Superoxide Dismutase (SOD1) Apoprotein Restores Its Structural and Dynamical Properties in Solution to Those of Metalated Wild-Type SOD1. Biochemistry, 2007, 46, 9953-9962.	1.2	25
98	Cytochrome c and Organic Molecules:â€‰ Solution Structure of the p-Aminophenol Adductâ€,â€¡. Biochemistry, 2007, 46, 6232-6238.	1.2	10
99	A method for CÎ± direct-detection in protonless NMR. Journal of Magnetic Resonance, 2007, 188, 301-310.	1.2	52
100	13Câ€"13C NOESY spectra of a 480ÂkDa protein: solution NMR of ferritin. Journal of Biomolecular NMR, 2007, 38, 237-242.	1.6	56
101	Direct-Detected13C NMR to Investigate the Iron(III) Hemophore HasA. Journal of the American Chemical Society, 2006, 128, 150-158.	6.6	67
102	The Nickel Site of Bacillus pasteurii UreE, a Urease Metallo-Chaperone, As Revealed by Metal-Binding Studies and X-ray Absorption Spectroscopy. Biochemistry, 2006, 45, 6495-6509.	1.2	49
103	An Italian contribution to structural genomics: Understanding metalloproteins. Coordination Chemistry Reviews, 2006, 250, 1419-1450.	9.5	14
104	UreG, a Chaperone in the Urease Assembly Process, Is an Intrinsically Unstructured GTPase That Specifically Binds Zn2+. Journal of Biological Chemistry, 2005, 280, 4684-4695.	1.6	91
105	Fully Metallated S134N Cu,Zn-Superoxide Dismutase Displays Abnormal Mobility and Intermolecular Contacts in Solution. Journal of Biological Chemistry, 2005, 280, 35815-35821.	1.6	56
106	Conformational variability of matrix metalloproteinases: Beyond a single 3D structure. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 5334-5339.	3.3	143
107	1H nuclear magnetic relaxation dispersion of Cu,Zn superoxide dismutase in the native and guanidinium-induced unfolded forms. Biochemical and Biophysical Research Communications, 2005, 328, 633-639.	1.0	10
108	Cytochrome c folding / unfolding: a unifying picture. Journal of Porphyrins and Phthalocyanines, 2004, 08, 238-245.	0.4	4

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109	The reaction of artemisinin with hemin: a further insight into the mechanism. Inorganica Chimica Acta, 2004, 357, 4602-4606.	1.2	4
110	The stability of the cytochrome c scaffold as revealed by NMR spectroscopy. Journal of Inorganic Biochemistry, 2004, 98, 814-823.	1.5	17
111	Insights into Partially Folded or Unfolded States of Metalloproteins from Nuclear Magnetic Resonance. Inorganic Chemistry, 2004, 43, 7945-7952.	1.9	5
112	Cytochrome c and SDS: A Molten Globule Protein with Altered Axial Ligation. Journal of Molecular Biology, 2004, 336, 489-496.	2.0	33
113	The Magnetic Properties of Myoglobin as Studied by NMR Spectroscopy. Chemistry - A European Journal, 2003, 9, 2316-2322.	1.7	45
114	Validation of paramagnetic cross correlation rates for solution structure determination of high spin iron(III) heme proteins. Chemical Physics Letters, 2003, 373, 460-463.	1.2	16
115	NMR studies on partially folded and unfolded states of metalloproteins. Journal of Inorganic Biochemistry, 2003, 96, 31.	1.5	0
116	Structural Model for an Alkaline Form of Ferricytochromec. Journal of the American Chemical Society, 2003, 125, 2913-2922.	6.6	128
117	Superoxide Dismutase Folding/Unfolding Pathway: Role of the Metal Ions in Modulating Structural and Dynamical Features. Journal of Molecular Biology, 2003, 330, 145-158.	2.0	56
118	15N-1H Residual Dipolar Coupling Analysis of Native and Alkaline-K79A Saccharomyces cerevisiae Cytochrome c. Biophysical Journal, 2003, 84, 3917-3923.	0.2	47
119	The metal reductase activity of some multiheme cytochromes c: NMR structural characterization of the reduction of chromium(VI) to chromium(III) by cytochrome c7. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9750-9754.	3.3	51
120	The Unfolding of Oxidized c-Type Cytochromes: The Instructive Case of Bacillus pasteurii. Journal of Molecular Biology, 2002, 321, 693-701.	2.0	23
121	A quick solution structure determination of the fully oxidized double mutant K9-10A cytochrome c7 from Desulfuromonas acetoxidans and mechanistic implications. Journal of Biomolecular NMR, 2002, 22, 107-122.	1.6	10
122	Evidence that increases of mitochondrial immunoreactive IL-1Î² by HIV-1 gp120 implicatein situcleavage of pro-IL-1Î² in the neocortex of rat. Journal of Neurochemistry, 2001, 78, 611-618.	2.1	29
123	A further clue to understanding the mobility of mitochondrial yeast cytochrome c. FEBS Journal, 2001, 268, 4468-4476.	0.2	53
124	Dimethyl propionate ester heme-containing cytochrome b 5: structure and stability. Journal of Biological Inorganic Chemistry, 2001, 6, 490-503.	1.1	14
125	15N chemical shift changes in cytochromeÂb5: redox-dependent vs. guanidinium chloride-induced changes. Journal of Biological Inorganic Chemistry, 2000, 5, 761-764.	1.1	15
126	A proton-NMR investigation of the fully reduced cytochrome c7 from Desulfuromonas acetoxidans. Comparison between the reduced and the oxidized forms. FEBS Journal, 1999, 266, 634-643.	0.2	29

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127	Solution structure of reduced horse heart cytochrome c. Journal of Biological Inorganic Chemistry, 1999, 4, 21-31.	1.1	116
128	Three-dimensional solution structures of two DNA dodecamers through full relaxation matrix analysis. , 1999, 37, 564-572.		1
129	Solution structure of paramagnetic metalloproteins. Pure and Applied Chemistry, 1999, 71, 1717-1725.	0.9	11
130	800 MHz 1H NMR solution structure refinement of oxidized cytochrome c7 from Desulfuromonas acetoxidans. FEBS Journal, 1998, 256, 261-270.	0.2	36
131	Monitoring the conformational flexibility of cytochrome c at low ionic strength by 1H-NMR spectroscopy. FEBS Journal, 1998, 256, 271-278.	0.2	21
132	The Conformational Flexibility of Oxidized Cytochrome c Studied through Its Interaction with NH3 and at High Temperatures. European Journal of Inorganic Chemistry, 1998, 1998, 583-591.	1.0	25
133	Water-protein interaction in native and partially unfolded equine cytochrome c. Molecular Physics, 1998, 95, 797-808.	0.8	21
134	Solution Structure of OxidizedSaccharomyces cerevisiaeIso-1-cytochromecâ€‚â€¡. Biochemistry, 1997, 36, 8992-9001.	1.2	125
135	Solution Structure of Oxidized Horse Heart Cytochrome câ€‚âŠ¥. Biochemistry, 1997, 36, 9867-9877.	1.2	290
136	A Molecular Dynamics Study in Explicit Water of the Reduced and Oxidized forms of Yeast Iso-1-cytochrome c. Solvation and Dynamic Properties of the two Oxidation States. FEBS Journal, 1997, 249, 716-723.	0.2	22
137	Pseudocontact shifts as constraints for energy minimization and molecular dynamics calculations on solution structures of paramagnetic metalloproteins. , 1997, 29, 68-76.		99
138	Pseudocontact shifts as constraints for energy minimization and molecular dynamics calculations on solution structures of paramagnetic metalloproteins. , 1997, 29, 68.		1
139	Three-Dimensional Solution Structure of Saccharomyces cerevisiae Reduced Iso-1-cytochrome c. Biochemistry, 1996, 35, 13788-13796.	1.2	89
140	NMR characterization and solution structure determination of the oxidized cytochrome c7 from Desulfuromonas acetoxidans. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 14396-14400.	3.3	58
141	The use of pseudocontact shifts to refine solution structures of paramagnetic metalloproteins: Met80Ala cyano-cytochrome c as an example. Journal of Biological Inorganic Chemistry, 1996, 1, 117-126.	1.1	143
142	Can the axial ligand strength be monitored through spectroscopic measurements?. Journal of Biological Inorganic Chemistry, 1996, 1, 364-367.	1.1	21
143	pH, Electrolyte, and Substrate-Linked Variation in Active Site Structure of the Trp51Ala Variant of Cytochrome c Peroxidase. Biochemistry, 1995, 34, 13895-13905.	1.2	30
144	pH-dependent equilibria of yeast Met80Ala-iso-1-cytochrome c probed by NMR spectroscopy: a comparison with the wild-type protein. Chemistry and Biology, 1995, 2, 377-383.	6.2	39

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145	Paramagnetic 1H NMR Spectroscopy of the Cyanide Derivative of Met80Ala-iso-1-cytochrome c. Journal of the American Chemical Society, 1995, 117, 8067-8073.	6.6	54
146	Three-Dimensional Solution Structure of the Cyanide Adduct of a Variant of Saccharomyces cerevisiae Iso-1-cytochrome c Containing the Met80Ala Mutation. Identification of Ligand-Residue Interactions in the Distal Heme Cavity. Biochemistry, 1995, 34, 11385-11398.	1.2	65
147	The Hyperfine Coupling. , 1995, , 29-54.		3
148	Active Site Coordination Chemistry of the Cytochrome c Peroxidase Asp235Ala Variant: Spectroscopic and Functional Characterization. Biochemistry, 1994, 33, 7819-7829.	1.2	55
149	Frontiers in 2D NMR of paramagnetic metalloproteins. Applied Magnetic Resonance, 1993, 4, 461-476.	0.6	6
150	Nuclear magnetic resonance of paramagnetic metalloproteins. Chemical Reviews, 1993, 93, 2833-2932.	23.0	432
151	NMR investigation of isotopically labeled cyanide derivatives of lignin peroxidase and manganese peroxidase. Biochemistry, 1993, 32, 13483-13489.	1.2	27
152	Binding of horseradish, lignin, and manganese peroxidases to their respective substrates. Biochemistry, 1993, 32, 5825-5831.	1.2	64
153	Proton NMR investigation of manganese peroxidase from Phanerochaete chrysosporium. A comparison with other peroxidases. Biochemistry, 1992, 31, 10009-10017.	1.2	68
154	NOE and two-dimensional correlated 1H-NMR spectroscopy of cytochrome c' from Chromatium vinosum. FEBS Journal, 1992, 204, 107-112.	0.2	36
155	Role of Arg-143 in human Cu2Zn2SOD studied through anion binding. Inorganic Chemistry, 1991, 30, 3363-3364.	1.9	10
156	Comparative proton NMR study of ferric low-spin cytochrome c peroxidase and horseradish peroxidase. Inorganic Chemistry, 1991, 30, 4510-4516.	1.9	49
157	Applications of COSY to paramagnetic heme-containing systems. Journal of Magnetic Resonance, 1991, 95, 244-252.	0.5	10
158	An investigation of Cu2Zn2 superoxide dismutase and its Ile-137 mutant at high pH. European Biophysics Journal, 1991, 19, 141-6.	1.2	10
159	Proton NMR investigation into the basis for the relatively high redox potential of lignin peroxidase.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 6956-6960.	3.3	92
160	Application of 2D NMR techniques to paramagnetic systems. Inorganic Chemistry, 1990, 29, 4351-4353.	1.9	24
161	Proton NOE studies on dicopper(II) dicobalt(II) superoxide dismutase. Inorganic Chemistry, 1989, 28, 4650-4656.	1.9	140
162	Binding of fluoride to copper zinc superoxide dismutase. Inorganic Chemistry, 1989, 28, 2377-2381.	1.9	15