Stefano Ciurli

List of Publications by Year
in descending order

165 papers	7,558 citations	43973 48 h-index	69108 77 g-index
175 all docs	175 docs citations	175 times ranked	5389 citing authors

#	Article	IF	Citations
1	Inhibition of Urease, a Niâ€Enzyme: The Reactivity of a Key Thiol With Monoâ€•and Diâ€Substituted Catechols Elucidated by Kinetic, Structural, and Theoretical Studies. Angewandte Chemie - International Edition, 2021, 60, 6029-6035.	7.2	12
2	Inhibition of Urease, a Niâ€Enzyme: The Reactivity of a Key Thiol With Monoâ€•and Diâ€Substituted Catechols Elucidated by Kinetic, Structural, and Theoretical Studies. Angewandte Chemie, 2021, 133, 6094-6100.	1.6	3
3	Nickel as a virulence factor in the Class I bacterial carcinogen, Helicobacter pylori. Seminars in Cancer Biology, 2021, 76, 143-155.	4.3	14
4	Kinetic and structural analysis of the inactivation of urease by mixed-ligand phosphine halide Ag(I) complexes. Journal of Inorganic Biochemistry, 2021, 218, 111375.	1.5	10
5	Facilitating Nitrification Inhibition through Green, Mechanochemical Synthesis of a Novel Nitrapyrin Complex. Crystal Growth and Design, 2021, 21, 5792-5799.	1.4	10
6	Probing the transport of Ni(II) ions through the internal tunnels of the Helicobacter pylori UreDFG multimeric protein complex. Journal of Inorganic Biochemistry, 2021, 223, 111554.	1.5	6
7	Revisiting the CooJ family, a potential chaperone for nickel delivery to [NiFe]â€‘carbon monoxide dehydrogenase. Journal of Inorganic Biochemistry, 2021, 225, 111588.	1.5	1
8	Medicinal Au(<scp>i</scp>) compounds targeting urease as prospective antimicrobial agents: unveiling the structural basis for enzyme inhibition. Dalton Transactions, 2021, 50, 14444-14452.	1.6	10
9	Structure, dynamics, and function of SrnR, a transcription factor for nickel-dependent gene expression. Metallomics, 2021, 13, .	1.0	4
10	Nickel import and export in the human pathogen<i>Helicobacter pylori</i>, perspectives from molecular modelling. Metallomics, 2021, 13, .	1.0	6
11	Targeting the Protein Tunnels of the Urease Accessory Complex: A Theoretical Investigation. Molecules, 2020, 25, 2911.	1.7	13
12	Nickel and GTP Modulate Helicobacter pylori UreG Structural Flexibility. Biomolecules, 2020, 10, 1062.	1.8	9
13	The model structure of the copper-dependent ammonia monooxygenase. Journal of Biological Inorganic Chemistry, 2020, 25, 995-1007.	1.1	27
14	The structure-based reaction mechanism of urease, a nickel dependent enzyme: tale of a long debate. Journal of Biological Inorganic Chemistry, 2020, 25, 829-845.	1.1	92
15	Intrinsic disorder in the nickel-dependent urease network. Progress in Molecular Biology and Translational Science, 2020, 174, 307-330.	0.9	6
16	Multifunctional Urea Cocrystal with Combined Ureolysis and Nitrification Inhibiting Capabilities for Enhanced Nitrogen Management. ACS Sustainable Chemistry and Engineering, 2019, 7, 13369-13378.	3.2	32
17	The Impact of pH on Catalytically Critical Protein Conformational Changes: The Case of the Urease, a Nickel Enzyme. Chemistry - A European Journal, 2019, 25, 12145-12158.	1.7	21
18	Soyuretox, an Intrinsically Disordered Polypeptide Derived from Soybean (Glycine Max) Ubiquitous Urease with Potential Use as a Biopesticide. International Journal of Molecular Sciences, 2019, 20, 5401.	1.8	8

#	ARTICLE	IF	CITATIONS
19	A Solventâ€Exposed Cysteine Forms a Peculiar Ni II â€Binding Site in the Metallochaperone CooT from Rhodospirillum rubrum. Chemistry - A European Journal, 2019, 25, 15351-15360.	1.7	9
20	Urease Inhibitory Potential and Soil Ecotoxicity of Novel â€œPolyphenolsâ€"Deep Eutectic Solventsâ€• Formulations. ACS Sustainable Chemistry and Engineering, 2019, 7, 15558-15567.	3.2	23
21	The carbon monoxide dehydrogenase accessory protein CooJ is a histidine-rich multidomain dimer containing an unexpected Ni(II)-binding site. Journal of Biological Chemistry, 2019, 294, 7601-7614.	1.6	16
22	The Structure of the Elusive Ureaseâ€"Urea Complex Unveils the Mechanism of a Paradigmatic Nickelâ€Dependent Enzyme. Angewandte Chemie - International Edition, 2019, 58, 7415-7419.	7.2	66
23	The Structure of the Elusive Ureaseâ€"Urea Complex Unveils the Mechanism of a Paradigmatic Nickelâ€Dependent Enzyme. Angewandte Chemie, 2019, 131, 7493-7497.	1.6	7
24	Insights into Urease Inhibition by <i>N</i>-(<i>n</i>-Butyl) Phosphoric Triamide through an Integrated Structural and Kinetic Approach. Journal of Agricultural and Food Chemistry, 2019, 67, 2127-2138.	2.4	33
25	Bioinorganic Chemistry of Nickel. Inorganics, 2019, 7, 131.	1.2	5
26	Novel Dual-Action Plant Fertilizer and Urease Inhibitor: UreaÂ·Catechol Cocrystal. Characterization and Environmental Reactivity. ACS Sustainable Chemistry and Engineering, 2019, 7, 2852-2859.	3.2	42
27	Inhibition Mechanism of Urease by Au(III) Compounds Unveiled by X-ray Diffraction Analysis. ACS Medicinal Chemistry Letters, 2019, 10, 564-570.	1.3	30
28	An Evaluation of Maleicâ€Itaconic Copolymers as Urease Inhibitors. Soil Science Society of America Journal, 2018, 82, 994-1003.	1.2	9
29	Structure and dynamics of Helicobacter pylori nickel-chaperone HypA: an integrated approach using NMR spectroscopy, functional assays and computational tools. Journal of Biological Inorganic Chemistry, 2018, 23, 1309-1330.	1.1	20
30	The structure of urease inactivated by Ag(<scp>i</scp>): a new paradigm for enzyme inhibition by heavy metals. Dalton Transactions, 2018, 47, 8240-8247.	1.6	54
31	Targeting Helicobacter pylori urease activity and maturation: In-cell high-throughput approach for drug discovery. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 2245-2253.	1.1	28
32	Smart urea ionic co-crystals with enhanced urease inhibition activity for improved nitrogen cycle management. Chemical Communications, 2018, 54, 7637-7640.	2.2	41
33	Protein Tunnels: The Case of Urease Accessory Proteins. Journal of Chemical Theory and Computation, 2017, 13, 2322-2331.	2.3	25
34	The CO dehydrogenase accessory protein CooT is a novel nickel-binding protein. Metallomics, 2017, 9, 575-583.	1.0	19
35	Glutamate Ligation in the Ni(II)- and Co(II)-Responsive <i>Escherichia coli</i> Transcriptional Regulator, RcnR. Inorganic Chemistry, 2017, 56, 6459-6476.	1.9	16
36	Development of a multisite model for Ni(II) ion in solution from thermodynamic and kinetic data. Journal of Computational Chemistry, 2017, 38, 1834-1843.	1.5	11

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37	Urease Inhibition in the Presence of <i>N</i>-(<i>n</i>-Butyl)thiophosphoric Triamide, a Suicide Substrate: Structure and Kinetics. Biochemistry, 2017, 56, 5391-5404.	1.2	53
38	Structural analysis of the interaction between Jaburetox, an intrinsically disordered protein, and membrane models. Colloids and Surfaces B: Biointerfaces, 2017, 159, 849-860.	2.5	10
39	The relationship between folding and activity in UreG, an intrinsically disordered enzyme. Scientific Reports, 2017, 7, 5977.	1.6	34
40	Inactivation of urease by catechol: Kinetics and structure. Journal of Inorganic Biochemistry, 2017, 166, 182-189.	1.5	57
41	Isothermal Titration Calorimetry to Characterize Enzymatic Reactions. Methods in Enzymology, 2016, 567, 215-236.	0.4	20
42	Surface plasmon resonance and isothermal titration calorimetry to monitor the Ni(II)-dependent binding of Helicobacter pylori NikR to DNA. Analytical and Bioanalytical Chemistry, 2016, 408, 7971-7980.	1.9	14
43	Nickel impact on human health: An intrinsic disorder perspective. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2016, 1864, 1714-1731.	1.1	151
44	On the role of a specific insert in acetate permeases (ActP) for tellurite uptake in bacteria: Functional and structural studies. Journal of Inorganic Biochemistry, 2016, 163, 103-109.	1.5	10
45	Inactivation of urease by 1,4-benzoquinone: chemistry at the protein surface. Dalton Transactions, 2016, 45, 5455-5459.	1.6	61
46	Kinetic and structural studies reveal a unique binding mode of sulfite to the nickel center in urease. Journal of Inorganic Biochemistry, 2016, 154, 42-49.	1.5	42
47	Evolution of Macromolecular Docking Techniques: The Case Study of Nickel and Iron Metabolism in Pathogenic Bacteria. Molecules, 2015, 20, 14265-14292.	1.7	3
48	On the interaction of Helicobacter pylori NikR, aÂNi(II)-responsive transcription factor, with the urease operator: in solution and in silico studies. Journal of Biological Inorganic Chemistry, 2015, 20, 1021-1037.	1.1	18
49	Intrinsic disorder and metal binding in UreG proteins from Archae hyperthermophiles: GTPase enzymes involved in the activation of Ni(II) dependent urease. Journal of Biological Inorganic Chemistry, 2015, 20, 739-755.	1.1	19
50	Pliable natural biocide: Jaburetox is an intrinsically disordered insecticidal and fungicidal polypeptide derived from jack bean urease. FEBS Journal, 2015, 282, 1043-1064.	2.2	30
51	Nickel-responsive transcriptional regulators. Metallomics, 2015, 7, 1305-1318.	1.0	40
52	FeON-FeOFF: the Helicobacter pylori Fur regulator commutates iron-responsive transcription by discriminative readout of opposed DNA grooves. Nucleic Acids Research, 2014, 42, 3138-3151.	6.5	38
53	The conformational response to Zn(II) and Ni(II) binding of Sporosarcina pasteurii UreG, an intrinsically disordered GTPase. Journal of Biological Inorganic Chemistry, 2014, 19, 1341-1354.	1.1	22
54	Nickel binding properties of Helicobacter pylori UreF, an accessory protein in the nickel-based activation of urease. Journal of Biological Inorganic Chemistry, 2014, 19, 319-334.	1.1	40

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55	Fluoride inhibition of Sporosarcina pasteurii urease: structure and thermodynamics. Journal of Biological Inorganic Chemistry, 2014, 19, 1243-1261.	1.1	58
56	Molecular landscape of the interaction between the urease accessory proteins UreE and UreG. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2014, 1844, 1662-1674.	1.1	44
57	Promiscuous Nickel Import in Human Pathogens: Structure, Thermodynamics, and Evolution of Extracytoplasmic Nickel-Binding Proteins. Structure, 2014, 22, 1421-1432.	1.6	38
58	Nonredox Nickel Enzymes. Chemical Reviews, 2014, 114, 4206-4228.	23.0	235
59	Hot Biological Catalysis: Isothermal Titration Calorimetry to Characterize Enzymatic Reactions. Journal of Visualized Experiments, 2014, , .	0.2	7
60	Structure of the UreDâ€"UreFâ€"UreGâ€"UreE complex in Helicobacter pylori: a model study. Journal of Biological Inorganic Chemistry, 2013, 18, 571-577.	1.1	17
61	The crystal structure of Sporosarcina pasteurii urease in a complex with citrate provides new hints for inhibitor design. Journal of Biological Inorganic Chemistry, 2013, 18, 391-399.	1.1	49
62	Selectivity of Ni(II) and Zn(II) binding to Sporosarcina pasteurii UreE, a metallochaperone in the urease assembly: a calorimetric and crystallographic study. Journal of Biological Inorganic Chemistry, 2013, 18, 1005-1017.	1.1	21
63	Conformational Fluctuations of UreG, an Intrinsically Disordered Enzyme. Biochemistry, 2013, 52, 2949-2954.	1.2	33
64	Biogeochemical processes and geotechnical applications: progress, opportunities and challenges. Geotechnique, 2013, 63, 287-301.	2.2	591
65	Nickel and Human Health. Metal Ions in Life Sciences, 2013, 13, 321-357.	2.8	71
66	Urease. , 2013, , 2287-2292.		1
67	Crystallographic and X-ray absorption spectroscopic characterization of <i>Helicobacter pylori</i> UreE bound to Ni2+ and Zn2+ reveals a role for the disordered C-terminal arm in metal trafficking. Biochemical Journal, 2012, 441, 1017-1035.	1.7	52
68	Denaturant-Induced Conformational Transitions in Intrinsically Disordered Proteins. , 2012, 896, 197-213.		4
69	Insights in the (un)structural organization of Bacillus pasteurii UreG, an intrinsically disordered GTPase enzyme. Molecular BioSystems, 2012, 8, 220-228.	2.9	44
70	Engineered biosealant strains producing inorganic and organic biopolymers. Journal of Biotechnology, 2012, 161, 181-189.	1.9	19
71	Intrinsic Fluorescence of Intrinsically Disordered Proteins. Methods in Molecular Biology, 2012, 895, 435-440.	0.4	1
72	Metal Ion-Mediated DNA-Protein Interactions. Metal Ions in Life Sciences, 2012, 10, 135-170.	2.8	21

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73	Biochemical and structural studies on native and recombinant Glycine max UreG: a detailed characterization of a plant urease accessory protein. Plant Molecular Biology, 2012, 78, 461-475.	2.0	32
74	Unraveling the Helicobacter pylori UreG zinc binding site using X-ray absorption spectroscopy (XAS) and structural modeling. Journal of Biological Inorganic Chemistry, 2012, 17, 353-361.	1.1	32
75	Holo-Ni2+Helicobacter pylori NikR contains four square-planar nickel-binding sites at physiological pH. Dalton Transactions, 2011, 40, 7831.	1.6	28
76	Zinc Inhibition of Bacterial Cytochrome <i>bc</i>₁ Reveals the Role of Cytochrome <i>b</i> E295 in Proton Release at the Q_o Site. Biochemistry, 2011, 50, 4263-4272.	1.2	30
77	Chemistry of Ni²⁺ in Urease: Sensing, Trafficking, and Catalysis. Accounts of Chemical Research, 2011, 44, 520-530.	7.6	224
78	Model Structures of Helicobacter pylori UreD(H) Domains: A Putative Molecular Recognition Platform. Journal of Chemical Information and Modeling, 2011, 51, 1513-1520.	2.5	14
79	Interaction of Selenoprotein W with 14-3-3 Proteins: A Computational Approach. Journal of Proteome Research, 2011, 10, 968-976.	1.8	29
80	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
81	The RNA Hydrolysis and the Cytokinin Binding Activities of PR-10 Proteins Are Differently Performed by Two Isoforms of the Pru p 1 Peach Major Allergen and Are Possibly Functionally Related. Plant Physiology, 2009, 150, 1235-1247.	2.3	66
82	<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
83	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
84	High resolution crystal structure of Rubrivivax gelatinosus cytochrome câ€². Journal of Inorganic Biochemistry, 2008, 102, 1322-1328.	1.5	8
85	Structural Characterization of Binding of Cu(II) to Tau Protein. Biochemistry, 2008, 47, 10841-10851.	1.2	85
86	High-Affinity Ni2+ Binding Selectively Promotes Binding of Helicobacter pylori NikR to Its Target Urease Promoter. Journal of Molecular Biology, 2008, 383, 1129-1143.	2.0	63
87	The Ni2+ binding properties of Helicobacter pylori NikR. Chemical Communications, 2007, , 3649.	2.2	47
88	Biochemical Studies onMycobacterium tuberculosisUreG and Comparative Modeling Reveal Structural and Functional Conservation among the Bacterial UreG Familyâ€. Biochemistry, 2007, 46, 3171-3182.	1.2	56
89	Urease: Recent Insights on the Role of Nickel. , 2007, , 241-277.		11
90	A model-based proposal for the role of UreF as a GTPase-activating protein in the urease active site biosynthesis. Proteins: Structure, Function and Bioinformatics, 2007, 68, 749-761.	1.5	36

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91	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
92	Intrinsically Disordered Structure of Bacillus pasteurii UreG As Revealed by Steady-State and Time-Resolved Fluorescence Spectroscopy. Biochemistry, 2006, 45, 8918-8930.	1.2	47
93	An Italian contribution to structural genomics: Understanding metalloproteins. Coordination Chemistry Reviews, 2006, 250, 1419-1450.	9.5	14
94	Low-Temperature EPR and MÃ¶ssbauer Spectroscopy of Two Cytochromes with Hisâ€"Met Axial Coordination Exhibiting HALS Signals. ChemPhysChem, 2006, 7, 1258-1267.	1.0	17
95	Jack bean (Canavalia ensiformis) urease. Probing acidâ€"base groups of the active site by pH variation. Plant Physiology and Biochemistry, 2005, 43, 651-658.	2.8	74
96	High potential ironâ€"sulfur proteins and their role as soluble electron carriers in bacterial photosynthesis: tale of a discovery. Photosynthesis Research, 2005, 85, 115-131.	1.6	23
97	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
98	Structure of the Intermolecular Complex between Plastocyanin and Cytochrome f from Spinach*. Journal of Biological Chemistry, 2005, 280, 18833-18841.	1.6	20
99	Preparation and reactivity studies of synthetic microperoxidases containing b-type heme. Journal of Biological Inorganic Chemistry, 2004, 9, 385-395.	1.1	44
100	Nickel trafficking: insights into the fold and function of UreE, a urease metallochaperone. Journal of Inorganic Biochemistry, 2004, 98, 803-813.	1.5	43
101	The Asn 38â"Cys 84 H-Bond in Plastocyanin. Journal of Physical Chemistry B, 2004, 108, 7495-7499.	1.2	7
102	Molecular Details of Urease Inhibition by Boric Acid:Â Insights into the Catalytic Mechanism. Journal of the American Chemical Society, 2004, 126, 3714-3715.	6.6	142
103	Electron Transfer from HiPIP to the Photooxidized Tetraheme Cytochrome Subunit of Allochromatium vinosum Reaction Center:â€‰ New Insights from Site-Directed Mutagenesis and Computational Studies. Biochemistry, 2004, 43, 437-445.	1.2	10
104	Structure ofRhodoferax fermentanshigh-potential ironâ€"sulfur protein solved by MAD. Acta Crystallographica Section D: Biological Crystallography, 2003, 59, 1582-1588.	2.5	12
105	Structural Basis for the Molecular Properties of Cytochromec6â€. Biochemistry, 2002, 41, 14689-14699.	1.2	24
106	New Insights into the Mechanism of Purple Acid Phosphatase through1H NMR Spectroscopy of the Recombinant Human Enzyme. Journal of the American Chemical Society, 2002, 124, 13974-13975.	6.6	19
107	Molecular characterization of Bacillus pasteurii UreE, a metal-binding chaperone for the assembly of the urease active site. Journal of Biological Inorganic Chemistry, 2002, 7, 623-631.	1.1	39
108	NMR Solution Structure, Backbone Mobility, and Homology Modeling ofc-Type Cytochromes from Gram-Positive Bacteria. ChemBioChem, 2002, 3, 299-310.	1.3	23

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109	The First Solution Structure of a Paramagnetic Copper(II) Protein:Â The Case of Oxidized Plastocyanin from the CyanobacteriumSynechocystisPCC6803. Journal of the American Chemical Society, 2001, 123, 2405-2413.	6.6	65
110	Structure-based computational study of the catalytic and inhibition mechanisms of urease. Journal of Biological Inorganic Chemistry, 2001, 6, 300-314.	1.1	110
111	Structure-based rationalization of urease inhibition by phosphate: novel insights into the enzyme mechanism. Journal of Biological Inorganic Chemistry, 2001, 6, 778-790.	1.1	132
112	Backbone Dynamics of Plastocyanin in Both Oxidation States. Journal of Biological Chemistry, 2001, 276, 47217-47226.	1.6	50
113	Structural Basis for Ni2+Transport and Assembly of the Urease Active Site by the Metallochaperone UreE from Bacillus pasteurii. Journal of Biological Chemistry, 2001, 276, 49365-49370.	1.6	74
114	The complex of Bacillus pasteurii urease with acetohydroxamate anion from X-ray data at 1.55â€‰Ã… resolution. Journal of Biological Inorganic Chemistry, 2000, 5, 110-118.	1.1	169
115	Crystal Structure of OxidizedBacillus pasteuriiCytochromec553at 0.97-Ã… Resolutionâ€. Biochemistry, 2000, 39, 13115-13126.	1.2	59
116	Structural properties of the nickel ions in urease: novel insights into the catalytic and inhibition mechanisms. Coordination Chemistry Reviews, 1999, 190-192, 331-355.	9.5	147
117	A new proposal for urease mechanism based on the crystal structures of the native and inhibited enzyme from Bacillus pasteurii: why urea hydrolysis costs two nickels. Structure, 1999, 7, 205-216.	1.6	462
118	On the role of high-potential ironâ€“sulfur proteins and cytochromes in the respiratory chain of two facultative phototrophs. Biochimica Et Biophysica Acta - Bioenergetics, 1999, 1410, 51-60.	0.5	18
119	High-Field NMR Studies of Oxidized Blue Copper Proteins:Â The Case of Spinach Plastocyanin. Journal of the American Chemical Society, 1999, 121, 2037-2046.	6.6	105
120	Probing Structural and Electronic Properties of the Oxidized [Fe4S4]3+Cluster ofEctothiorhodospirahalophilaiso-II High-Potential Ironâˆ'Sulfur Protein by ENDOR Spectroscopy. Journal of the American Chemical Society, 1999, 121, 1925-1935.	6.6	36
121	Cytochrome c-553 from the Alkalophilic Bacterium Bacillus pasteurii Has the Primary Structure Characteristics of a Lipoprotein. Biochemical and Biophysical Research Communications, 1999, 264, 380-387.	1.0	11
122	On the Role of Soluble Redox Carriers Alternative to Cytochrome c2 As Donors to Tetraheme-Type Reaction Centers and Cytochrome Oxidases. , 1999, , 293-302.		1
123	The complex of Bacillus pasteurii urease with Î²-mercaptoethanol from X-ray data at 1.65-Ã… resolution. Journal of Biological Inorganic Chemistry, 1998, 3, 268-273.	1.1	119
124	Modulation of Bacillus pasteurii cytochrome c 553 reduction potential by structural and solution parameters. Journal of Biological Inorganic Chemistry, 1998, 3, 371-382.	1.1	28
125	Kinetic properties and stability of potato acid phosphatase immobilized on Ca-polygalacturonate. Biology and Fertility of Soils, 1998, 27, 97-103.	2.3	17
126	Crystallization and preliminary X-ray diffraction analysis of cytochromecâ€² fromRubrivivax gelatinosusat 1.3â€…Ã… resolution. Acta Crystallographica Section D: Biological Crystallography, 1998, 54, 284-287.	2.5	0

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127	Crystallization and preliminary high-resolution X-ray diffraction analysis of native and Î²-mercaptoethanol-inhibited urease from Bacillus pasteurii. Acta Crystallographica Section D: Biological Crystallography, 1998, 54, 409-412.	2.5	21
128	Immobilization of jack bean urease on hydroxyapatite: urease immobilization in alkaline soils. Soil Biology and Biochemistry, 1998, 30, 1485-1490.	4.2	63
129	Coordination sphere versus protein environment as determinants of electronic and functional properties of iron-sulfur proteins. Structure and Bonding, 1998, , 127-160.	1.0	44
130	The Primary Structure of Rhodoferax fermentans High-Potential Iron-Sulfur Protein, an Electron Donor to the Photosynthetic Reaction Center. FEBS Journal, 1997, 244, 371-377.	0.2	7
131	Title is missing!. Photosynthesis Research, 1997, 53, 13-21.	1.6	17
132	Crystals of cytochrome c-553 fromBacillus pasteurii show diffraction to 0.97 Ã¥ resolution. Proteins: Structure, Function and Bioinformatics, 1997, 28, 580-585.	1.5	8
133	Cyclic voltammetry and spectroelectrochemistry of cytochrome c8 from Rubrivivax gelatinosus. Implications in photosynthetic electron transfer. Inorganica Chimica Acta, 1997, 263, 379-384.	1.2	5
134	Crystals of cytochrome c-553 from Bacillus pasteurii show diffraction to 0.97 A resolution. Proteins: Structure, Function and Bioinformatics, 1997, 28, 580-5.	1.5	0
135	Bacillus pasteurii urease: A heteropolymeric enzyme with a binuclear nickel active site. Soil Biology and Biochemistry, 1996, 28, 819-821.	4.2	55
136	Urease from the soil bacterium Bacillus pasteurii: Immobilization on Ca-polygalacturonate. Soil Biology and Biochemistry, 1996, 28, 811-817.	4.2	92
137	Kinetics of photo-induced electron transfer from high-potential iron-sulfur protein to the photosynthetic reaction center of the purple phototroph Rhodoferax fermentans.. Proceedings of the National Academy of Sciences of the United States of America, 1996, 93, 6998-7002.	3.3	68
138	1H NMR of High-Potential Iron-Sulfur Protein from the Purple Non-Sulfur Bacterium Rhodoferax fermentans. FEBS Journal, 1996, 236, 405-411.	0.2	14
139	X-ray Absorption Spectroscopy Study of Native and Phenylphosphorodiamidate-Inhibited Bacillus pasteurii Urease. FEBS Journal, 1996, 239, 61-66.	0.2	31
140	Rationalization of the reduction potentials within the series of the high potential iron-sulfur proteins. Inorganica Chimica Acta, 1995, 240, 251-256.	1.2	23
141	The electronic structure of FeS centers in proteins and models a contribution to the understanding of their electron transfer properties. Structure and Bonding, 1995, , 1-53.	1.0	91
142	Oxidized and Reduced [Fe2Q2] (Q = S, Se) Cores of Spinach Ferredoxin: a Comparative Study Using 1H NMR Spectroscopy. Inorganic Chemistry, 1995, 34, 417-420.	1.9	12
143	Isolation, Characterization, and Functional Role of the High-Potential Iron-Sulfur Protein (HiPIP) from Rhodoferax fermentans. Archives of Biochemistry and Biophysics, 1995, 322, 313-318.	1.4	29
144	The high potential iron-sulfur protein (HiPIP) fromRhodoferax fermentansis competent in photosynthetic electron transfer. FEBS Letters, 1995, 357, 70-74.	1.3	62

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145	Electronic structure of the [Fe4Se4]3+ clusters in C. vinosum HiPIP and Ectothiorhodospiza halophila HiPIP II through NMR and EPR studies. Journal of the American Chemical Society, 1993, 115, 12020-12028.	6.6	26
146	The iron-sulfur cluster in the oxidized high-potential iron protein from Ectothiorhodospira halophila. Journal of the American Chemical Society, 1993, 115, 3431-3440.	6.6	69
147	The electronic structure of iron-sulfur [Fe4S4]3+ clusters in proteins. An investigation of the oxidized high-potential iron-sulfur protein II from Ectothiorhodospira vacuolata. Biochemistry, 1993, 32, 9387-9397.	1.2	86
148	NMR of Polymetallic Systems in Proteins. Biological Magnetic Resonance, 1993, , 357-420.	0.4	21
149	On the structure of the nickel/iron/sulfur center of the carbon monoxide dehydrogenase from Rhodospirillum rubrum: an x-ray absorption spectroscopy study.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 4427-4431.	3.3	56
150	Synthetic nickel-containing heterometal cubane-type clusters with NiFe3Q4 cores (Q = sulfur,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 542	6.6	72
151	Identification of the iron ions of high potential iron protein from Chromatium vinosum within the protein frame through two-dimensional NMR experiments. Journal of the American Chemical Society, 1992, 114, 3332-3340.	6.6	97
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