Paul A Lindahl

List of Publications by Year
in descending order

125 papers	5,119 citations	76196 40 h-index	110170 64 g-index
127 all docs	127 docs citations	127 times ranked	2895 citing authors

#	Article	IF	Citations
1	Ni-Zn-[Fe4-S4] and Ni-Ni-[Fe4-S4] clusters in closed and open Î± subunits of acetyl-CoA synthase/carbon monoxide dehydrogenase. Nature Structural and Molecular Biology, 2003, 10, 271-279.	3.6	418
2	The Ni-Containing Carbon Monoxide Dehydrogenase Family:Â Light at the End of the Tunnel?â€. Biochemistry, 2002, 41, 2097-2105.	1.2	197
3	Nature of the C-Cluster in Ni-Containing Carbon Monoxide Dehydrogenases. Journal of the American Chemical Society, 1996, 118, 830-845.	6.6	131
4	LdpA: a component of the circadian clock senses redox state of the cell. EMBO Journal, 2005, 24, 1202-1210.	3.5	119
5	Methylation of Carbon Monoxide Dehydrogenase fromClostridium thermoaceticumand Mechanism of Acetyl Coenzyme A Synthesis. Journal of the American Chemical Society, 1997, 119, 3959-3970.	6.6	114
6	Effects of sulfur site modification on the redox potentials of derivatives of [N,N'-bis(2-mercaptoethyl)-1,5-diazacyclooctanato]nickel(II). Journal of the American Chemical Society, 1993, 115, 4665-4674.	6.6	110
7	Nickel and iron EXAFS of F420-reducing hydrogenase from Methanobacterium thermoautotrophicum. Journal of the American Chemical Society, 1984, 106, 3062-3064.	6.6	98
8	Acetyl-coenzyme A synthase: the case for a Nip0-based mechanism of catalysis. Journal of Biological Inorganic Chemistry, 2004, 9, 516-524.	1.1	97
9	Evidence of a Molecular Tunnel Connecting the Active Sites for CO2Reduction and Acetyl-CoA Synthesis in Acetyl-CoA Synthase fromClostridiumthermoaceticum. Journal of the American Chemical Society, 1999, 121, 9221-9222.	6.6	95
10	Metalâ€"metal bonds in biology. Journal of Inorganic Biochemistry, 2012, 106, 172-178.	1.5	93
11	MÃ¶ssbauer and EPR Study of the Ni-Activated Î±-Subunit of Carbon Monoxide Dehydrogenase fromClostridium thermoaceticum. Journal of the American Chemical Society, 1997, 119, 8301-8312.	6.6	91
12	A Multinuclear ENDOR Study of the C-Cluster in CO Dehydrogenase from Clostridium thermoaceticum:â€‰ Evidence for HxO and Histidine Coordination to the [Fe4S4] Center. Journal of the American Chemical Society, 1998, 120, 8767-8776.	6.6	91
13	Stoichiometric reductive titrations of Desulfovibrio gigas hydrogenase. Journal of the American Chemical Society, 1995, 117, 2565-2572.	6.6	82
14	Biophysical Characterization of the Iron in Mitochondria from Atm1p-Depleted <i>Saccharomyces cerevisiae</i>. Biochemistry, 2009, 48, 9556-9568.	1.2	80
15	Inactivation of Acetyl-CoA Synthase/Carbon Monoxide Dehydrogenase by Copper. Journal of the American Chemical Society, 2003, 125, 9316-9317.	6.6	75
16	2,4,6-Trinitrotoluene Reduction by Carbon Monoxide Dehydrogenase from Clostridium thermoaceticum. Applied and Environmental Microbiology, 2000, 66, 1474-1478.	1.4	72
17	Spectroscopic, Redox, and Structural Characterization of the Ni-Labile and Nonlabile Forms of the Acetyl-CoA Synthase Active Site of Carbon Monoxide Dehydrogenase. Journal of the American Chemical Society, 1998, 120, 7502-7510.	6.6	67
18	Mixed-Valence Nickelâ€"Iron Dithiolate Models of the [NiFe]-Hydrogenase Active Site. Inorganic Chemistry, 2012, 51, 2338-2348.	1.9	67

#	Article	IF	Citations
19	EPR and MÃ¶ssbauer Spectroscopy of Intact Mitochondria Isolated from Yah1p-Depleted <i>Saccharomyces cerevisiae</i>. Biochemistry, 2008, 47, 9888-9899.	1.2	64
20	Evidence for a Proton Transfer Network and a Required Persulfide-Bond-Forming Cysteine Residue in Ni-Containing Carbon Monoxide Dehydrogenases. Biochemistry, 2004, 43, 5728-5734.	1.2	62
21	Heterogeneous nickel-iron environments in carbon monoxide dehydrogenase from Clostridium thermoaceticum. Journal of the American Chemical Society, 1993, 115, 5522-5526.	6.6	61
22	Organization of Clusters and Internal Electron Pathways in CO Dehydrogenase from Clostridium thermoaceticum: Relevance to the Mechanism of Catalysis and Cyanide Inhibition. Biochemistry, 1994, 33, 8702-8711.	1.2	61
23	Spectroscopic States of the CO Oxidation/CO2Reduction Active Site of Carbon Monoxide Dehydrogenase and Mechanistic Implicationsâ€. Biochemistry, 1996, 35, 8371-8380.	1.2	60
24	Stopped-Flow Kinetics of Methyl Group Transfer between the Corrinoid-Iron-Sulfur Protein and Acetyl-Coenzyme A Synthase from Clostridium thermoaceticum. Journal of the American Chemical Society, 2002, 124, 6277-6284.	6.6	60
25	The evolution of acetyl-CoA synthase. , 2001, 31, 403-434.		59
26	Structures and Energetics of Models for the Active Site of Acetyl-Coenzyme A Synthase:Â Role of Distal and Proximal Metals in Catalysis. Journal of the American Chemical Society, 2004, 126, 3410-3411.	6.6	59
27	Iron EXAFS of the iron-molybdenum cofactor of nitrogenase. Journal of the American Chemical Society, 1982, 104, 4703-4705.	6.6	58
28	EXAFS, EPR, and Electronic Absorption Spectroscopic Study of the .alpha. Metallo Subunit of CO Dehydrogenase from Clostridium thermoaceticum. Journal of the American Chemical Society, 1995, 117, 7065-7070.	6.6	58
29	Analysis of Oxidative Titrations of Desulfovibrio gigas Hydrogenase; Implications for the Catalytic Mechanism. Biochemistry, 1994, 33, 14339-14350.	1.2	57
30	Discovery of a labile nickel ion required for CO/acetyl-CoA exchange activity in the NiFe complex of carbon monoxide dehydrogenase from Clostridium thermoaceticum. Journal of the American Chemical Society, 1992, 114, 9718-9719.	6.6	56
31	The Tunnel of Acetyl-Coenzyme A Synthase/Carbon Monoxide Dehydrogenase Regulates Delivery of CO to the Active Site. Journal of the American Chemical Society, 2005, 127, 5833-5839.	6.6	56
32	Biophysical Characterization of Iron in Mitochondria Isolated from Respiring and Fermenting Yeast. Biochemistry, 2010, 49, 5436-5444.	1.2	56
33	Evaluation of Multivalent Dendrimers Based on Melamine:Â Kinetics of Thiolâˆ’Disulfide Exchange Depends on the Structure of the Dendrimer. Journal of the American Chemical Society, 2003, 125, 5086-5094.	6.6	54
34	Stability of the Ni-C State and Oxidative Titrations of Desulfovibrio gigas Hydrogenase Monitored by EPR and Electronic Absorption Spectroscopies. Journal of the American Chemical Society, 1994, 116, 3442-3448.	6.6	52
35	Function and carbon monoxide binding properties of the nickel-iron complex in carbon monoxide dehydrogenase from Clostridium thermoaceticum. Biochemistry, 1992, 31, 12870-12875.	1.2	51
36	Reduction and Methyl Transfer Kinetics of the Î± Subunit from Acetyl Coenzyme A Synthase. Journal of the American Chemical Society, 2003, 125, 318-319.	6.6	51

#	Article	IF	Citations
37	Identification of a cyanide binding site in CO dehydrogenase from Clostridium thermoaceticum using EPR and ENDOR spectroscopies. Journal of the American Chemical Society, 1993, 115, 12204-12205.	6.6	50
38	Iron Content of <i>Saccharomyces cerevisiae</i> Cells Grown under Iron-Deficient and Iron-Overload Conditions. Biochemistry, 2013, 52, 105-114.	1.2	50
39	Catalytic Coupling of the Active Sites in Acetyl-CoA Synthase, a Bifunctional CO-Channeling Enzymeâ€. Biochemistry, 2001, 40, 13262-13267.	1.2	48
40	Kinetics of CO Insertion and Acetyl Group Transfer Steps, and a Model of the Acetyl-CoA Synthase Catalytic Mechanism. Journal of the American Chemical Society, 2006, 128, 12331-12338.	6.6	47
41	Labile Low-Molecular-Mass Metal Complexes in Mitochondria: Trials and Tribulations of a Burgeoning Field. Biochemistry, 2016, 55, 4140-4153.	1.2	44
42	Effect of Sodium Sulfide on Ni-Containing Carbon Monoxide Dehydrogenases. Journal of the American Chemical Society, 2004, 126, 9094-9100.	6.6	43
43	Biophysical Investigation of the Ironome of Human Jurkat Cells and Mitochondria. Biochemistry, 2012, 51, 5276-5284.	1.2	43
44	Antiferromagnetic coupling in the binuclear metal cluster of manganese-substituted phosphotriesterase. Journal of the American Chemical Society, 1993, 115, 12173-12174.	6.6	42
45	Catalytic Mechanism and Three-Dimensional Structure of Adenine Deaminase[,]. Biochemistry, 2011, 50, 1917-1927.	1.2	42
46	Kinetic Modeling of the Assembly, Dynamic Steady State, and Contraction of the FtsZ Ring in Prokaryotic Cytokinesis. PLoS Computational Biology, 2008, 4, e1000102.	1.5	41
47	A Nonheme High-Spin Ferrous Pool in Mitochondria Isolated from Fermenting <i>Saccharomyces cerevisiae</i>. Biochemistry, 2010, 49, 4227-4234.	1.2	41
48	Assembly of an Exchange-Coupled [Ni:Fe4S4] Cluster in the Î± Metallosubunit of Carbon Monoxide Dehydrogenase from Clostridium thermoaceticum with Spectroscopic Properties and CO-Binding Ability Mimicking Those of the Acetyl-CoA Synthase Active Site. Journal of the American Chemical Society, 1996, 118, 483-484.	6.6	40
49	MÃ¶ssbauer and EPR Study of Iron in Vacuoles from Fermenting <i>Saccharomyces cerevisiae</i>. Biochemistry, 2011, 50, 10275-10283.	1.2	40
50	MÃ¶ssbauer and EPR Study of Recombinant Acetyl-CoA Synthase fromMoorella thermoaceticaâ€. Biochemistry, 2006, 45, 8674-8685.	1.2	38
51	Carbon Monoxide Dehydrogenase fromClostridium thermoaceticum:Â Quaternary Structure, Stoichiometry of Its SDS-Induced Dissociation, and Characterization of the Faster-Migrating Formâ€. Biochemistry, 1996, 35, 1965-1971.	1.2	37
52	Isolated <i>Saccharomyces cerevisiae</i> vacuoles contain low-molecular-mass transition-metal polyphosphate complexes. Metallomics, 2019, 11, 1298-1309.	1.0	37
53	COA6 Is Structurally Tuned to Function as a Thiol-Disulfide Oxidoreductase in Copper Delivery to Mitochondrial Cytochrome c Oxidase. Cell Reports, 2019, 29, 4114-4126.e5.	2.9	37
54	Kinetic Mechanism of Acetyl-CoA Synthase:Â Steady-State Synthesis at Variable CO/CO2Pressures. Journal of the American Chemical Society, 2001, 123, 4697-4703.	6.6	36

#	Article	IF	Citations
55	Electron paramagnetic resonance and MÃ¶ssbauer spectroscopy of intact mitochondria from respiring Saccharomyces cerevisiae. Journal of Biological Inorganic Chemistry, 2007, 12, 1029-1053.	1.1	35
56	Evidence that a respiratory shield in Escherichia coli protects a low-molecular-mass FeII pool from O2-dependent oxidation. Journal of Biological Chemistry, 2019, 294, 50-62.	1.6	35
57	Spectroelectrochemical Characterization of the Metal Centers in Carbon Monoxide Dehydrogenase (CODH) and Nickel-deficient CODH from Rhodospirillum rubrum. Journal of Biological Chemistry, 1996, 271, 7973-7977.	1.6	34
58	CO/CO2 Potentiometric Titrations of Carbon Monoxide Dehydrogenase from Clostridium thermoaceticum and the Effect of CO2. Biochemistry, 1998, 37, 10016-10026.	1.2	34
59	Identification and preliminary characterization of AcsF, a putative Ni-insertase used in the biosynthesis of acetyl-CoA synthase from Clostridium thermoaceticum. Journal of Inorganic Biochemistry, 2003, 93, 33-40.	1.5	34
60	EXAFS studies of the nitrogenase iron protein from Azotobactor vinelandii. Inorganic Chemistry, 1987, 26, 3912-3916.	1.9	32
61	Low spin quantitation of NiFeC EPR signal from carbon monoxide dehydrogenase is not due to damage incurred during protein purification. BBA - Proteins and Proteomics, 1993, 1161, 317-322.	2.1	32
62	Evidence for a Proposed Intermediate Redox State in the CO/CO2Active Site of Acetyl-CoA Synthase (Carbon Monoxide Dehydrogenase) fromClostridium thermoaceticumâ€. Biochemistry, 1999, 38, 15706-15711.	1.2	32
63	Function of the tunnel in acetylcoenzyme A synthase/carbon monoxide dehydrogenase. Journal of Biological Inorganic Chemistry, 2006, 11, 371-378.	1.1	31
64	Detection of Labile Low-Molecular-Mass Transition Metal Complexes in Mitochondria. Biochemistry, 2015, 54, 3442-3453.	1.2	31
65	Reactivities and biological functions of iron-sulfur clusters. Journal of Cluster Science, 1990, 1, 29-73.	1.7	30
66	Implications of a Carboxylateâ€Bound Câ€Cluster Structure of Carbon Monoxide Dehydrogenase. Angewandte Chemie - International Edition, 2008, 47, 4054-4056.	7.2	30
67	Biophysical Investigation of the Iron in Aft1-1^{up} and Gal-YAH1 <i>Saccharomyces cerevisiae</i>. Biochemistry, 2011, 50, 2660-2671.	1.2	30
68	Changing iron content of the mouse brain during development. Metallomics, 2012, 4, 761.	1.0	29
69	Redox titrations of carbon monoxide dehydrogenase from Clostridium thermoaceticum. Biochemistry, 1992, 31, 6003-6011.	1.2	28
70	Mitochondria Export Sulfur Species Required for Cytosolic tRNA Thiolation. Cell Chemical Biology, 2018, 25, 738-748.e3.	2.5	28
71	Carbon Monoxide Dehydrogenase from Rhodospirillum rubrum:â€‰ Effect of Redox Potential on Catalysis. Biochemistry, 2004, 43, 1552-1559.	1.2	27
72	MÃ¶ssbauer Evidence for an Exchange-Coupled {[Fe₄S₄]¹⁺ Ni_p¹⁺} A-Cluster in Isolated Î± Subunits of Acetyl-Coenzyme A Synthase/Carbon Monoxide Dehydrogenase. Journal of the American Chemical Society, 2008, 130, 6712-6713.	6.6	27

#	Article	IF	Citations
73	Low-molecular-mass iron in healthy blood plasma is not predominately ferric citrate. Metallomics, 2018, 10, 802-817.	1.0	27
74	Structures, Interconversions, and Spectroscopy of Iron Carbonyl Clusters with an Interstitial Carbide: Localized Metal Center Reduction by Overall Cluster Oxidation. Inorganic Chemistry, 2017, 56, 5998-6012.	1.9	26
75	Insights into the iron-ome and manganese-ome of Î”mtm1 Saccharomyces cerevisiae mitochondria. Metallomics, 2013, 5, 656.	1.0	24
76	MÃ¶ssbauer Spectra of Mouse Hearts Reveal Age-dependent Changes in Mitochondrial and Ferritin Iron Levels. Journal of Biological Chemistry, 2017, 292, 5546-5554.	1.6	24
77	The thermally induced decarboxylation mechanism of a mixed-oxidation state carboxylate-based iron metalâ€“organic framework. Chemical Communications, 2019, 55, 12769-12772.	2.2	24
78	Effect of Zn on Acetyl Coenzyme A Synthase:Â Evidence for a Conformational Change in the Î± Subunit during Catalysis. Journal of the American Chemical Society, 2004, 126, 5954-5955.	6.6	22
79	Genetic Construction of Truncated and Chimeric Metalloproteins Derived from the Î± Subunit of Acetyl-CoA Synthase from Clostridium thermoaceticum. Journal of the American Chemical Society, 2002, 124, 8667-8672.	6.6	21
80	A framework for whole-cell mathematical modeling. Journal of Theoretical Biology, 2004, 231, 581-596.	0.8	21
81	Biophysical probes of iron metabolism in cells and organelles. Current Opinion in Chemical Biology, 2011, 15, 342-346.	2.8	21
82	Mitochondrial Iron-Sulfur Cluster Activity and Cytosolic Iron Regulate Iron Traffic in Saccharomyces cerevisiae. Journal of Biological Chemistry, 2015, 290, 26968-26977.	1.6	21
83	Decomposition of Carbon Monoxide Dehydrogenase into .alpha. Metallosubunits and a Catalytically-Active Form Consisting Primarily of .beta. Metallosubunits. Biochemistry, 1995, 34, 6037-6042.	1.2	19
84	Stoichiometric CO Reductive Titrations of Acetyl-CoA Synthase (Carbon Monoxide Dehydrogenase) fromClostridium thermoaceticumâ€. Biochemistry, 1999, 38, 15697-15705.	1.2	19
85	Mathematical Model of a Cell Size Checkpoint. PLoS Computational Biology, 2010, 6, e1001036.	1.5	19
86	Chapter 15 Isolation of Saccharomyces Cerevisiae Mitochondria for MÃ¶ssbauer, Epr, and Electronic Absorption Spectroscopic Analyses. Methods in Enzymology, 2009, 456, 267-285.	0.4	18
87	Speciation of iron in mouse liver during development, iron deficiency, IRP2 deletion and inflammatory hepatitis. Metallomics, 2015, 7, 93-101.	1.0	18
88	Recovery of <i>mrs3Î”mrs4Î” Saccharomyces cerevisiae</i> Cells under Iron-Sufficient Conditions and the Role of Fe₅₈₀. Biochemistry, 2018, 57, 672-683.	1.2	18
89	A comprehensive mechanistic model of iron metabolism in<i>Saccharomyces cerevisiae</i>. Metallomics, 2019, 11, 1779-1799.	1.0	17
90	High-Spin Ferric Ions in <i>Saccharomyces cerevisiae</i> Vacuoles Are Reduced to the Ferrous State during Adenine-Precursor Detoxification. Biochemistry, 2014, 53, 3940-3951.	1.2	16

#	Article	IF	Citations
91	Low-molecular-mass labile metal pools in Escherichia coli: advances using chromatography and mass spectrometry. Journal of Biological Inorganic Chemistry, 2021, 26, 479-494.	1.1	16
92	Stepwise Evolution of Nonliving to Living Chemical Systems. Origins of Life and Evolution of Biospheres, 2004, 34, 371-389.	0.8	15
93	Whole-cell modeling framework in which biochemical dynamics impact aspects of cellular geometry. Journal of Theoretical Biology, 2007, 244, 154-166.	0.8	15
94	Mathematical modeling of a minimal protocell with coordinated growth and division. Journal of Theoretical Biology, 2009, 260, 422-429.	0.8	15
95	Novel Domain Arrangement in the Crystal Structure of a Truncated Acetyl-CoA Synthase from <i>Moorella thermoacetica</i>[,]. Biochemistry, 2009, 48, 7916-7926.	1.2	15
96	The catalase activity of diiron adenine deaminase. Protein Science, 2011, 20, 2080-2094.	3.1	14
97	Chromatographic detection of low-molecular-mass metal complexes in the cytosol of <i>Saccharomyces cerevisiae</i>. Metallomics, 2020, 12, 1094-1105.	1.0	14
98	Thermal decarboxylation for the generation of hierarchical porosity in isostructural metalâ€“organic frameworks containing open metal sites. Materials Advances, 2021, 2, 5487-5493.	2.6	14
99	Acetyl-coenzyme A Synthases and Nickel-Containing Carbon Monoxide Dehydrogenases. , 2007, , 357-415.		13
100	The Lack of Synchronization between Iron Uptake and Cell Growth Leads to Iron Overload in <i>Saccharomyces cerevisiae</i> during Post-exponential Growth Modes. Biochemistry, 2013, 52, 9413-9425.	1.2	13
101	MÃ¶ssbauer, EPR, and Modeling Study of Iron Trafficking and Regulation in <i>Î”ccc1</i> and <i>CCC1-up Saccharomyces cerevisiae</i>. Biochemistry, 2014, 53, 2926-2940.	1.2	13
102	Dynamic responses of protein homeostatic regulatory mechanisms to perturbations from steady state. Journal of Theoretical Biology, 2003, 222, 407-423.	0.8	11
103	MÃ¶ssbauer Study and Modeling of Iron Import and Trafficking in Human Jurkat Cells. Biochemistry, 2013, 52, 7926-7942.	1.2	11
104	Kinetics of Iron Import into Developing Mouse Organs Determined by a Pup-swapping Method*. Journal of Biological Chemistry, 2015, 290, 520-528.	1.6	11
105	Nickel-Dependent Oligomerization of the Alpha Subunit of Acetyl-Coenzyme A Synthase/Carbon Monoxide Dehydrogenase. Biochemistry, 2007, 46, 11606-11613.	1.2	10
106	A mathematical model of iron import and trafficking in wild-type and Mrs3/4Î”Î” yeast cells. BMC Systems Biology, 2019, 13, 23.	3.0	10
107	A Sec14-like phosphatidylinositol transfer protein paralog defines a novel class of heme-binding proteins. ELife, 2020, 9, .	2.8	10
108	Tunnel mutagenesis and Ni-dependent reduction and methylation of the Î± subunit of acetyl coenzyme A synthase/carbon monoxide dehydrogenase. Journal of Biological Inorganic Chemistry, 2008, 13, 771-778.	1.1	9

#	Article	IF	Citations
109	Ferric ions accumulate in the walls of metabolically inactivating Saccharomyces cerevisiae cells and are reductively mobilized during reactivation. Metallomics, 2016, 8, 692-708.	1.0	9
110	Low-molecular-mass iron complexes in blood plasma of iron-deficient pigs do not originate directly from nutrient iron. Metallomics, 2019, 11, 1900-1911.	1.0	9
111	MÃ¶ssbauer and LC-ICP-MS investigation of iron trafficking between vacuoles and mitochondria in vma2Î” Saccharomyces cerevisiae. Journal of Biological Chemistry, 2021, 296, 100141.	1.6	8
112	Low-molecular-mass metal complexes in the mouse brain. Metallomics, 2013, 5, 232.	1.0	7
113	Analysis of Protein Homeostatic Regulatory Mechanisms in Perturbed Environments at Steady State. Journal of Theoretical Biology, 2002, 215, 151-167.	0.8	6
114	Mathematical model for positioning the FtsZ contractile ring in Escherichia coli. Journal of Mathematical Biology, 2014, 68, 911-930.	0.8	5
115	Identification of the CO oxidation site of CO dehydrogenase by EPR and ENDOR studies of the cyanide-inhibited state.. Journal of Inorganic Biochemistry, 1993, 51, 204.	1.5	4
116	Direct Detection of the Labile Nickel Pool in <i>Escherichia coli</i>: New Perspectives on Labile Metal Pools. Journal of the American Chemical Society, 2021, 143, 18571-18580.	6.6	4
117	Autocatalytic activation of acetyl-CoA synthase. Journal of Biological Inorganic Chemistry, 2004, 9, 316-322.	1.1	3
118	4. The utility of MÃ¶ssbauer spectroscopy in eukaryotic cell biology and animal physiology. , 2014, , 49-76.		3
119	Nickel-carbon bonds in acetyl-coenzyme a synthases/carbon monoxide dehydrogenases. Metal Ions in Life Sciences, 2009, 6, 133-50.	2.8	3
120	Stoichiometric Redox Titrations of Complex Metalloenzymes. Methods in Enzymology, 2002, 354, 296-309.	0.4	2
121	The Pyrococcus furiosus ironome is dominated by [Fe4S4]2+ clusters or thioferrate-like iron depending on the availability of elemental sulfur. Journal of Biological Chemistry, 2021, 296, 100710.	1.6	2
122	6. The utility of MÃ¶ssbauer spectroscopy in eukaryotic cell biology and animal physiology. , 2017, , 163-190.		1
123	Cis-Divacant Octahedral Fe(II) in a Dimensionally Reduced Family of 2-(Pyridin-2-yl)pyrrolide Complexes. Inorganic Chemistry, 2021, 60, 15617-15626.	1.9	1
124	Yeast cells depleted of the frataxin homolog Yfh1 redistribute cellular iron: Studies using MÃ¶ssbauer spectroscopy and mathematical modeling. Journal of Biological Chemistry, 2022, 298, 101921.	1.6	1
125	4 Nickel-Carbon Bonds in Acetyl-Coenzyme A Synthases/Carbon Monoxide Dehydrogenases. , 2015, , 133-150.		0