Martin J Stillman

List of Publications by Year
in descending order

258	8,378	44069	74163
papers	citations	48 h-index	75 g-index

274	274	274	5292
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structurally restricted Bi(III) metallation of apo-Î²MT1a: metal-induced tangling. Metallomics, 2021, 13, .	2.4	4
2	A di-Copper Peptidyl Complex Mimics the Activity of Catalase, a Key Antioxidant Metalloenzyme. Inorganic Chemistry, 2021, 60, 9309-9319.	4.0	7
3	Metallothioneins. , 2021, , 157-199.		1
4	Altering the optoelectronic properties of boron difluoride formazanate dyesviaconjugation with platinum(<scp>ii</scp>)-acetylides. Dalton Transactions, 2020, 49, 16133-16142.	3.3	9
5	Interplay between Carbonic Anhydrases and Metallothioneins: Structural Control of Metalation. International Journal of Molecular Sciences, 2020, 21, 5697.	4.1	6
6	Metallothionein Cd4S11 cluster formation dominates in the protection of carbonic anhydrase. Metallomics, 2020, 12, 767-783.	2.4	6
7	Enhancement of Tetraphenylporphyrin Electrochemiluminescence by Means of Symmetry Breaking. Journal of Physical Chemistry C, 2020, 124, 16568-16576.	3.1	15
8	pH dependence of the non-cooperative binding of Bi3+ to human apo-metallothionein 1A: kinetics, speciation, and stoichiometry. Metallomics, 2020, 12, 435-448.	2.4	9
9	The pathways and domain specificity of Cu(<scp>i</scp>) binding to human metallothionein 1A. Metallomics, 2020, 12, 1951-1964.	2.4	16
10	Unveiling the Hidden, Dark, and Short Life of a Vibronic State in a Boron Difluoride Formazanate Dye. Angewandte Chemie, 2019, 131, 15483-15487.	2.0	4
11	Unveiling the Hidden, Dark, and Short Life of a Vibronic State in a Boron Difluoride Formazanate Dye. Angewandte Chemie - International Edition, 2019, 58, 15339-15343.	13.8	8
12	Kinetics of competitive Cd2+ binding pathways: the realistic structure of intrinsically disordered, partially metallated metallothioneins. Metallomics, 2019, 11, 894-905.	2.4	13
13	The heme-sensitive regulator SbnI has a bifunctional role in staphyloferrin B production by Staphylococcus aureus. Journal of Biological Chemistry, 2019, 294, 11622-11636.	3.4	11
14	Competition between Al3+ and Fe3+ binding to human transferrin and toxicological implications: structural investigations using ultra-high resolution ESI MS and CD spectroscopy. Metallomics, 2019, 11, 968-981.	2.4	12
15	Tuning the Metal/Chalcogen Composition in Copper(I)â€“Chalcogenide Clusters with Cyclic (Alkyl)(amino)carbene Ligands. Inorganic Chemistry, 2019, 58, 3338-3348.	4.0	20
16	Plaxenone A and B: Cytotoxic halogenated monoterpenes from the South African red seaweed Plocamium maxillosum. Phytochemistry Letters, 2019, 29, 182-185.	1.2	3
17	Computational Guidance in the Design of Functional Tetrapyrroles. Handbook of Porphyrin Science, 2019, , 169-204.	0.8	1
18	Exploring function activated chlorins using MCD spectroscopy and DFT methods: design of a chlorin with a remarkably intense, red Q band. Physical Chemistry Chemical Physics, 2018, 20, 12470-12482.	2.8	5

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19	Capturing platinum in cisplatin: kinetic reactions with recombinant human apo-metallothionein 1a. Metallomics, 2018, 10, 713-721.	2.4	18
20	Chromatographic separation of similar post-translationally modified metallothioneins reveals the changing conformations of apo-MT upon cysteine alkylation by high resolution LC-ESI-MS. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2018, 1866, 589-601.	2.3	5
21	Unravelling the mechanistic details of metal binding to mammalian metallothioneins from stoichiometric, kinetic, and binding affinity data. Dalton Transactions, 2018, 47, 3613-3637.	3.3	42
22	Very Green Photosynthesis of Gold Nanoparticles by a Living Aquatic Plant: Photoreduction of Au^{III} by the Seaweed Ulva armoricana. Chemistry - A European Journal, 2018, 24, 1657-1666.	3.3	12
23	Metallothionein: An Aggressive Scavengerâ€"The Metabolism of Rhodium(II) Tetraacetate (Rh₂(CH₃CO₂)₄). ACS Omega, 2018, 3, 16314-16327.	3.5	18
24	Differential quenching of the angular momentum of the B and Q bands of a porphyrin as a result of extended ring Ï€-conjugation. Journal of Porphyrins and Phthalocyanines, 2018, 22, 1111-1128.	0.8	9
25	Isolated domains of recombinant human apo-metallothionein 1A are folded at neutral pH: a denaturant and heat-induced unfolding study using ESI-MS. Bioscience Reports, 2018, 38, .	2.4	11
26	6 th Georgian Bay International Conference on Bioinorganic Chemistry. Journal of Inorganic Biochemistry, 2018, 186, A1-A5.	3.5	0
27	Selective cysteine modification of metalâ€free human metallothionein 1a and its isolated domain fragments: Solution structural properties revealed via ESIâ€MS. Protein Science, 2017, 26, 960-971.	7.6	19
28	Glutathione binding to dirhodium tetraacetate: a spectroscopic, mass spectral and computational study of an anti-tumour compound. Metallomics, 2017, 9, 501-516.	2.4	6
29	Stepwise copper(<scp>i</scp>) binding to metallothionein: a mixed cooperative and non-cooperative mechanism for all 20 copper ions. Metallomics, 2017, 9, 447-462.	2.4	42
30	9. Lead(II) Binding in Metallothioneins. , 2017, 17, 241-270.		14
31	Formation of oxidative and non-oxidative dimers in metallothioneins: Implications for charge-state analysis for structural determination. Rapid Communications in Mass Spectrometry, 2017, 31, 2118-2124.	1.5	6
32	A N-Heterocyclic Carbene-Stabilized Coinage Metal-Chalcogenide Framework with Tunable Optical Properties. Journal of the American Chemical Society, 2017, 139, 14045-14048.	13.7	62
33	Regioregular Phthalocyanines Substituted with Bulky Donors at Nonâ€Peripheral Positions. Chemistry - A European Journal, 2017, 23, 15446-15454.	3.3	13
34	Zinc binds non-cooperatively to human liver metallothionein 2a at physiological pH. Biochemical and Biophysical Research Communications, 2017, 493, 650-653.	2.1	17
35	The spectroscopic impact of interactions with the four Gouterman orbitals from peripheral decoration of porphyrins with simple electron withdrawing and donating groups. Organic and Biomolecular Chemistry, 2017, 15, 9081-9094.	2.8	37
36	Stabilization of protein structure through Ï€â€“Ï€ interaction in the second coordination sphere of pseudoazurin. Protein Science, 2017, 26, 1921-1931.	7.6	7

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37	The pH Dependent Protein Structure Transitions and Related Spin-State Transition of Cytochrome câ€² from Alcaligenes xylosoxidans NCIMB 11015. Bulletin of the Chemical Society of Japan, 2017, 90, 169-177.	3.2	2
38	A Simple Metallothionein-Based Biosensor for Enhanced Detection of Arsenic and Mercury. Biosensors, 2017, 7, 14.	4.7	30
39	Residue Modification and Mass Spectrometry for the Investigation of Structural and Metalation Properties of Metallothionein and Cysteine-Rich Proteins. International Journal of Molecular Sciences, 2017, 18, 913.	4.1	10
40	Challenging Density Functional Theory Calculations with Hemes and Porphyrins. International Journal of Molecular Sciences, 2016, 17, 519.	4.1	25
41	Frontispiece: Low-Symmetry Î©-Shaped Zinc Phthalocyanine Sensitizers with Panchromatic Light-Harvesting Properties for Dye-Sensitized Solar Cells. Chemistry - A European Journal, 2016, 22, .	3.3	0
42	Destructive interactions of dirhodium(<scp>ii</scp>) tetraacetate with Î² metallothionein rh1a. Chemical Communications, 2016, 52, 5698-5701.	4.1	17
43	5th Georgian Bay International Conference on Bioinorganic Chemistry. Journal of Inorganic Biochemistry, 2016, 158, 1-4.	3.5	0
44	Lowâ€Symmetry Î©â€Shaped Zinc Phthalocyanine Sensitizers with Panchromatic Lightâ€Harvesting Properties for Dyeâ€Sensitized Solar Cells. Chemistry - A European Journal, 2016, 22, 18760-18768.	3.3	25
45	A Heme-responsive Regulator Controls Synthesis of Staphyloferrin B in Staphylococcus aureus. Journal of Biological Chemistry, 2016, 291, 29-40.	3.4	44
46	Cadmium binding mechanisms of isolated domains of human MT isoform 1a: Non-cooperative terminal sites and cooperative cluster sites. Journal of Inorganic Biochemistry, 2016, 158, 115-121.	3.5	12
47	Defining the metal binding pathways of human metallothionein 1a: balancing zinc availability and cadmium seclusion. Metallomics, 2016, 8, 71-81.	2.4	48
48	Metalation Kinetics of the Human Î±â€Metallothioneinâ€…1a Fragment Is Dependent on the Fluxional Structure of the apoâ€Protein. Chemistry - A European Journal, 2015, 21, 1269-1279.	3.3	24
49	Putting the pieces into place: Properties of intact zinc metallothionein 1A determined from interaction of its isolated domains with carbonic anhydrase. Biochemical Journal, 2015, 471, 347-356.	3.7	14
50	Domain Selection in Metallothionein 1A: Affinity-Controlled Mechanisms of Zinc Binding and Cadmium Exchange. Biochemistry, 2015, 54, 5006-5016.	2.5	22
51	Kinetics of Zinc and Cadmium Exchanges between Metallothionein and Carbonic Anhydrase. Biochemistry, 2015, 54, 6284-6293.	2.5	20
52	Rational design of a zinc phthalocyanine binding protein. Journal of Structural Biology, 2014, 185, 178-185.	2.8	15
53	Challenging conventional wisdom: single domain metallothioneins. Metallomics, 2014, 6, 702-728.	2.4	32
54	MCD spectroscopy and TD-DFT calculations of low symmetry subnaphthalocyanine analogs. Journal of Inorganic Biochemistry, 2014, 136, 122-129.	3.5	13

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55	Pentaceneâ€Fused Diporphyrins. Chemistry - A European Journal, 2014, 20, 13865-13870.	3.3	15
56	The Zinc Balance: Competitive Zinc Metalation of Carbonic Anhydrase and Metallothionein 1A. Biochemistry, 2014, 53, 6276-6285.	2.5	58
57	Topographical analysis of As-induced folding of Î±-MT1a. Biochemical and Biophysical Research Communications, 2013, 441, 208-213.	2.1	18
58	Cysteine accessibility during As3+ metalation of the Î±- and Î²-domains of recombinant human MT1a. Biochemical and Biophysical Research Communications, 2013, 433, 477-483.	2.1	32
59	Single-Domain Metallothioneins: Evidence of the Onset of Clustered Metal Binding Domains in Zn-rhMT 1a. Biochemistry, 2013, 52, 2461-2471.	2.5	20
60	GI-REASONS: A Novel 6-Month, Prospective, Randomized, Open-Label, Blinded Endpoint (PROBE) Trial. American Journal of Gastroenterology, 2013, 108, 392-400.	0.4	54
61	GI-REASONS: a novel 6-month, prospective, randomized, open-label, blinded end point (PROBE) trial. Arthritis Research and Therapy, 2012, 14, .	3.5	1
62	Insight into blocking heme transfer by exploiting molecular interactions in the core Isd heme transporters IsdA-NEAT, IsdC-NEAT, and IsdE of Staphylococcus aureus. Metallomics, 2012, 4, 751.	2.4	8
63	Single Domain Metallothioneins: Supermetalation of Human MT 1a. Journal of the American Chemical Society, 2012, 134, 3290-3299.	13.7	47
64	Soluble Diamagnetic Model for Malaria Pigment: Coordination Chemistry of Gallium(III)protoporphyrin-IX. Inorganic Chemistry, 2012, 51, 10747-10761.	4.0	17
65	Noncooperative Metalation of Metallothionein 1a and Its Isolated Domains with Zinc. Biochemistry, 2012, 51, 6690-6700.	2.5	48
66	Spectroscopic and Theoretical Studies of Ga(III)protoporphyrin-IX and Its Reactions with Myoglobin. Inorganic Chemistry, 2012, 51, 3743-3753.	4.0	19
67	Structural properties of metal-free apometallothioneins. Biochemical and Biophysical Research Communications, 2012, 425, 485-492.	2.1	32
68	Modeling the Zn2+ and Cd2+ metalation mechanism in mammalian metallothionein 1a. Biochemical and Biophysical Research Communications, 2012, 426, 601-607.	2.1	17
69	Multiprotein Heme Shuttle Pathway in Staphylococcus aureus: Iron-Regulated Surface Determinant Cog-Wheel Kinetics. Journal of the American Chemical Society, 2012, 134, 16578-16585.	13.7	34
70	Heme binding to the IsdE(M78A; H229A) double mutant: challenging unidirectional heme transfer in the iron-regulated surface determinant protein heme transfer pathway of Staphylococcus aureus. Journal of Biological Inorganic Chemistry, 2012, 17, 995-1007.	2.6	8
71	3rd Georgian Bay International Conference on Bioinorganic Chemistry. Journal of Inorganic Biochemistry, 2012, 108, 81-83.	3.5	0
72	Metal Selectivity of the Escherichia coli Nickel Metallochaperone, SlyD. Biochemistry, 2011, 50, 10666-10677.	2.5	18

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73	65 Theoretical Aspects of the Optical Spectroscopy of Porphyrinoids. Handbook of Porphyrin Science, 2011, , 461-524.	0.8	3
74	The â€œmagic numbersâ€•of metallothionein. Metallomics, 2011, 3, 444.	2.4	175
75	The Synthesis and Properties of Freeâ€Base [14]Triphyrin(2.1.1) Compounds and the Formation of Subporphyrinoid Metal Complexes. Chemistry - A European Journal, 2011, 17, 4396-4407.	3.3	65
76	Inside Cover: The Synthesis and Properties of Freeâ€Base [14]Triphyrin(2.1.1) Compounds and the Formation of Subporphyrinoid Metal Complexes (Chem. Eur. J. 16/2011). Chemistry - A European Journal, 2011, 17, 4334-4334.	3.3	0
77	Application of magnetic circular dichroism spectroscopy to porphyrins, phthalocyanines and hemes. Journal of Porphyrins and Phthalocyanines, 2011, 15, 1134-1149.	0.8	17
78	GI-REASONS: A Novel 6-Month, Prospective, Randomized, Open-Label, Blinded End Point (PROBE) Trial. American Journal of Gastroenterology, 2011, 106, S85.	0.4	0
79	Re-examination of the emission properties of alkoxy- and thioalkyl-substituted phthalocyanines. Journal of Inorganic Biochemistry, 2010, 104, 310-317.	3.5	21
80	Cu(I) binding properties of a designed metalloprotein. Journal of Inorganic Biochemistry, 2010, 104, 261-267.	3.5	17
81	Arsenic-metalation of triple-domain human metallothioneins: Support for the evolutionary advantage and interdomain metalation of multiple-metal-binding domains. Journal of Inorganic Biochemistry, 2010, 104, 232-244.	3.5	14
82	Preface. Journal of Inorganic Biochemistry, 2010, 104, 221-223.	3.5	0
83	A Novel Composite Endpoint to Evaluate the Gastrointestinal (GI) Effects of Nonsteroidal Antiinflammatory Drugs Through the Entire GI Tract. Journal of Rheumatology, 2010, 37, 167-174.	2.0	72
84	Supermetalation of the Î² Domain of Human Metallothionein 1a. Biochemistry, 2010, 49, 3593-3601.	2.5	19
85	Bismuth binding studies to the human metallothionein using electrospray mass spectrometry. Biochemical and Biophysical Research Communications, 2010, 396, 206-212.	2.1	30
86	Arsenic transfer between metallothionein proteins at physiological pH. Biochemical and Biophysical Research Communications, 2010, 401, 69-74.	2.1	28
87	Characterization of IsdH (NEAT domain 3) and IsdB (NEAT domain 2) in Staphylococcus aureus by magnetic circular dichroism spectroscopy and electrospray ionization mass spectrometry. Journal of Porphyrins and Phthalocyanines, 2009, 13, 1006-1016.	0.8	11
88	Metalation of metallothioneins. IUBMB Life, 2009, 61, 438-446.	3.4	36
89	Metalation of metallothioneins. IUBMB Life, 2009, 61, spcone-spcone.	3.4	0
90	The Ni(II)-Binding Properties of the Metallochaperone SlyD. Journal of the American Chemical Society, 2009, 131, 18489-18500.	13.7	39

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91	Arsenic Metalation of Seaweed Fucus vesiculosus Metallothionein: The Importance of the Interdomain Linker in Metallothionein. Biochemistry, 2009, 48, 8806-8816.	2.5	23
92	Metal-binding mechanisms in metallothioneins. Dalton Transactions, 2009, , 5425.	3.3	45
93	Heme binding in the NEAT domains of IsdA and IsdC of Staphylococcus aureus. Journal of Inorganic Biochemistry, 2008, 102, 480-488.	3.5	44
94	Application of MCD Spectroscopy and TDâ€DFT to Nonplanar Coreâ€Modified Tetrabenzoporphyrins: Effect of Reduced Symmetry on Nonplanar Porphyrinoids. Chemistry - A European Journal, 2008, 14, 5001-5020.	3.3	59
95	Metallobiological Necklaces: Mass Spectrometric and Molecular Modeling Study of Metallation in Concatenated Domains of Metallothionein. Chemistry - A European Journal, 2008, 14, 7579-7593.	3.3	9
96	Magnetic circular dichroism spectroscopy of cobalt tetraphenyltetraacenaphthoporphyrin. Journal of Inorganic Biochemistry, 2008, 102, 472-479.	3.5	17
97	Metal exchange in metallothioneins â€“ a novel structurally significant Cd₅ species in the alpha domain of human metallothioneinâ€ƒ1a. FEBS Journal, 2008, 275, 2227-2239.	4.7	28
98	Noncooperative cadmium(II) binding to human metallothionein 1a. Biochemical and Biophysical Research Communications, 2008, 372, 840-844.	2.1	50
99	Kinetic Analysis of Arsenicâ^'Metalation of Human Metallothionein: Significance of the Two-Domain Structure. Journal of the American Chemical Society, 2008, 130, 17016-17028.	13.7	69
100	Demonstration of the Iron-regulated Surface Determinant (Isd) Heme Transfer Pathway in Staphylococcus aureus. Journal of Biological Chemistry, 2008, 283, 28125-28136.	3.4	142
101	Iron acquisition by the haem-binding Isd proteins in Staphylococcus aureus: studies of the mechanism using magnetic circular dichroism. Biochemical Society Transactions, 2008, 36, 1138-1143.	3.4	31
102	Protoporphyrin IX and heme binding properties of Staphylococcus aureus IsdC. Journal of Porphyrins and Phthalocyanines, 2007, 11, 165-171.	0.8	8
103	Characterization of the conformational changes in recombinant human metallothioneins using ESI-MS and molecular modeling. Canadian Journal of Chemistry, 2007, 85, 898-912.	1.1	42
104	Heme Binding Properties of Staphylococcus aureus IsdE. Biochemistry, 2007, 46, 12777-12787.	2.5	35
105	Application of MCD spectroscopy to porphyrinoids. Coordination Chemistry Reviews, 2007, 251, 429-453.	18.8	292
106	Evidence for noncooperative metal binding to the Î± domain of human metallothionein. FEBS Journal, 2007, 274, 2253-2261.	4.7	42
107	Probing structural changes in the Î± and Î² domains of copper- and silver-substituted metallothionein by emission spectroscopy and electrospray ionization mass spectrometry. Journal of Biological Inorganic Chemistry, 2007, 12, 294-312.	2.6	27
108	Cd-metallothionein: Analysis of local atomic structure. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2007, 575, 162-164.	1.6	9

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109	Magnetic circular dichroism spectroscopy and TD-DFT calculations of metal phthalocyanine anion and cation radical species. Journal of Porphyrins and Phthalocyanines, 2006, 10, 1219-1237.	0.8	22
110	Determination of the Cd/S Cluster Stoichiometry in Fucus vesiculosus Metallothionein. Chemical Research in Toxicology, 2006, 19, 365-375.	3.3	29
111	Characterization of the Heme Binding Properties ofStaphylococcus aureusIsdAâ€. Biochemistry, 2006, 45, 12867-12875.	2.5	61
112	Cadmium binding studies to the earthworm Lumbricus rubellus metallothionein by electrospray mass spectrometry and circular dichroism spectroscopy. Biochemical and Biophysical Research Communications, 2006, 351, 229-233.	2.1	28
113	Peptide Folding, Metal-Binding Mechanisms, and Binding Site Structures in Metallothioneins. Experimental Biology and Medicine, 2006, 231, 1488-1499.	2.4	52
114	Metal-dependent protein folding: Metallation of metallothionein. Journal of Inorganic Biochemistry, 2006, 100, 2101-2107.	3.5	86
115	The structure of Cd sites in metallothioneins studied by combination of XAFS and molecular dynamic. Radiation Physics and Chemistry, 2006, 75, 1901-1904.	2.8	6
116	Arsenic Binding to Human Metallothionein. Journal of the American Chemical Society, 2006, 128, 12473-12483.	13.7	122
117	Kinetic and molecular dynamics studies on the metalâ€dependent folding of metallothionein (MT). FASEB Journal, 2006, 20, .	0.5	2
118	Molecular dynamics study on the folding and metallation of the individual domains of metallothionein. Proteins: Structure, Function and Bioinformatics, 2005, 62, 159-172.	2.6	39
119	XAFS Spectral Analysis of the Cadmium Coordination Geometry in Cadmium Thiolate Clusters in Metallothionein. Inorganic Chemistry, 2005, 44, 4923-4933.	4.0	52
120	Application of MCD Spectroscopy and TDâˆ'DFT to a Highly Non-Planar Porphyrinoid Ring System. New Insights on Redâˆ'Shifted Porphyrinoid Spectral Bands. Journal of the American Chemical Society, 2005, 127, 17697-17711.	13.7	174
121	Comparing Valdecoxib, Hydrocodone/acetaminophen, And Placebo In Relieving Golf-related Osteoarthritic Back Pain And Improving Swing Performance. Medicine and Science in Sports and Exercise, 2005, 37, S72-S73.	0.4	0
122	Cu+ distribution in metallothionein fragments. Biochemical and Biophysical Research Communications, 2004, 318, 73-80.	2.1	38
123	In vivo heme scavenging by Staphylococcus aureus IsdC and IsdE proteins. Biochemical and Biophysical Research Communications, 2004, 320, 781-788.	2.1	46
124	Arsenic binding to Fucus vesiculosus metallothionein. Biochemical and Biophysical Research Communications, 2004, 324, 127-132.	2.1	55
125	Structural studies of metal-free metallothionein. Biochemical and Biophysical Research Communications, 2004, 325, 1271-1278.	2.1	54
126	Electronic Structures of Metal Phthalocyanine and Porphyrin Complexes from Analysis of the UVâ€“Visible Absorption and Magnetic Circular Dichroism Spectra and Molecular Orbital Calculations. , 2003, , 43-116.		66

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127	Spectroscopy and Electronic Structure of Electron Deficient Zinc Phthalocyanines. Journal of the American Chemical Society, 2003, 125, 7067-7085.	13.7	77
128	Photochemically-Induced Radical Reactions of Zinc Phthalocyanine. Inorganic Chemistry, 2002, 41, 353-358.	4.0	18
129	Electronic Structure of Reduced Symmetry Peripheral Fused-Ring-Substituted Phthalocyanines. Inorganic Chemistry, 2002, 41, 5350-5363.	4.0	84
130	Copper speciation in the Î± and Î² domains of recombinant human metallothionein by electrospray ionization mass spectrometry. Journal of Inorganic Biochemistry, 2002, 88, 153-172.	3.5	47
131	Studies of metal binding reactions in metallothioneins by spectroscopic, molecular biology, and molecular modeling techniques. Coordination Chemistry Reviews, 2002, 233-234, 319-339.	18.8	115
132	Theoretical aspects of the spectroscopy of porphyrins and phthalocyanines. Journal of Porphyrins and Phthalocyanines, 2002, 06, 296-300.	0.8	27
133	Transition Assignments in the Ultravioletâ"Visible Absorption and Magnetic Circular Dichroism Spectra of Phthalocyanines. Inorganic Chemistry, 2001, 40, 812-814.	4.0	57
134	Assignment of the optical spectrum of metal porphyrin and phthalocyanine radical anions. Journal of Porphyrins and Phthalocyanines, 2001, 05, 67-76.	0.8	71
135	Formation and electronic properties of ring-oxidized and ring-reduced radical species of the phthalocyanines and porphyrins. Journal of Porphyrins and Phthalocyanines, 2000, 04, 374-376.	0.8	19
136	Circular dichroism, kinetic and mass spectrometric studies of copper(I) and mercury(II) binding to metallothionein. Journal of Inorganic Biochemistry, 2000, 79, 11-19.	3.5	43
137	Spectroscopic Studies of Copper and Silver Binding to Metallothioneins. Metal-Based Drugs, 1999, 6, 277-290.	3.8	12
138	Circular dichroism, emission, and exafs studies of Ag(I), Cd(II), Cu(I), and Hg(II) binding to metallothioneins and modeling the metal binding site. , 1999, , 23-35.		5
139	Structural model of rabbit liver copper metallothionein. Journal of the Chemical Society Dalton Transactions, 1997, , 977-984.	1.1	17
140	Comparison of the Structures of the Metal-thiolate Binding Site in Zn(II)-, Cd(II)-, and Hg(II)-Metallothioneins Using Molecular Modeling Techniques. Journal of Biomolecular Structure and Dynamics, 1997, 14, 393-406.	3.5	37
141	Absorption, Fluorescence, and Magnetic Circular Dichroism Spectra of and Molecular Orbital Calculations on Tetrabenzotriazaporphyrins and Tetranaphthotriazaporphyrins. Inorganic Chemistry, 1997, 36, 5624-5634.	4.0	29
142	Assignment of the Optical Spectra of Metal Phthalocyanine Anions. Inorganic Chemistry, 1997, 36, 413-425.	4.0	100
143	Incorporation of copper into the yeast saccharomyces cerevisiae. Identification of Cu(I)-metallothionein in intact yeast cells. Journal of Inorganic Biochemistry, 1997, 66, 231-240.	3.5	37
144	Automation of gas chromatography instruments. Part I. Automated peak identification in the chromatograms of standard test mixtures. Analytica Chimica Acta, 1997, 354, 65-76.	5.4	5

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145	Automation of gas chromatography instruments. Part II. A knowledge-based system for performance assessment. Analytica Chimica Acta, 1997, 354, 77-86.	5.4	5
146	Spectroscopic Properties of Ag(I), Cd(II), Cu(I), Hg(II), and Zn(II) Metallothioneins. , 1997, , 139-194.		2
147	Expert Systems and Analytical Chemistry:â€‰ Recent Progress in the ACexpert Projectâ€. Journal of Chemical Information and Computer Sciences, 1996, 36, 497-509.	2.8	7
148	Mobility of Copper in Binding Sites in Rabbit Liver Metallothionein 2. Inorganic Chemistry, 1996, 35, 2799-2807.	4.0	24
149	Sulfur K-Edge EXAFS Studies of Cadmium-, Zinc-, Copper-, and Silver-Rabbit Liver Metallothioneins. Inorganic Chemistry, 1996, 35, 6520-6529.	4.0	61
150	Determination of the Hydroxyapatite-Nucleating Region of Bone Sialoprotein. Connective Tissue Research, 1996, 35, 385-392.	2.3	77
151	Knowledge base generation for the GCdiagnosis system. Analytica Chimica Acta, 1996, 324, 85-101.	5.4	3
152	Electrochemistry and spectroscopy of magnesium octaethyltetraazaporphyrin and magnesium octakis(methylthio)tetraazaporphyrin. Inorganica Chimica Acta, 1996, 246, 361-369.	2.4	29
153	Copper Binding to Rabbit Liver Metallothionein. Formation of a Continuum of Copper(I)-Thiolate Stoichiometric Species. FEBS Journal, 1995, 227, 226-240.	0.2	75
154	XAFS of silver(I) metallothionein. Physica B: Condensed Matter, 1995, 208-209, 729-730.	2.7	3
155	Metallothioneins. Coordination Chemistry Reviews, 1995, 144, 461-511.	18.8	259
156	Analysis of the absorption and magnetic circular dichroism spectra of low spin (S = 1/2) iron(III) phthalocyanine. Inorganic Chemistry, 1995, 34, 4317-4325.	4.0	26
157	Expert System for Emergency Response Design of an Expert System for Emergency Response to a Chemical Spill. 2. ERexpert Module Design and Development. Journal of Chemical Information and Computer Sciences, 1995, 35, 956-968.	2.8	9
158	Design of an Expert System for Emergency Response to a Chemical Spill. 1. Domain Definition and Knowledge Acquisition. Journal of Chemical Information and Computer Sciences, 1995, 35, 945-955.	2.8	2
159	Band Deconvolution Analysis of the Absorption and Magnetic Circular Dichroism Spectral Data of ZnPc(-2) Recorded at Cryogenic Temperatures. The Journal of Physical Chemistry, 1995, 99, 7935-7945.	2.9	84
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