

Martin J Stillman

List of Publications by Year in descending order

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258
papers

8,378
citations

43973

48
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74018

75
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274
all docs

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docs citations

274
times ranked

5292
citing authors

#	ARTICLE	IF	CITATIONS
1	Structurally restricted Bi(III) metallation of apo- β MT1a: metal-induced tangling. <i>Metallomics</i> , 2021, 13, .	1.0	4
2	A di-Copper Peptidyl Complex Mimics the Activity of Catalase, a Key Antioxidant Metalloenzyme. <i>Inorganic Chemistry</i> , 2021, 60, 9309-9319.	1.9	7
3	Metallothioneins. , 2021, , 157-199.		1
4	Altering the optoelectronic properties of boron difluoride formazanate dyes via conjugation with platinum(II)-acetylides. <i>Dalton Transactions</i> , 2020, 49, 16133-16142.	1.6	9
5	Interplay between Carbonic Anhydrases and Metallothioneins: Structural Control of Metalation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5697.	1.8	6
6	Metallothionein Cd ₄ S ₁₁ cluster formation dominates in the protection of carbonic anhydrase. <i>Metallomics</i> , 2020, 12, 767-783.	1.0	6
7	Enhancement of Tetraphenylporphyrin Electrochemiluminescence by Means of Symmetry Breaking. <i>Journal of Physical Chemistry C</i> , 2020, 124, 16568-16576.	1.5	15
8	pH dependence of the non-cooperative binding of Bi ³⁺ to human apo-metallothionein 1A: kinetics, speciation, and stoichiometry. <i>Metallomics</i> , 2020, 12, 435-448.	1.0	9
9	The pathways and domain specificity of Cu(II) binding to human metallothionein 1A. <i>Metallomics</i> , 2020, 12, 1951-1964.	1.0	16
10	Unveiling the Hidden, Dark, and Short Life of a Vibronic State in a Boron Difluoride Formazanate Dye. <i>Angewandte Chemie</i> , 2019, 131, 15483-15487.	1.6	4
11	Unveiling the Hidden, Dark, and Short Life of a Vibronic State in a Boron Difluoride Formazanate Dye. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15339-15343.	7.2	8
12	Kinetics of competitive Cd ²⁺ binding pathways: the realistic structure of intrinsically disordered, partially metallated metallothioneins. <i>Metallomics</i> , 2019, 11, 894-905.	1.0	13
13	The heme-sensitive regulator SbnI has a bifunctional role in staphyloferrin B production by <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 11622-11636.	1.6	11
14	Competition between Al ³⁺ and Fe ³⁺ binding to human transferrin and toxicological implications: structural investigations using ultra-high resolution ESI MS and CD spectroscopy. <i>Metallomics</i> , 2019, 11, 968-981.	1.0	12
15	Tuning the Metal/Chalcogen Composition in Copper(I) Chalcogenide Clusters with Cyclic (Alkyl)(amino)carbene Ligands. <i>Inorganic Chemistry</i> , 2019, 58, 3338-3348.	1.9	20
16	Plaxenone A and B: Cytotoxic halogenated monoterpenes from the South African red seaweed <i>Placomium maxillosum</i> . <i>Phytochemistry Letters</i> , 2019, 29, 182-185.	0.6	3
17	Computational Guidance in the Design of Functional Tetrapyrroles. <i>Handbook of Porphyrin Science</i> , 2019, , 169-204.	0.3	1
18	Exploring function activated chlorins using MCD spectroscopy and DFT methods: design of a chlorin with a remarkably intense, red Q band. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 12470-12482.	1.3	5

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19	Capturing platinum in cisplatin: kinetic reactions with recombinant human apo-metallothionein 1a. <i>Metallomics</i> , 2018, 10, 713-721.	1.0	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. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2018, 1866, 589-601.	1.1	5
21	Unravelling the mechanistic details of metal binding to mammalian metallothioneins from stoichiometric, kinetic, and binding affinity data. <i>Dalton Transactions</i> , 2018, 47, 3613-3637.	1.6	42
22	Very Green Photosynthesis of Gold Nanoparticles by a Living Aquatic Plant: Photoreduction of Au ^{III} by the Seaweed <i>Ulva armoricana</i> . <i>Chemistry - A European Journal</i> , 2018, 24, 1657-1666.	1.7	12
23	Metallothionein: An Aggressive Scavenger – The Metabolism of Rhodium(II) Tetraacetate (Rh ₂ (CH ₃ CO) ₄). <i>ACS Omega</i> , 2018, 3, 16314-16327.	1.6	18
24	Differential quenching of the angular momentum of the B and Q bands of a porphyrin as a result of extended ring π -conjugation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 1111-1128.	0.4	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. <i>Bioscience Reports</i> , 2018, 38, .	1.1	11
26	6 th Georgian Bay International Conference on Bioinorganic Chemistry. <i>Journal of Inorganic Biochemistry</i> , 2018, 186, A1-A5.	1.5	0
27	Selective cysteine modification of metal-free human metallothionein 1a and its isolated domain fragments: Solution structural properties revealed via ESI-MS. <i>Protein Science</i> , 2017, 26, 960-971.	3.1	19
28	Glutathione binding to dirhodium tetraacetate: a spectroscopic, mass spectral and computational study of an anti-tumour compound. <i>Metallomics</i> , 2017, 9, 501-516.	1.0	6
29	Stepwise copper(II) binding to metallothionein: a mixed cooperative and non-cooperative mechanism for all 20 copper ions. <i>Metallomics</i> , 2017, 9, 447-462.	1.0	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. <i>Rapid Communications in Mass Spectrometry</i> , 2017, 31, 2118-2124.	0.7	6
32	A N-Heterocyclic Carbene-Stabilized Coinage Metal-Chalcogenide Framework with Tunable Optical Properties. <i>Journal of the American Chemical Society</i> , 2017, 139, 14045-14048.	6.6	62
33	Regioregular Phthalocyanines Substituted with Bulky Donors at Non-Peripheral Positions. <i>Chemistry - A European Journal</i> , 2017, 23, 15446-15454.	1.7	13
34	Zinc binds non-cooperatively to human liver metallothionein 2a at physiological pH. <i>Biochemical and Biophysical Research Communications</i> , 2017, 493, 650-653.	1.0	17
35	The spectroscopic impact of interactions with the four Gouterman orbitals from peripheral decoration of porphyrins with simple electron withdrawing and donating groups. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 9081-9094.	1.5	37
36	Stabilization of protein structure through π - π interaction in the second coordination sphere of pseudoazurin. <i>Protein Science</i> , 2017, 26, 1921-1931.	3.1	7

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37	The pH Dependent Protein Structure Transitions and Related Spin-State Transition of Cytochrome c from <i>Alcaligenes xylosoxidans</i> NCIMB 11015. <i>Bulletin of the Chemical Society of Japan</i> , 2017, 90, 169-177.	2.0	2
38	A Simple Metallothionein-Based Biosensor for Enhanced Detection of Arsenic and Mercury. <i>Biosensors</i> , 2017, 7, 14.	2.3	30
39	Residue Modification and Mass Spectrometry for the Investigation of Structural and Metalation Properties of Metallothionein and Cysteine-Rich Proteins. <i>International Journal of Molecular Sciences</i> , 2017, 18, 913.	1.8	10
40	Challenging Density Functional Theory Calculations with Hemes and Porphyrins. <i>International Journal of Molecular Sciences</i> , 2016, 17, 519.	1.8	25
41	Frontispiece: Low-Symmetry Γ_8 -Shaped Zinc Phthalocyanine Sensitizers with Panchromatic Light-Harvesting Properties for Dye-Sensitized Solar Cells. <i>Chemistry - A European Journal</i> , 2016, 22, .	1.7	0
42	Destructive interactions of dirhodium(μ) tetraacetate with Γ_2 metallothionein rh1a. <i>Chemical Communications</i> , 2016, 52, 5698-5701.	2.2	17
43	5th Georgian Bay International Conference on Bioinorganic Chemistry. <i>Journal of Inorganic Biochemistry</i> , 2016, 158, 1-4.	1.5	0
44	Low-Symmetry Γ_8 -Shaped Zinc Phthalocyanine Sensitizers with Panchromatic Light-Harvesting Properties for Dye-Sensitized Solar Cells. <i>Chemistry - A European Journal</i> , 2016, 22, 18760-18768.	1.7	25
45	A Heme-responsive Regulator Controls Synthesis of Staphyloferrin B in <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 2016, 291, 29-40.	1.6	44
46	Cadmium binding mechanisms of isolated domains of human MT isoform 1a: Non-cooperative terminal sites and cooperative cluster sites. <i>Journal of Inorganic Biochemistry</i> , 2016, 158, 115-121.	1.5	12
47	Defining the metal binding pathways of human metallothionein 1a: balancing zinc availability and cadmium seclusion. <i>Metallomics</i> , 2016, 8, 71-81.	1.0	48
48	Metalation Kinetics of the Human Γ_2 -Metallothionein...1a Fragment Is Dependent on the Fluxional Structure of the apo-Protein. <i>Chemistry - A European Journal</i> , 2015, 21, 1269-1279.	1.7	24
49	Putting the pieces into place: Properties of intact zinc metallothionein 1A determined from interaction of its isolated domains with carbonic anhydrase. <i>Biochemical Journal</i> , 2015, 471, 347-356.	1.7	14
50	Domain Selection in Metallothionein 1A: Affinity-Controlled Mechanisms of Zinc Binding and Cadmium Exchange. <i>Biochemistry</i> , 2015, 54, 5006-5016.	1.2	22
51	Kinetics of Zinc and Cadmium Exchanges between Metallothionein and Carbonic Anhydrase. <i>Biochemistry</i> , 2015, 54, 6284-6293.	1.2	20
52	Rational design of a zinc phthalocyanine binding protein. <i>Journal of Structural Biology</i> , 2014, 185, 178-185.	1.3	15
53	Challenging conventional wisdom: single domain metallothioneins. <i>Metallomics</i> , 2014, 6, 702-728.	1.0	32
54	MCD spectroscopy and TD-DFT calculations of low symmetry subnaphthalocyanine analogs. <i>Journal of Inorganic Biochemistry</i> , 2014, 136, 122-129.	1.5	13

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55	Pentaceneâ€Fused Diporphyrins. Chemistry - A European Journal, 2014, 20, 13865-13870.	1.7	15
56	The Zinc Balance: Competitive Zinc Metalation of Carbonic Anhydrase and Metallothionein 1A. Biochemistry, 2014, 53, 6276-6285.	1.2	58
57	Topographical analysis of As-induced folding of Î±-MT1a. Biochemical and Biophysical Research Communications, 2013, 441, 208-213.	1.0	18
58	Cysteine accessibility during As ³⁺ metalation of the Î±- and Î²-domains of recombinant human MT1a. Biochemical and Biophysical Research Communications, 2013, 433, 477-483.	1.0	32
59	Single-Domain Metallothioneins: Evidence of the Onset of Clustered Metal Binding Domains in Zn-rhMT 1a. Biochemistry, 2013, 52, 2461-2471.	1.2	20
60	GI-REASONS: A Novel 6-Month, Prospective, Randomized, Open-Label, Blinded Endpoint (PROBE) Trial. American Journal of Gastroenterology, 2013, 108, 392-400.	0.2	54
61	GI-REASONS: a novel 6-month, prospective, randomized, open-label, blinded end point (PROBE) trial. Arthritis Research and Therapy, 2012, 14, .	1.6	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.	1.0	8
63	Single Domain Metallothioneins: Supermetalation of Human MT 1a. Journal of the American Chemical Society, 2012, 134, 3290-3299.	6.6	47
64	Soluble Diamagnetic Model for Malaria Pigment: Coordination Chemistry of Gallium(III)protoporphyrin-IX. Inorganic Chemistry, 2012, 51, 10747-10761.	1.9	17
65	Noncooperative Metalation of Metallothionein 1a and Its Isolated Domains with Zinc. Biochemistry, 2012, 51, 6690-6700.	1.2	48
66	Spectroscopic and Theoretical Studies of Ga(III)protoporphyrin-IX and Its Reactions with Myoglobin. Inorganic Chemistry, 2012, 51, 3743-3753.	1.9	19
67	Structural properties of metal-free apometallothioneins. Biochemical and Biophysical Research Communications, 2012, 425, 485-492.	1.0	32
68	Modeling the Zn ²⁺ and Cd ²⁺ metalation mechanism in mammalian metallothionein 1a. Biochemical and Biophysical Research Communications, 2012, 426, 601-607.	1.0	17
69	Multiprotein Heme Shuttle Pathway in <i>Staphylococcus aureus</i> : Iron-Regulated Surface Determinant Cog-Wheel Kinetics. Journal of the American Chemical Society, 2012, 134, 16578-16585.	6.6	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.	1.1	8
71	3rd Georgian Bay International Conference on Bioinorganic Chemistry. Journal of Inorganic Biochemistry, 2012, 108, 81-83.	1.5	0
72	Metal Selectivity of the <i>Escherichia coli</i> Nickel Metallochaperone, SlyD. Biochemistry, 2011, 50, 10666-10677.	1.2	18

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73	65 Theoretical Aspects of the Optical Spectroscopy of Porphyrinoids. Handbook of Porphyrin Science, 2011, , 461-524.	0.3	3
74	The "magic numbers" of metallothionein. Metallomics, 2011, 3, 444.	1.0	175
75	The Synthesis and Properties of Free-Base [14]Triphyrin(2.1.1) Compounds and the Formation of Subporphyrinoid Metal Complexes. Chemistry - A European Journal, 2011, 17, 4396-4407.	1.7	65
76	Inside Cover: The Synthesis and Properties of Free-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.	1.7	0
77	Application of magnetic circular dichroism spectroscopy to porphyrins, phthalocyanines and hemes. Journal of Porphyrins and Phthalocyanines, 2011, 15, 1134-1149.	0.4	17
78	GI-REASONS: A Novel 6-Month, Prospective, Randomized, Open-Label, Blinded End Point (PROBE) Trial. American Journal of Gastroenterology, 2011, 106, S85.	0.2	0
79	Re-examination of the emission properties of alkoxy- and thioalkyl-substituted phthalocyanines. Journal of Inorganic Biochemistry, 2010, 104, 310-317.	1.5	21
80	Cu(I) binding properties of a designed metalloprotein. Journal of Inorganic Biochemistry, 2010, 104, 261-267.	1.5	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.	1.5	14
82	Preface. Journal of Inorganic Biochemistry, 2010, 104, 221-223.	1.5	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.	1.0	72
84	Supermetalation of the Î² Domain of Human Metallothionein 1a. Biochemistry, 2010, 49, 3593-3601.	1.2	19
85	Bismuth binding studies to the human metallothionein using electrospray mass spectrometry. Biochemical and Biophysical Research Communications, 2010, 396, 206-212.	1.0	30
86	Arsenic transfer between metallothionein proteins at physiological pH. Biochemical and Biophysical Research Communications, 2010, 401, 69-74.	1.0	28
87	Characterization of IsdH (NEAT domain 3) and IsdB (NEAT domain 2) in <i>Staphylococcus aureus</i> by magnetic circular dichroism spectroscopy and electrospray ionization mass spectrometry. Journal of Porphyrins and Phthalocyanines, 2009, 13, 1006-1016.	0.4	11
88	Metalation of metallothioneins. IUBMB Life, 2009, 61, 438-446.	1.5	36
89	Metalation of metallothioneins. IUBMB Life, 2009, 61, spcone-spcone.	1.5	0
90	The Ni(II)-Binding Properties of the Metallochaperone SlyD. Journal of the American Chemical Society, 2009, 131, 18489-18500.	6.6	39

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91	Arsenic Metalation of Seaweed <i>Fucus vesiculosus</i> Metallothionein: The Importance of the Interdomain Linker in Metallothionein. <i>Biochemistry</i> , 2009, 48, 8806-8816.	1.2	23
92	Metal-binding mechanisms in metallothioneins. <i>Dalton Transactions</i> , 2009, , 5425.	1.6	45
93	Heme binding in the NEAT domains of IsdA and IsdC of <i>Staphylococcus aureus</i> . <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 480-488.	1.5	44
94	Application of MCD Spectroscopy and TD-DFT to Nonplanar Core-Modified Tetrabenzoporphyrins: Effect of Reduced Symmetry on Nonplanar Porphyrinoids. <i>Chemistry - A European Journal</i> , 2008, 14, 5001-5020.	1.7	59
95	Metallobiological Necklaces: Mass Spectrometric and Molecular Modeling Study of Metallation in Concatenated Domains of Metallothionein. <i>Chemistry - A European Journal</i> , 2008, 14, 7579-7593.	1.7	9
96	Magnetic circular dichroism spectroscopy of cobalt tetraphenyltetraacenaphthoporphyrin. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 472-479.	1.5	17
97	Metal exchange in metallothioneins – a novel structurally significant Cd ₅ species in the alpha domain of human metallothionein-1a. <i>FEBS Journal</i> , 2008, 275, 2227-2239.	2.2	28
98	Noncooperative cadmium(II) binding to human metallothionein 1a. <i>Biochemical and Biophysical Research Communications</i> , 2008, 372, 840-844.	1.0	50
99	Kinetic Analysis of Arsenic ³⁺ Metalation of Human Metallothionein: Significance of the Two-Domain Structure. <i>Journal of the American Chemical Society</i> , 2008, 130, 17016-17028.	6.6	69
100	Demonstration of the Iron-regulated Surface Determinant (Isd) Heme Transfer Pathway in <i>Staphylococcus aureus</i> . <i>Journal of Biological Chemistry</i> , 2008, 283, 28125-28136.	1.6	142
101	Iron acquisition by the haem-binding Isd proteins in <i>Staphylococcus aureus</i> : studies of the mechanism using magnetic circular dichroism. <i>Biochemical Society Transactions</i> , 2008, 36, 1138-1143.	1.6	31
102	Protoporphyrin IX and heme binding properties of <i>Staphylococcus aureus</i> IsdC. <i>Journal of Porphyrins and Phthalocyanines</i> , 2007, 11, 165-171.	0.4	8
103	Characterization of the conformational changes in recombinant human metallothioneins using ESI-MS and molecular modeling. <i>Canadian Journal of Chemistry</i> , 2007, 85, 898-912.	0.6	42
104	Heme Binding Properties of <i>Staphylococcus aureus</i> IsdE. <i>Biochemistry</i> , 2007, 46, 12777-12787.	1.2	35
105	Application of MCD spectroscopy to porphyrinoids. <i>Coordination Chemistry Reviews</i> , 2007, 251, 429-453.	9.5	292
106	Evidence for noncooperative metal binding to the $\hat{1}\pm$ domain of human metallothionein. <i>FEBS Journal</i> , 2007, 274, 2253-2261.	2.2	42
107	Probing structural changes in the $\hat{1}\pm$ and $\hat{1}^2$ domains of copper- and silver-substituted metallothionein by emission spectroscopy and electrospray ionization mass spectrometry. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 294-312.	1.1	27
108	Cd-metallothionein: Analysis of local atomic structure. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2007, 575, 162-164.	0.7	9

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109	Magnetic circular dichroism spectroscopy and TD-DFT calculations of metal phthalocyanine anion and cation radical species. <i>Journal of Porphyrins and Phthalocyanines</i> , 2006, 10, 1219-1237.	0.4	22
110	Determination of the Cd/S Cluster Stoichiometry in <i>Fucus vesiculosus</i> Metallothionein. <i>Chemical Research in Toxicology</i> , 2006, 19, 365-375.	1.7	29
111	Characterization of the Heme Binding Properties of <i>Staphylococcus aureus</i> IsdA. <i>Biochemistry</i> , 2006, 45, 12867-12875.	1.2	61
112	Cadmium binding studies to the earthworm <i>Lumbricus rubellus</i> metallothionein by electrospray mass spectrometry and circular dichroism spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 2006, 351, 229-233.	1.0	28
113	Peptide Folding, Metal-Binding Mechanisms, and Binding Site Structures in Metallothioneins. <i>Experimental Biology and Medicine</i> , 2006, 231, 1488-1499.	1.1	52
114	Metal-dependent protein folding: Metallation of metallothionein. <i>Journal of Inorganic Biochemistry</i> , 2006, 100, 2101-2107.	1.5	86
115	The structure of Cd sites in metallothioneins studied by combination of XAFS and molecular dynamic. <i>Radiation Physics and Chemistry</i> , 2006, 75, 1901-1904.	1.4	6
116	Arsenic Binding to Human Metallothionein. <i>Journal of the American Chemical Society</i> , 2006, 128, 12473-12483.	6.6	122
117	Kinetic and molecular dynamics studies on the metal-dependent folding of metallothionein (MT). <i>FASEB Journal</i> , 2006, 20, .	0.2	2
118	Molecular dynamics study on the folding and metallation of the individual domains of metallothionein. <i>Proteins: Structure, Function and Bioinformatics</i> , 2005, 62, 159-172.	1.5	39
119	XAFS Spectral Analysis of the Cadmium Coordination Geometry in Cadmium Thiolate Clusters in Metallothionein. <i>Inorganic Chemistry</i> , 2005, 44, 4923-4933.	1.9	52
120	Application of MCD Spectroscopy and TD-DFT to a Highly Non-Planar Porphyrinoid Ring System. New Insights on Red-Shifted Porphyrinoid Spectral Bands. <i>Journal of the American Chemical Society</i> , 2005, 127, 17697-17711.	6.6	174
121	Comparing Valdecoxib, Hydrocodone/acetaminophen, And Placebo In Relieving Golf-related Osteoarthritic Back Pain And Improving Swing Performance. <i>Medicine and Science in Sports and Exercise</i> , 2005, 37, S72-S73.	0.2	0
122	Cu ⁺ distribution in metallothionein fragments. <i>Biochemical and Biophysical Research Communications</i> , 2004, 318, 73-80.	1.0	38
123	In vivo heme scavenging by <i>Staphylococcus aureus</i> IsdC and IsdE proteins. <i>Biochemical and Biophysical Research Communications</i> , 2004, 320, 781-788.	1.0	46
124	Arsenic binding to <i>Fucus vesiculosus</i> metallothionein. <i>Biochemical and Biophysical Research Communications</i> , 2004, 324, 127-132.	1.0	55
125	Structural studies of metal-free metallothionein. <i>Biochemical and Biophysical Research Communications</i> , 2004, 325, 1271-1278.	1.0	54
126	Electronic Structures of Metal Phthalocyanine and Porphyrin Complexes from Analysis of the UV-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. <i>Journal of the American Chemical Society</i> , 2003, 125, 7067-7085.	6.6	77
128	Photochemically-Induced Radical Reactions of Zinc Phthalocyanine. <i>Inorganic Chemistry</i> , 2002, 41, 353-358.	1.9	18
129	Electronic Structure of Reduced Symmetry Peripheral Fused-Ring-Substituted Phthalocyanines. <i>Inorganic Chemistry</i> , 2002, 41, 5350-5363.	1.9	84
130	Copper speciation in the \hat{I}^{\pm} and \hat{I}^2 domains of recombinant human metallothionein by electrospray ionization mass spectrometry. <i>Journal of Inorganic Biochemistry</i> , 2002, 88, 153-172.	1.5	47
131	Studies of metal binding reactions in metallothioneins by spectroscopic, molecular biology, and molecular modeling techniques. <i>Coordination Chemistry Reviews</i> , 2002, 233-234, 319-339.	9.5	115
132	Theoretical aspects of the spectroscopy of porphyrins and phthalocyanines. <i>Journal of Porphyrins and Phthalocyanines</i> , 2002, 06, 296-300.	0.4	27
133	Transition Assignments in the Ultraviolet-Visible Absorption and Magnetic Circular Dichroism Spectra of Phthalocyanines. <i>Inorganic Chemistry</i> , 2001, 40, 812-814.	1.9	57
134	Assignment of the optical spectrum of metal porphyrin and phthalocyanine radical anions. <i>Journal of Porphyrins and Phthalocyanines</i> , 2001, 05, 67-76.	0.4	71
135	Formation and electronic properties of ring-oxidized and ring-reduced radical species of the phthalocyanines and porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2000, 04, 374-376.	0.4	19
136	Circular dichroism, kinetic and mass spectrometric studies of copper(I) and mercury(II) binding to metallothionein. <i>Journal of Inorganic Biochemistry</i> , 2000, 79, 11-19.	1.5	43
137	Spectroscopic Studies of Copper and Silver Binding to Metallothioneins. <i>Metal-Based Drugs</i> , 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. <i>Journal of the Chemical Society Dalton Transactions</i> , 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. <i>Journal of Biomolecular Structure and Dynamics</i> , 1997, 14, 393-406.	2.0	37
141	Absorption, Fluorescence, and Magnetic Circular Dichroism Spectra of and Molecular Orbital Calculations on Tetrabenzotriazaporphyrins and Tetranaphthotriazaporphyrins. <i>Inorganic Chemistry</i> , 1997, 36, 5624-5634.	1.9	29
142	Assignment of the Optical Spectra of Metal Phthalocyanine Anions. <i>Inorganic Chemistry</i> , 1997, 36, 413-425.	1.9	100
143	Incorporation of copper into the yeast <i>saccharomyces cerevisiae</i> . Identification of Cu(I)-metallothionein in intact yeast cells. <i>Journal of Inorganic Biochemistry</i> , 1997, 66, 231-240.	1.5	37
144	Automation of gas chromatography instruments. Part I. Automated peak identification in the chromatograms of standard test mixtures. <i>Analytica Chimica Acta</i> , 1997, 354, 65-76.	2.6	5

#	ARTICLE	IF	CITATIONS
145	Automation of gas chromatography instruments. Part II. A knowledge-based system for performance assessment. <i>Analytica Chimica Acta</i> , 1997, 354, 77-86.	2.6	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: Recent Progress in the ACExpert Project. <i>Journal of Chemical Information and Computer Sciences</i> , 1996, 36, 497-509.	2.8	7
148	Mobility of Copper in Binding Sites in Rabbit Liver Metallothionein 2. <i>Inorganic Chemistry</i> , 1996, 35, 2799-2807.	1.9	24
149	Sulfur K-Edge EXAFS Studies of Cadmium-, Zinc-, Copper-, and Silver-Rabbit Liver Metallothioneins. <i>Inorganic Chemistry</i> , 1996, 35, 6520-6529.	1.9	61
150	Determination of the Hydroxyapatite-Nucleating Region of Bone Sialoprotein. <i>Connective Tissue Research</i> , 1996, 35, 385-392.	1.1	77
151	Knowledge base generation for the GCdiagnosis system. <i>Analytica Chimica Acta</i> , 1996, 324, 85-101.	2.6	3
152	Electrochemistry and spectroscopy of magnesium octaethyltetraazaporphyrin and magnesium octakis(methylthio)tetraazaporphyrin. <i>Inorganica Chimica Acta</i> , 1996, 246, 361-369.	1.2	29
153	Copper Binding to Rabbit Liver Metallothionein. Formation of a Continuum of Copper(I)-Thiolate Stoichiometric Species. <i>FEBS Journal</i> , 1995, 227, 226-240.	0.2	75
154	XAFS of silver(I) metallothionein. <i>Physica B: Condensed Matter</i> , 1995, 208-209, 729-730.	1.3	3
155	Metallothioneins. <i>Coordination Chemistry Reviews</i> , 1995, 144, 461-511.	9.5	259
156	Analysis of the absorption and magnetic circular dichroism spectra of low spin ($S = 1/2$) iron(III) phthalocyanine. <i>Inorganic Chemistry</i> , 1995, 34, 4317-4325.	1.9	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. <i>Journal of Chemical Information and Computer Sciences</i> , 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. <i>Journal of Chemical Information and Computer Sciences</i> , 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. <i>The Journal of Physical Chemistry</i> , 1995, 99, 7935-7945.	2.9	84
160	Spectroscopic Studies of Copper, Silver and Gold-Metallothioneins. <i>Metal-Based Drugs</i> , 1994, 1, 375-394.	3.8	45
161	Chiral copper(I)-thiolate clusters in metallothionein and glutathione. <i>Chirality</i> , 1994, 6, 521-530.	1.3	18
162	Developing an expert system for diagnosis of problem gas chromatographic data. <i>Analytica Chimica Acta</i> , 1994, 296, 21-31.	2.6	10

#	ARTICLE	IF	CITATIONS
163	Knowledge acquisition for fault diagnosis in gas chromatography. <i>Analytica Chimica Acta</i> , 1994, 296, 33-41.	2.6	7
164	Oxidative quenching of luminescence from copper metallothionein. <i>Inorganica Chimica Acta</i> , 1994, 226, 275-283.	1.2	20
165	Photochemical Formation of the Anion Radical of Zinc Phthalocyanine and Analysis of the Absorption and Magnetic Circular Dichroism Spectral Data. Assignment of the Optical Spectrum of [ZnPc(-3)]. <i>Journal of the American Chemical Society</i> , 1994, 116, 1292-1304.	6.6	166
166	Analysis of the absorption and magnetic circular dichroism spectra of iron(II) phthalocyanine. <i>Inorganic Chemistry</i> , 1994, 33, 573-583.	1.9	64
167	Automated Analysis of Trace Metals by Flame Atomic Absorption Spectrometry. <i>Analytical Chemistry</i> , 1994, 66, 2954-2963.	3.2	11
168	Structures of the Cadmium, Mercury, and Zinc Thiolate Clusters in Metallothionein: XAFS Study of Zn7-MT, Cd7-MT, Hg7-MT, and Hg18-MT Formed from Rabbit Liver Metallothionein 2. <i>Journal of the American Chemical Society</i> , 1994, 116, 11004-11013.	6.6	82
169	Luminescence Probe of Copper-Thiolate Cluster Formation within Mammalian Metallothionein. <i>Inorganic Chemistry</i> , 1994, 33, 4159-4168.	1.9	64
170	Co-dependency of Calcium and Porphyrin for an Integrated Molecular Structure of Peanut Peroxidase: A Circular Dichroism Analysis. <i>Biochemical and Biophysical Research Communications</i> , 1993, 194, 326-332.	1.0	22
171	Mercury-thiolate clusters in metallothionein. Analysis of circular dichroism spectra of complexes formed between .alpha.-metallothionein, apometallothionein, zinc metallothionein, and cadmium metallothionein and mercury(2+). <i>Journal of the American Chemical Society</i> , 1993, 115, 3291-3299.	6.6	58
172	Mercury binding to metallothioneins: formation of the Hg18-MT species. <i>Inorganic Chemistry</i> , 1993, 32, 919-926.	1.9	47
173	Absorption and magnetic circular dichroism spectra of nitrogen homologues of magnesium and zinc phthalocyanine. <i>Canadian Journal of Chemistry</i> , 1993, 71, 1898-1909.	0.6	57
174	Ground-state and optical spectrum of metallophthalocyanine radical anions from low-temperature magnetic circular dichroism spectroscopy. <i>Inorganic Chemistry</i> , 1992, 31, 1717-1719.	1.9	45
175	Determination of the ground state of manganese phthalocyanine in an argon matrix using magnetic circular dichroism and absorption spectroscopy. <i>Journal of the American Chemical Society</i> , 1992, 114, 2412-2419.	6.6	56
176	Silver binding to rabbit liver zinc metallothionein and zinc .alpha. and .beta. fragments. Formation of silver metallothionein with silver(I):protein ratios of 6, 12, and 18 observed using circular dichroism spectroscopy. <i>Inorganic Chemistry</i> , 1992, 31, 3363-3370.	1.9	53
177	Expert systems. Diagnosing the cause of problem AAS data. <i>Analytical Chemistry</i> , 1992, 64, 283A-291A.	3.2	8
178	Photochemical, electrochemical, and chemical formation of the .pi.-cation-radical species of magnesium phthalocyanine. Analysis of the absorption and MCD spectra of [MgPc(-1)]. <i>bul.</i> . <i>Inorganic Chemistry</i> , 1991, 30, 2301-2310.	1.9	99
179	[62] Luminescence spectroscopy of metallothioneins. <i>Methods in Enzymology</i> , 1991, 205, 540-555.	0.4	17
180	Absorption and magnetic circular dichroism spectroscopy of metal- and ring-oxidized porphyrins. Spectral characteristics of the one- and two-electron oxidation products of cobalt octaethylporphyrin. <i>Inorganic Chemistry</i> , 1990, 29, 5101-5109.	1.9	33

#	ARTICLE	IF	CITATIONS
181	Sulfur L-edge XANES study of zinc-, cadmium-, and mercury-containing metallothionein and model compounds. <i>Inorganic Chemistry</i> , 1990, 29, 2561-2563.	1.9	19
182	ACExpert. ACS Symposium Series, 1989, , 210-235.	0.5	4
183	Microcomputer-aided chemistry. <i>Chemometrics and Intelligent Laboratory Systems</i> , 1989, 5, 233-246.	1.8	21
184	A luminescence probe for metallothionein in liver tissue: emission intensity measured directly from copper metallothionein induced in rat liver. <i>FEBS Letters</i> , 1989, 257, 283-286.	1.3	26
185	Optical absorption and magnetic circular dichroism studies of hydrogen, copper(II), zinc(II), nickel(II), and cobalt(II) crown ether-substituted monomeric and dimeric phthalocyanines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 2397.	1.1	51
186	Luminescence decay from copper(I) complexes of metallothionein. <i>Inorganica Chimica Acta</i> , 1988, 153, 115-118.	1.2	33
187	Metal binding in metallothioneins: Competition for cadmium and zinc between chelex-100 and metal binding sites in metallothionein. <i>Inorganica Chimica Acta</i> , 1988, 152, 111-115.	1.2	12
188	Electrochemistry and spectroscopy of magnesium phthalocyanine. Analysis of the absorption and magnetic circular dichroism spectra. <i>Inorganic Chemistry</i> , 1988, 27, 2724-2732.	1.9	98
189	Temperature dependence in the magnetic circular dichroism spectrum of the .pi.-cation-radical species of cobalt octaethylporphyrin. <i>Inorganic Chemistry</i> , 1988, 27, 4619-4622.	1.9	6
190	Low-temperature magnetic circular dichroism studies of the photoreaction of horseradish peroxidase compound I. <i>Biochemistry</i> , 1988, 27, 2503-2509.	1.2	8
191	Luminescent Ag ₁₂ -metallothionein: Dependence of emission intensity on silver-thiolate cluster formation. <i>FEBS Letters</i> , 1988, 240, 159-162.	1.3	19
192	(Mercury) ₁₈ -metallothionein. <i>Journal of the American Chemical Society</i> , 1988, 110, 7872-7873.	6.6	40
193	Temperature dependence and electronic transition energies in the magnetic circular dichroism spectrum of horseradish peroxidase compound I. <i>Journal of the American Chemical Society</i> , 1988, 110, 3633-3640.	6.6	43
194	Phthalocyanine .pi.-cation-radical species: photochemical and electrochemical preparation of [ZnPc(-1).+ in solution. <i>Inorganic Chemistry</i> , 1987, 26, 548-553.	1.9	150
195	Analysis of the absorption and magnetic circular dichroism spectra of zinc phthalocyanine and the .pi.-cation-radical species [ZnPc(1-)].cntdot.+ . <i>Inorganic Chemistry</i> , 1987, 26, 1087-1095.	1.9	164
196	Computer-aided chemistryâ€”II. A spectral database management program for use with microcomputers. <i>Computers & Chemistry</i> , 1987, 11, 73-82.	1.2	22
197	Computer aided chemistryâ€”III. Spectral envelope deconvolution based on a simplex optimization procedure. <i>Computers & Chemistry</i> , 1987, 11, 241-250.	1.2	16
198	Computer-aided chemistry IV: fast fourier transform analysis of luminescence decay curves using a desk top microcomputer. <i>Journal of Photochemistry and Photobiology</i> , 1987, 38, 83-98.	0.6	4

#	ARTICLE	IF	CITATIONS
199	Circular dichroism and magnetic circular dichroism spectra of chlorophylls a and b in nematic liquid crystals. <i>Biophysical Chemistry</i> , 1987, 28, 101-114.	1.5	20
200	Information on Metal Binding Properties of Metallothioneins from Optical Spectroscopy. <i>Exs</i> , 1987, 52, 203-211.	1.4	25
201	Photooxidation of Phthalocyanines. <i>ACS Symposium Series</i> , 1986, , 309-327.	0.5	10
202	Computer-aided chemistry. Part I: Control of the PAR 273 electrochemical instrument using the IBM 9001 laboratory computer. <i>Journal of Automated Methods and Management in Chemistry</i> , 1986, 8, 122-133.	0.4	8
203	Quenching of Low-Lying Excited States in Porphyrins by Electron Acceptors in Rigid Matrices. <i>ACS Symposium Series</i> , 1986, , 298-308.	0.5	3
204	Isolation and characterization of metallothionein from guinea pig liver. <i>Inorganica Chimica Acta</i> , 1986, 124, 29-35.	1.2	5
205	Photochemical Formation of Ruthenium Phthalocyanine $\dot{\pi}$ -Cation Radical Species. <i>Inorganica Chimica Acta</i> , 1986, 112, 11-15.	1.2	49
206	π -Cation-radical formation following visible light photolysis of porphyrins in frozen solution using alkyl chlorides or quinones as electron acceptors. <i>Inorganic Chemistry</i> , 1985, 24, 2440-2447.	1.9	81
207	One-electron photooxidation of porphyrins at low temperature. <i>Inorganica Chimica Acta</i> , 1984, 92, 37-42.	1.2	34
208	Absorption and magnetic circular dichroism spectra of CsBr:In ⁺ ; moments analysis. <i>Chemical Physics</i> , 1984, 84, 139-150.	0.9	6
209	Absorption, circular dichroism, magnetic circular dichroism and emission study of rat kidney Cd,Cu-metallothionein. <i>Biophysical Chemistry</i> , 1984, 19, 163-169.	1.5	13
210	Temperature dependence in the absorption spectra of beef liver catalase. <i>Biophysical Chemistry</i> , 1984, 19, 311-320.	1.5	14
211	A spectroscopic study of rat liver and <i>Scyllia serrata</i> crab metallothioneins. <i>BBA - Proteins and Proteomics</i> , 1984, 784, 53-61.	2.1	22
212	Absorption and Magnetic Circular Dichroism Spectra of CsI:Tl ⁺³ . <i>Physica Status Solidi (B): Basic Research</i> , 1984, 124, 261-270.	0.7	16
213	One-electron, visible-light photooxidation of porphyrins in alkyl chloride solutions. <i>Inorganic Chemistry</i> , 1984, 23, 382-384.	1.9	29
214	Cadmium binding to metallothioneins and the estimation of protein concentration using cadmium-saturation methods. <i>Biochemical and Biophysical Research Communications</i> , 1984, 121, 1006-1013.	1.0	12
215	Spectroscopic studies of divalent ion-cation vacancy interactions in alkali halide single crystals: KX: Ge ²⁺ , KX: Sn ²⁺ , KX: Pb ²⁺ . <i>Radiation Effects</i> , 1983, 73, 81-86.	0.4	11
216	Laser induced emission spectra of Pr ³⁺ in CaF ₂ at low temperatures. <i>Journal of Luminescence</i> , 1983, 28, 177-190.	1.5	18

#	ARTICLE	IF	CITATIONS
217	Cadmium binding to metal-free metallothionein: A correlation of UV, CD and ^{113}Cd NMR data and a ^{113}Cd NMR characterization of the binding sites in the reconstituted protein. <i>Inorganica Chimica Acta</i> , 1983, 78, 275-279.	1.2	21
218	Temperature dependence in the MCD spectrum of horseradish peroxidase compound I. <i>Inorganica Chimica Acta</i> , 1983, 79, 113-114.	1.2	2
219	Metal binding to metallothioneins: a spectroscopic characterization. <i>Inorganica Chimica Acta</i> , 1983, 79, 114-115.	1.2	7
220	Low temperature MCD study of the species formed by photolysis of horseradish peroxidase compound I. <i>Inorganica Chimica Acta</i> , 1983, 79, 115-116.	1.2	3
221	Spectroscopic studies of mercury binding to metallothionein. <i>Inorganica Chimica Acta</i> , 1983, 79, 123-124.	1.2	7
222	Intramolecular Photochemical Electron Transfer. 1. EPR and Optical Absorption Evidence for Stabilized Charge Separation in Linked Porphyrin-Quinone Molecules. <i>Journal of the American Chemical Society</i> , 1983, 105, 7215-7223.	6.6	79
223	Intramolecular photochemical electron transfer. 2. Fluorescence studies of linked porphyrin-quinone compounds. <i>Journal of the American Chemical Society</i> , 1983, 105, 7224-7230.	6.6	104
224	Spectroscopic characterization of rat kidney Hg, Cu-metallothionein. <i>Biochemical and Biophysical Research Communications</i> , 1983, 115, 167-173.	1.0	17
225	The temperature dependence of the MCD spectrum of horseradish peroxidase compound I. <i>Biochemical and Biophysical Research Communications</i> , 1983, 112, 515-520.	1.0	8
226	Moments analysis of the optical absorption and magnetic circular dichroism in the A band of Pb^{2+} centres in KBr and RbCl. <i>Journal of Physics C: Solid State Physics</i> , 1983, 16, 603-613.	1.5	8
227	Circular dichroism and magnetic circular dichroism spectra of chlorophylls in nematic liquid crystals. I. Electric and weak magnetic field effects on the dichroism spectra. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 1982, 681, 273-285.	0.5	17
228	Circular dichroism and magnetic circular dichroism of bismuth-induced, metallothionein-like proteins. <i>Biochemical and Biophysical Research Communications</i> , 1982, 108, 919-925.	1.0	12
229	The diagnetic circular dichroism of KBr: Sn^{2+} . <i>Chemical Physics</i> , 1982, 68, 473-478.	0.9	4
230	Circular dichroism studies of papaya mosaic virus coat protein and its polymers. <i>Journal of Molecular Biology</i> , 1981, 147, 337-349.	2.0	8
231	Aggregation of a symmetrical metalloporphyrin. Concentration and temperature dependence of the absorption and magnetic circular dichroism spectra of dilute zinc octamethyltetrabenzporphyrin solutions. <i>Canadian Journal of Chemistry</i> , 1981, 59, 1388-1394.	0.6	4
232	Capsidiol and 1-epicapsidiol: absolute configuration, nmr, and optical spectra of the dibenzoates. <i>Canadian Journal of Chemistry</i> , 1981, 59, 2303-2305.	0.6	15
233	Characterization of the cadmium(II) binding site in Cd, Zn-metallothionein by magnetic circular dichroism spectroscopy. <i>Biochemical and Biophysical Research Communications</i> , 1981, 102, 397-402.	1.0	21
234	A multinuclear (^1H , ^{13}C , ^{113}Cd) nuclear magnetic resonance and magnetic circular dichroism spectroscopic study of thiolate complexes of cadmium. <i>Inorganica Chimica Acta</i> , 1981, 56, 59-71.	1.2	46

#	ARTICLE	IF	CITATIONS
235	Magnetic circular dichroism study of porphyrin π cation radical species. <i>Inorganica Chimica Acta</i> , 1981, 49, 69-77.	1.2	36
236	Evidence for heme π cation radical species in compound I of horseradish peroxidase and catalase. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1981, 660, 1-7.	1.4	28
237	On the assignment of absorption bands in alkali halides doped with s_2 ions. <i>Chemical Physics Letters</i> , 1980, 74, 135-138.	1.2	26
238	Calculation of optical absorption and magnetic circular dichroism lineshapes of the B-band in KBr: In ⁺ . <i>Chemical Physics</i> , 1980, 45, 183-187.	0.9	4
239	A central field interpretation of the absorption and M.C.D. spectroscopic parameters in arylcyanamocobaltate complexes. <i>Inorganica Chimica Acta</i> , 1980, 42, 169-178.	1.2	6
240	Magnetic circular dichroism studies on the electronic configuration of catalase compounds I and II. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1980, 623, 21-31.	1.7	16
241	The effect of pH on Cd ²⁺ binding to rat liver metallothionein. <i>Biochemical and Biophysical Research Communications</i> , 1980, 94, 138-143.	1.0	21
242	Optical absorption and magnetic circular dichroism in the A and B bands of KCl:Ga ⁺ . <i>Journal of Physics C: Solid State Physics</i> , 1980, 13, 6033-6047.	1.5	5
243	Evidence for the existence of the phthalocyanine dianion: the demetalation of dilithium phthalocyanine. <i>Inorganic Chemistry</i> , 1980, 19, 2473-2475.	1.9	11
244	The magnetic circular dichroism of KBr : In ⁺ . <i>Molecular Physics</i> , 1979, 38, 273-285.	0.8	12
245	Magnetic circular dichroism studies of bovine liver catalase. <i>Biochimica Et Biophysica Acta (BBA) - Protein Structure</i> , 1979, 577, 291-306.	1.7	32
246	Analysis of the absorption and magnetic circular dichroism spectra of the hypertensive band in (h 5 C) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.2	1
247	Absorption and magnetic circular dichroism spectra of metal-free phthalocyanine in ultraviolet-transparent solvents. <i>Canadian Journal of Chemistry</i> , 1979, 57, 1111-1113.	0.6	22
248	Photochemical electron transfer in monolayer assemblies. 1. Spectroscopic study of radicals produced in chlorophyll a/acceptor systems. <i>Journal of the American Chemical Society</i> , 1979, 101, 6337-6341.	6.6	41
249	Assignment of absorption and magnetic circular dichroism spectra of solid, π phase metallophthalocyanines. <i>Journal of the Chemical Society, Faraday Transactions 2</i> , 1978, 74, 2107.	1.1	47
250	Characterization of the chromophores in horseradish peroxidase compounds I and II using magnetic circular dichroism. <i>Biochemical and Biophysical Research Communications</i> , 1976, 72, 554-559.	1.0	21
251	Emission spectra of some lanthanoid decatungstate and undecatungstosilicate ions. <i>Journal of the Chemical Society Dalton Transactions</i> , 1976, , 1138.	1.1	54
252	Magnetic circular dichroism in the A, B and C absorption bands of KBr: In ⁺ . <i>Chemical Physics Letters</i> , 1976, 42, 530-532.	1.2	7

#	ARTICLE	IF	CITATIONS
253	Horseradish peroxidase. XIX. A photochemical reaction of compound I at 5Å°K. Biochemical and Biophysical Research Communications, 1975, 63, 32-35.	1.0	26
254	Photochemical reactions of horseradish peroxidase compounds I and II at room temperature and 10Å°K. Biochemistry, 1975, 14, 3183-3188.	1.2	35
255	Observation of Davydov splitting in the MCD spectra of $\hat{I}\pm$ metal-free phthalocyanine. Chemical Physics Letters, 1974, 29, 284-286.	1.2	24
256	Assignment of the charge-transfer bands in some metal phthalocyanines. Evidence for the S= 1 state of iron (II) phthalocyanine in solution. Journal of the Chemical Society, Faraday Transactions 2, 1974, 70, 790.	1.1	138
257	Orbital reduction factors in the lowest excited state of the phthalocyanine ring and their measurement by magnetic circular dichroism spectroscopy. Journal of the Chemical Society, Faraday Transactions 2, 1974, 70, 805.	1.1	46
258	Magnetic circular dichroism spectroscopy of the vanadyl ion. Journal of the Chemical Society Dalton Transactions, 1974, , 813.	1.1	13