

# Merc  Capdevila

## List of Publications by Year in descending order

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121  
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109137

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125  
docs citations

125  
times ranked

3296  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cryptococcus neoformans Copper Detoxification Machinery Is Critical for Fungal Virulence. Cell Host and Microbe, 2013, 13, 265-276.	5.1	167
2	State-of-the-art of metallothioneins at the beginning of the 21st century. Coordination Chemistry Reviews, 2012, 256, 46-62.	9.5	143
3	Metallothionein protein evolution: a miniassay. Journal of Biological Inorganic Chemistry, 2011, 16, 977-989.	1.1	140
4	Zn- and Cu-thioneins: a functional classification for metallothioneins?. Journal of Biological Inorganic Chemistry, 2011, 16, 991-1009.	1.1	132
5	Iron chemistry at the service of life. IUBMB Life, 2017, 69, 382-388.	1.5	121
6	The four members of the Drosophila metallothionein family exhibit distinct yet overlapping roles in heavy metal homeostasis and detoxification. Genes To Cells, 2006, 11, 647-658.	0.5	103
7	Binding of excess cadmium(II) to Cd7-metallothionein from recombinant mouse Zn7-metallothionein 1. UV-VIS absorption and circular dichroism studies and theoretical location approach by surface accessibility analysis. Journal of Inorganic Biochemistry, 1997, 68, 157-166.	1.5	100
8	Shaping mechanisms of metal specificity in a family of metazoan metallothioneins: evolutionary differentiation of mollusc metallothioneins. BMC Biology, 2011, 9, 4.	1.7	96
9	The Saccharomyces cerevisiae Crs5 Metallothionein metal-binding abilities and its role in the response to zinc overload. Molecular Microbiology, 2007, 63, 256-269.	1.2	89
10	A New Insight into Metallothionein (MT) Classification and Evolution. Journal of Biological Chemistry, 2001, 276, 32835-32843.	1.6	85
11	Recombinant synthesis of mouse Zn 3 - ? and Zn 4 - ? metallothionein 1 domains and characterization of their cadmium(II) binding capacity. Cellular and Molecular Life Sciences, 1997, 53, 681-688.	2.4	84
12	Histone H3 Glutathionylation in Proliferating Mammalian Cells Destabilizes Nucleosomal Structure. Antioxidants and Redox Signaling, 2013, 19, 1305-1320.	2.5	83
13	Novel C,N-chelate rhodium(iii) and iridium(iii) antitumor complexes incorporating a lipophilic steroidal conjugate and their interaction with DNA. Dalton Transactions, 2012, 41, 12847.	1.6	82
14	Plant metallothionein domains: functional insight into physiological metal binding and protein folding. Biochimie, 2006, 88, 583-593.	1.3	78
15	Zn- and Cd-Metallothionein Recombinant Species from the Most Diverse Phyla May Contain Sulfide (S <sup>2-</sup> ) Ligands. Angewandte Chemie - International Edition, 2005, 44, 4618-4622.	7.2	75
16	Independent metal-binding features of recombinant metallothioneins convergently draw a step gradation between Zn- and Cu-thioneins. Metallomics, 2009, 1, 229.	1.0	69
17	Functional Differentiation in the Mammalian Metallothionein Gene Family. Journal of Biological Chemistry, 2004, 279, 24403-24413.	1.6	62
18	A new insight into the Ag <sup>+</sup> and Cu <sup>+</sup> binding sites in the metallothionein $\hat{1}^2$ domain. Journal of Inorganic Biochemistry, 1999, 73, 57-64.	1.5	57

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19	Metallothionein-III Prevents Glutamate and Nitric Oxide Neurotoxicity in Primary Cultures of Cerebellar Neurons. <i>Journal of Neurochemistry</i> , 2001, 75, 266-273.	2.1	56
20	Dipalladium and diplatinum bis( $\mu$ -alkanethiolato) complexes with a planar M <sub>2</sub> S <sub>2</sub> ring. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 2817-2826.	1.1	55
21	Metallothionein-protein interactions. <i>Biomolecular Concepts</i> , 2013, 4, 143-160.	1.0	54
22	Diverse Evolution of [ $\text{Ph}_2\text{P}(\text{CH}_2)_n\text{PPh}_2$ ] $\text{Pt}(\frac{1}{4}\text{-S})_2\text{Pt}\{\text{Ph}_2\text{P}(\text{CH}_2)_n\text{PPh}_2\}$ (n = 2, 3) Metalloligands in $\text{CH}_2\text{Cl}_2$ . <i>Inorganic Chemistry</i> , 2002, 41, 3218-3229.	1.9	50
23	Physiological relevance and contribution to metal balance of specific and non-specific Metallothionein isoforms in the garden snail, <i>Cantareus aspersus</i> . <i>BioMetals</i> , 2011, 24, 1079-1092.	1.8	50
24	Hinge Distortion in Platinum(II) Dimers with a Pt <sub>2</sub> S <sub>2</sub> Ring. Anab Initio Molecular Orbital Study. <i>Inorganic Chemistry</i> , 1996, 35, 490-497.	1.9	47
25	<i>In vivo</i> $\mu$ -folded metal $\mu$ -metallothionein $\mu$ complexes reveal the Cu $\mu$ -thionein rather than Zn $\mu$ -thionein character of this brain $\mu$ -specific mammalian metallothionein. <i>FEBS Journal</i> , 2014, 281, 1659-1678.	2.2	47
26	Mammalian MT1 and MT2 metallothioneins differ in their metal binding abilities. <i>Metallomics</i> , 2013, 5, 1397.	1.0	46
27	The CdII-binding abilities of recombinant <i>Quercus suber</i> metallothionein: bridging the gap between phytochelatins and metallothioneins. <i>Journal of Biological Inorganic Chemistry</i> , 2007, 12, 867-882.	1.1	44
28	The response of the different soybean metallothionein isoforms to cadmium intoxication. <i>Journal of Inorganic Biochemistry</i> , 2012, 117, 306-315.	1.5	44
29	Ferritin iron uptake and release in the presence of metals and metalloproteins: Chemical implications in the brain. <i>Coordination Chemistry Reviews</i> , 2013, 257, 2752-2764.	9.5	44
30	Monitoring of the metal displacement from the recombinant mouse liver metallothionein Zn <sup>7</sup> -complex by capillary zone electrophoresis with electrospray MS detection. <i>Talanta</i> , 2002, 57, 1011-1017.	2.9	43
31	Structural study of the zinc and cadmium complexes of a type 2 plant ( <i>Quercus suber</i> ) metallothionein: Insights by vibrational spectroscopy. <i>Biopolymers</i> , 2007, 86, 240-248.	1.2	40
32	Extending knowledge on the nucleophilicity of the {Pt <sub>2</sub> S <sub>2</sub> } core: Ph <sub>2</sub> PCH <sub>2</sub> CH <sub>2</sub> PPh <sub>2</sub> as an alternative terminal ligand in [L <sub>2</sub> Pt( $\frac{1}{4}$ -S) <sub>2</sub> PtL <sub>2</sub> ] metalloligands $\mu$ . <i>Journal of the Chemical Society Dalton Transactions</i> , 1999, , 3103-3113.	1.1	37
33	<i>Caenorhabditis elegans</i> metallothionein isoform specificity $\mu$ metal binding abilities and the role of histidine in CeMT1 and CeMT2. <i>FEBS Journal</i> , 2009, 276, 7040-7056.	2.2	37
34	Hints for Metal-Preference Protein Sequence Determinants: Different Metal Binding Features of the Five <i>Tetrahymena thermophila</i> Metallothioneins. <i>International Journal of Biological Sciences</i> , 2015, 11, 456-471.	2.6	37
35	Synthesis and characterization of homo- and hetero-nuclear mixed thiolate phosphine complexes with NiII, PdII, and PtII. Crystal and molecular structure of bis( $\mu$ -(3-dimethylamino-1-propanethiolato))-bis{[1,2-bis(diphenylphosphino)-ethane]nickel(II)} tetraphenylborate. <i>Journal of the Chemical Society Dalton Transactions</i> . 1990. , 143-149.	1.1	36
36	MTO: the second member of a Drosophiladual copper-thionein system. <i>FEBS Letters</i> , 2003, 533, 72-78.	1.3	35

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37	Metagenomics analysis reveals a new metallothionein family: Sequence and metal-binding features of new environmental cysteine-rich proteins. <i>Journal of Inorganic Biochemistry</i> , 2017, 167, 1-11.	1.5	35
38	Is Ag(I) an adequate probe for Cu(I) in structural copper metallothionein studies?. <i>Journal of Biological Inorganic Chemistry</i> , 2003, 8, 831-842.	1.1	34
39	Preparation and X-ray crystal structure of $[Ni_6\{\frac{1}{4}-S(CH_2)_3N(CH_3)_2\}_2]_{12}$ , a cyclic hexameric homothiolate of nickel. <i>Polyhedron</i> , 1989, 8, 1253-1259.	1.0	33
40	<i>Drosophila</i> MTN: a metazoan copper-thionein related to fungal forms. <i>FEBS Letters</i> , 2000, 467, 189-194.	1.3	33
41	Zinc(II) is required for the in vivo and in vitro folding of mouse copper metallothionein in two domains. <i>Journal of Biological Inorganic Chemistry</i> , 2001, 6, 405-417.	1.1	33
42	Replacement of terminal cysteine with histidine in the metallothionein $\beta_1$ and $\beta_2$ domains maintains its binding capacity. <i>FEBS Journal</i> , 1999, 259, 519-527.	0.2	32
43	Zinc and Cadmium Complexes of a Plant Metallothionein under Radical Stress: Desulfurisation Reactions Associated with the Formation of <i>trans</i> -Lipids in Model Membranes. <i>Chemistry - A European Journal</i> , 2009, 15, 6015-6024.	1.7	32
44	The first stable copper(II) complex containing four sulfide ligands: synthesis and structural characterization of $[Pt_2(dppe)_2(\frac{1}{4}-S)_2]$ and $[Cu\{Pt_2(dppe)_2(\frac{1}{4}-S)_2\}_2]^{2+}$ . <i>Chemical Communications</i> , 1998, , 2.2	2.2	30
45	Comparative metal binding and genomic analysis of the avian (chicken) and mammalian metallothionein. <i>FEBS Journal</i> , 2006, 273, 523-535.	2.2	30
46	Comparative insight into the Zn(II)-, Cd(II)- and Cu(I)-binding features of the protozoan <i>Tetrahymena pyriformis</i> MT1 metallothionein. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 693-704.	1.1	30
47	<i>Cantareus aspersus</i> metallothionein metal binding abilities: The unspecific CaCd/CuMT isoform provides hints about the metal preference determinants in metallothioneins. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2014, 1844, 1694-1707.	1.1	30
48	Does Variation of the Inter-Domain Linker Sequence Modulate the Metal Binding Behaviour of Helix pomatia Cd-Metallothionein?. <i>International Journal of Molecular Sciences</i> , 2016, 17, 6.	1.8	30
49	Copper(II) <i>N,N,N',N',O</i> -Chelating Complexes as Potential Anticancer Agents. <i>Inorganic Chemistry</i> , 2021, 60, 2939-2952.	1.9	30
50	Mercury(II) binding to metallothioneins. Variables governing the formation and structural features of the mammalian Hg-MT species. <i>FEBS Journal</i> , 2004, 271, 4872-4880.	0.2	29
51	Ferritin and metallothionein: dangerous liaisons. <i>Chemical Communications</i> , 2011, 47, 12155.	2.2	28
52	Full characterization of the Cu-, Zn-, and Cd-binding properties of CnMT1 and CnMT2, two metallothioneins of the pathogenic fungus <i>Cryptococcus neoformans</i> acting as virulence factors. <i>Metallomics</i> , 2014, 6, 279-291.	1.0	28
53	Structural Adaptation of a Protein to Increased Metal Stress: NMR Structure of a Marine Snail Metallothionein with an Additional Domain. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 4617-4622.	7.2	28
54	Novel potentiometric sensors based on polysulfone immobilized metallothioneins as metal-ionophores. <i>Talanta</i> , 2009, 77, 1528-1533.	2.9	27

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55	Is MtnE, the fifth <i>Drosophila</i> metallothionein, functionally distinct from the other members of this polymorphic protein family?. <i>Metallomics</i> , 2012, 4, 342.	1.0	27
56	Computational Analysis of Cysteine Substitutions Modelled on the $\alpha$ - and $\beta$ -domains of Cd <sub>5</sub> Zn <sub>2</sub> -Metallothionein 2. <i>Journal of Molecular Modeling</i> , 1996, 2, 417-426.	0.8	26
57	In vivo copper- and cadmium-binding ability of mammalian metallothionein $\hat{1}^2$ domain. <i>Protein Engineering, Design and Selection</i> , 1999, 12, 265-269.	1.0	25
58	Cognate and noncognate metal ion coordination in metal-specific metallothioneins: the <i>Helix pomatia</i> system as a model. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 923-935.	1.1	25
59	Sunflower metallothionein family characterisation. Study of the Zn(II)- and Cd(II)-binding abilities of the HaMT1 and HaMT2 isoforms. <i>Journal of Inorganic Biochemistry</i> , 2015, 148, 35-48.	1.5	25
60	The metal binding abilities of <i>Megathura crenulata</i> metallothionein (McMT) in the frame of Gastropoda MTs. <i>Journal of Inorganic Biochemistry</i> , 2012, 108, 84-90.	1.5	24
61	New steroidal 7-azaindole platinum(II) antitumor complexes. <i>Journal of Inorganic Biochemistry</i> , 2013, 128, 48-56.	1.5	24
62	Displacement of ligands in [PtBr <sub>2</sub> (en)](en = ethylenediamine) by $\hat{1}^2$ - and $\hat{1}^3$ -mercaptoamines. <i>Journal of the Chemical Society Dalton Transactions</i> , 1992, , 173-181.	1.1	23
63	First Evidence of Fast S $\hat{1}$ ; $\hat{2}$ â€¦â€¦S Proton Transfer in a Transition Metal Complex. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 2776-2778.	7.2	23
64	The metal-binding features of the recombinant mussel <i>Mytilus edulis</i> MT-10-IV metallothionein. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 801-812.	1.1	22
65	The Fungus <i>Tremella mesenterica</i> Encodes the Longest Metallothionein Currently Known: Gene, Protein and Metal Binding Characterization. <i>PLoS ONE</i> , 2016, 11, e0148651.	1.1	21
66	Metal binding functions of metallothioneins in the slug <i>Arion vulgaris</i> differ from metal-specific isoforms of terrestrial snails. <i>Metallomics</i> , 2018, 10, 1638-1654.	1.0	19
67	Palladium(II) complexes with Pd <sub>2</sub> S <sub>2</sub> rings. Synthesis and theoretical characterization of [Pd <sub>2</sub> (dppe) <sub>2</sub> ( $\hat{1}^4$ -S) <sub>2</sub> ] and X-ray characterization of [Pd <sub>3</sub> (dppe) <sub>3</sub> ( $\hat{1}^4$ -S) <sub>2</sub> ]Cl <sub>2</sub> . <i>Inorganic Chemistry Communication</i> , 1998, 1, 466-468.	1.8	18
68	Influence of chloride ligands on the structure of Zn $\hat{1}$ and Cd $\hat{1}$ metallothionein species. <i>Archives of Biochemistry and Biophysics</i> , 2005, 435, 331-335.	1.4	18
69	Raman study of in vivo synthesized Zn(II) $\hat{1}$ metallothionein complexes: Structural insight into metal clusters and protein folding. <i>Biopolymers</i> , 2008, 89, 1114-1124.	1.2	18
70	Analysis of Metal-Binding Features of the Wild Type and Two Domain-Truncated Mutant Variants of <i>Littorina littorea</i> Metallothionein Reveals Its Cd-Specific Character. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1452.	1.8	18
71	Structural investigation of homonuclear Pt <sub>2</sub> and heteronuclear PdPt complexes containing a metal $\hat{1}$ -metal bond bridged by hydrido and sulfido ligands. <i>Acta Crystallographica Section B: Structural Science</i> , 1996, 52, 270-276.	1.8	17
72	Evidence of Native Metal $\hat{1}$ -S <sup>2+</sup> $\hat{1}$ Metallothionein Complexes Confirmed by the Analysis of Cup1 Divalent $\hat{1}$ -Metal $\hat{1}$ -on Binding Properties. <i>Chemistry - A European Journal</i> , 2010, 16, 12363-12372.	1.7	17

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73	The sea urchin metallothionein system: Comparative evaluation of the SpMTA and SpMTB metal-binding preferences. <i>FEBS Open Bio</i> , 2013, 3, 89-100.	1.0	17
74	Rhenium and technetium tricarbonyl, $\{M(CO)_3\}^+$ (M=Re, Tc), binding to mammalian metallothioneins: new insights into chemical and radiopharmaceutical implications. <i>Journal of Biological Inorganic Chemistry</i> , 2015, 20, 465-474.	1.1	17
75	Comparative Raman study of four plant metallothionein isoforms: Insights into their Zn(II) clusters and protein conformations. <i>Journal of Inorganic Biochemistry</i> , 2016, 156, 55-63.	1.5	17
76	Differential ESI-MS behaviour of highly similar metallothioneins. <i>Talanta</i> , 2011, 83, 1057-1061.	2.9	16
77	The Solution Structure and Dynamics of Cd-Metallothionein from <i>Helix pomatia</i> Reveal Optimization for Binding Cd over Zn. <i>Biochemistry</i> , 2019, 58, 4570-4581.	1.2	16
78	Comparative genomics analysis of metallothioneins in twelve <i>Drosophila</i> species. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 1050-1059.	1.5	15
79	Monitoring lactoferrin iron levels by fluorescence resonance energy transfer: a combined chemical and computational study. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 439-447.	1.1	15
80	Metallomics reveals a persisting impact of cadmium on the evolution of metal-selective snail metallothioneins. <i>Metallomics</i> , 2020, 12, 702-720.	1.0	15
81	Metal Dealing at the Origin of the Chordata Phylum: The Metallothionein System and Metal Overload Response in <i>Amphioxus</i> . <i>PLoS ONE</i> , 2012, 7, e43299.	1.1	15
82	Chemical foundation of the attenuation of methylmercury(II) cytotoxicity by metallothioneins. <i>FEBS Journal</i> , 2004, 271, 1323-1328.	0.2	14
83	Non-enzymatic modifications in metallothioneins connected to lipid membrane damages: Structural and biomimetic studies under reductive radical stress. <i>Journal of Proteomics</i> , 2013, 92, 204-215.	1.2	14
84	<i>Biomphalaria glabrata</i> Metallothionein: Lacking Metal Specificity of the Protein and Missing Gene Upregulation Suggest Metal Sequestration by Exchange Instead of through Selective Binding. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1457.	1.8	14
85	Mouse metallothionein-1 and metallothionein-2 are not biologically interchangeable in an animal model of multiple sclerosis, EAE. <i>Metallomics</i> , 2019, 11, 327-337.	1.0	14
86	Pb(II) binding to the brain specific mammalian metallothionein isoform MT3 and its isolated NMT3 and CMT3 domains. <i>Metallomics</i> , 2019, 11, 349-361.	1.0	14
87	Synthesis and X-ray crystal structure of $[Pt_2(\eta^4-H)(\eta^4-S)(dppe)_2]^+$ , a diplatinum cation with hydrido and sulphido ligands bridging a Pt-Pt bond. <i>Polyhedron</i> , 1992, 11, 3091-3093.	1.0	12
88	His-containing plant metallothioneins: comparative study of divalent metal-ion binding by plant MT3 and MT4 isoforms. <i>Journal of Biological Inorganic Chemistry</i> , 2014, 19, 1149-1164.	1.1	12
89	Modularity in Protein Evolution: Modular Organization and De Novo Domain Evolution in Mollusk Metallothioneins. <i>Molecular Biology and Evolution</i> , 2021, 38, 424-436.	3.5	12
90	Identification of two frataxin isoforms in <i>Zea mays</i> : Structural and functional studies. <i>Biochimie</i> , 2017, 140, 34-47.	1.3	11

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91	Studying the reactivity of $\text{Cu(II)}$ complexes for anticancer purposes. <i>Journal of Inorganic Biochemistry</i> , 2019, 195, 51-60.	1.5	11
92	Electrochemical and theoretical study of the redox properties of transition metal complexes with $\{\text{Pt}_2\text{S}_2\}$ cores. <i>Dalton Transactions</i> , 2004, , 706-712.	1.6	10
93	Studying the interactions of a platinum(II) 9-aminoacridine complex with proteins and oligonucleotides by ESI-TOF MS. <i>Dalton Transactions</i> , 2012, 41, 300-306.	1.6	10
94	Structural Lesions of Proteins Connected to Lipid Membrane Damages Caused by Radical Stress: Assessment by Biomimetic Systems and Raman Spectroscopy. <i>Biomolecules</i> , 2019, 9, 794.	1.8	10
95	The Zn- and Cd-Clusters of Recombinant Mammalian MT1 and MT4 Metallothionein Domains Include Sulfide Ligands. <i>Experimental Biology and Medicine</i> , 2006, 231, 1522-1527.	1.1	9
96	Biomimetic Chemistry on Tandem Protein/Lipid Damages under Reductive Radical Stress. <i>Chimia</i> , 2008, 62, 721-727.	0.3	9
97	The first isoform-selective protein biosensor: a metallothionein potentiometric electrode. <i>Chemical Communications</i> , 2010, 46, 2040.	2.2	9
98	Understanding the interaction of an antitumoral platinum(II) 7-azaindolate complex with proteins and DNA. <i>BioMetals</i> , 2014, 27, 1159-1177.	1.8	8
99	Varying iron release from transferrin and lactoferrin proteins. A laboratory experiment. <i>Biochemistry and Molecular Biology Education</i> , 2017, 45, 521-527.	0.5	8
100	Copper redox chemistry of plant frataxins. <i>Journal of Inorganic Biochemistry</i> , 2018, 180, 135-140.	1.5	8
101	Metal binding properties of three Cys <sub>2</sub> X <sub>2</sub> (X = His, Asp) metallothionein-related peptides. <i>Inorganica Chimica Acta</i> , 1998, 278, 10-14.	1.2	7
102	The Zn- or Cu-Thionein Character of a Metallothionein Determines Its Metal Load When Synthesized in Physiological (Metal-Unsupplemented) Conditions. <i>Bioinorganic Chemistry and Applications</i> , 2010, 2010, 1-6.	1.8	7
103	Squaramide-Based Pt(II) Complexes as Potential Oxygen-Regulated Light-Triggered Photocages. <i>Inorganic Chemistry</i> , 2018, 57, 15517-15525.	1.9	7
104	Two Unconventional Metallothioneins in the Apple Snail <i>Pomacea bridgesii</i> Have Lost Their Metal Specificity during Adaptation to Freshwater Habitats. <i>International Journal of Molecular Sciences</i> , 2021, 22, 95.	1.8	7
105	Monitoring of the metal displacement from the recombinant mouse liver metallothionein Zn(II)-complex by capillary zone electrophoresis with electrospray MS detection. <i>Talanta</i> , 2002, 57, 1011-7.	2.9	7
106	Tunicates Illuminate the Enigmatic Evolution of Chordate Metallothioneins by Gene Gains and Losses, Independent Modular Expansions, and Functional Convergences. <i>Molecular Biology and Evolution</i> , 2021, 38, 4435-4448.	3.5	6
107	Metal-Specificity Divergence between Metallothioneins of <i>Nerita peloronta</i> (Neritimorpha). <i>Journal of Molecular Sciences</i> , 2021, 22, 13114.	1.8	6
108	Modular Evolution and Population Variability of <i>Oikopleura dioica</i> Metallothioneins. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 702688.	1.8	5

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109	The Role of Histidine in a Copper-Specific Metallothionein. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2013, 639, 1356-1360.	0.6	4
110	Chemically and Biologically Harmless versus Harmful Ferritin/Copper-Metallothionein Couples. Chemistry - A European Journal, 2015, 21, 808-813.	1.7	4
111	Understanding the Cys module amplification of C. neoformans metallothioneins: how high capacity metal-binding polypeptides are built to neutralize host nutritional immunity. Molecular Microbiology, 2015, 98, 977-992.	1.2	4
112	Metallothioneins and Mercury. , 2013, , 1386-1390.		4
113	Preface. Special Issue featuring articles from the Eleventh International Symposium on Applied Bioinorganic Chemistry. Journal of Inorganic Biochemistry, 2012, 117, 204.	1.5	1
114	Functionalized azobenzene platinum(II) complexes as putative anticancer compounds. Journal of Biological Inorganic Chemistry, 2021, 26, 435-453.	1.1	1
115	Recombinant synthesis and metal-binding abilities of mouse metallothionein 1 and its I±- and I²-domains. , 1999, , 55-61.		1
116	Metallothioneins and Copper. , 2013, , 1379-1383.		1
117	Synthesis and In Vitro Studies of Photoactivatable Semisquaraine-type Pt(II) Complexes. Inorganic Chemistry, 2022, 61, 7729-7745.	1.9	1
118	Toxicology (Pb, Hg, Cd, As, Al, Cr, and Others). , 2013, , 51-63.		0
119	Strukturanpassung eines Proteins an Metallbelastung: NMR-Struktur eines marinen Schnecken-Metallothioneins mit einer zusätzlichen Domäne. Angewandte Chemie, 2017, 129, 4688-4693.	1.6	0
120	Goodbye to Silvia Atrian. Metallomics, 2019, 11, 238-239.	1.0	0
121	Metallothioneins and Lead. , 2013, , 1383-1386.		0