

Enrico Rizzarelli

List of Publications by Year in descending order

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284
papers

10,930
citations

38660

50
h-index

49773

87
g-index

291
all docs

291
docs citations

291
times ranked

10327
citing authors

#	ARTICLE	IF	CITATIONS
1	A Deeper Insight in Metal Binding to the hCtr1 N-terminus Fragment: Affinity, Speciation and Binding Mode of Binuclear Cu ²⁺ and Mononuclear Ag ⁺ Complex Species. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2929.	1.8	7
2	Synergistic Effect of L-Carnosine and Hyaluronic Acid in Their Covalent Conjugates on the Antioxidant Abilities and the Mutual Defense against Enzymatic Degradation. <i>Antioxidants</i> , 2022, 11, 664.	2.2	4
3	Metal ion coordination in peptide fragments of neurotrophins: A crucial step for understanding the role and signaling of these proteins in the brain. <i>Coordination Chemistry Reviews</i> , 2021, 435, 213790.	9.5	11
4	Nerve Growth Factor Peptides Bind Copper(II) with High Affinity: A Thermodynamic Approach to Unveil Overlooked Neurotrophin Roles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 5085.	1.8	4
5	Mono- and dialdehyde of trehalose: new synthons to prepare trehalose bio-conjugates. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9427-9432.	1.5	1
6	Ionophore Ability of Carnosine and Its Trehalose Conjugate Assists Copper Signal in Triggering Brain-Derived Neurotrophic Factor and Vascular Endothelial Growth Factor Activation In Vitro. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13504.	1.8	4
7	Membrane Binding Strongly Affecting the Dopamine Reactivity Induced by Copper Prion and Copper/Amyloid- β (A β) Peptides. A Ternary Copper/A β /Prion Peptide Complex Stabilized and Solubilized in Sodium Dodecyl Sulfate Micelles. <i>Inorganic Chemistry</i> , 2020, 59, 900-912.	1.9	14
8	Role for Metallothionein-3 in the Resistance of Human U87 Glioblastoma Cells to Temozolomide. <i>ACS Omega</i> , 2020, 5, 17900-17907.	1.6	8
9	Hyaluronan-carnosine conjugates inhibit A β aggregation and toxicity. <i>Scientific Reports</i> , 2020, 10, 15998.	1.6	17
10	Interaction between Hemin and Prion Peptides: Binding, Oxidative Reactivity and Aggregation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7553.	1.8	7
11	Zinc Interactions with a Soluble Mutated Rat Amylin to Mimic Whole Human Amylin: An Experimental and Simulation Approach to Understand Stoichiometry, Speciation and Coordination of the Metal Complexes. <i>Chemistry - A European Journal</i> , 2020, 26, 13072-13084.	1.7	6
12	Increased Thyroid Cancer Incidence in Volcanic Areas: A Role of Increased Heavy Metals in the Environment?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3425.	1.8	20
13	Protective effect of a new hyaluronic acid -carnosine conjugate on the modulation of the inflammatory response in mice subjected to collagen-induced arthritis. <i>Biomedicine and Pharmacotherapy</i> , 2020, 125, 110023.	2.5	41
14	hNGF Peptides Elicit the NGF-TrkA Signalling Pathway in Cholinergic Neurons and Retain Full Neurotrophic Activity in the DRG Assay. <i>Biomolecules</i> , 2020, 10, 216.	1.8	9
15	The Protective Effect of New Carnosine-Hyaluronic Acid Conjugate on the Inflammation and Cartilage Degradation in the Experimental Model of Osteoarthritis. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 1324.	1.3	7
16	The copper(II) binding centres of carbonic anhydrase are differently affected by reductants that ensure the redox intracellular environment. <i>Journal of Inorganic Biochemistry</i> , 2019, 199, 110759.	1.5	5
17	Copper complexes of synthetic peptides mimicking neurotrophin-3 enhance neurite outgrowth and CREB phosphorylation. <i>Metallomics</i> , 2019, 11, 1567-1578.	1.0	10
18	The Copper(II)-Assisted Connection between NGF and BDNF by Means of Nerve Growth Factor-Mimicking Short Peptides. <i>Cells</i> , 2019, 8, 301.	1.8	25

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19	Zn ²⁺ Interaction with Amyloid- β : Affinity and Speciation. <i>Molecules</i> , 2019, 24, 2796.	1.7	13
20	Carnosine protects pancreatic beta cells and islets against oxidative stress damage. <i>Molecular and Cellular Endocrinology</i> , 2018, 474, 105-118.	1.6	33
21	Water soluble glucose derivative of thiocarbohydrazone acts as ionophore with cytotoxic effects on tumor cells. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 92-102.	1.5	17
22	A New Ratiometric Lysosomal Copper(II) Fluorescent Probe To Map a Dynamic Metallome in Live Cells. <i>Inorganic Chemistry</i> , 2018, 57, 2365-2368.	1.9	40
23	Binding of Zn(II) to Tropomyosin Receptor Kinase A in Complex with Its Cognate Nerve Growth Factor: Insights from Molecular Simulation and <i>in Vitro</i> Assays. <i>ACS Chemical Neuroscience</i> , 2018, 9, 1095-1103.	1.7	3
24	Copper-assisted interaction between amyloid- β and prion: Ternary metal complexes with A β N-terminus and octarepeat. <i>Inorganica Chimica Acta</i> , 2018, 472, 93-102.	1.2	6
25	Angiogenin-mimetic peptide functionalised gold nanoparticles for cancer therapy applications. <i>Microchemical Journal</i> , 2018, 136, 157-163.	2.3	11
26	Amyloid Beta monomers regulate cyclic adenosine monophosphate response element binding protein functions by activating type-1 insulin-like growth factor receptors in neuronal cells. <i>Aging Cell</i> , 2018, 17, e12684.	3.0	60
27	A promising connection between BDNF and Alzheimer's disease. <i>Aging</i> , 2018, 10, 1791-1792.	1.4	42
28	Peptides derived from the histidine-proline rich glycoprotein bind copper ions and exhibit anti-angiogenic properties. <i>Dalton Transactions</i> , 2018, 47, 9492-9503.	1.6	17
29	An inorganic overview of natural A β fragments: Copper(II) and zinc(II)-mediated pathways. <i>Coordination Chemistry Reviews</i> , 2018, 369, 1-14.	9.5	14
30	Transcriptome analysis reveals an altered expression profile of zinc transporters in colorectal cancer. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 9707-9719.	1.2	42
31	Cytotoxic phenanthroline derivatives alter metallostasis and redox homeostasis in neuroblastoma cells. <i>Oncotarget</i> , 2018, 9, 36289-36316.	0.8	18
32	Multitarget trehalose-carnosine conjugates inhibit A β aggregation, tune copper(II) activity and decrease acrolein toxicity. <i>European Journal of Medicinal Chemistry</i> , 2017, 135, 447-457.	2.6	32
33	Fluorescent Copper Probe Inhibiting A β 1-16-Copper(II)-Catalyzed Intracellular Reactive Oxygen Species Production. <i>Inorganic Chemistry</i> , 2017, 56, 3729-3732.	1.9	12
34	Prion Peptides Are Extremely Sensitive to Copper Induced Oxidative Stress. <i>Inorganic Chemistry</i> , 2017, 56, 11317-11325.	1.9	15
35	From Peptide Fragments to Whole Protein: Copper(II) Load and Coordination Features of IAPP. <i>Chemistry - A European Journal</i> , 2017, 23, 17898-17902.	1.7	10
36	Editorial (Thematic Issue: Medicinal Inorganic Chemistry: Identification of New Targets in Drug) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62</i>	1.0	0

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37	The Inorganic Side of NGF: Copper(II) and Zinc(II) Affect the NGF Mimicking Signaling of the N-Terminus Peptides Encompassing the Recognition Domain of TrkA Receptor. <i>Frontiers in Neuroscience</i> , 2016, 10, 569.	1.4	26
38	Coordination Environment of Cu(II) Ions Bound to N-Terminal Peptide Fragments of Angiogenin Protein. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1240.	1.8	29
39	AcetylPFDFTh: A Trehalose-Conjugated Peptidomimetic as a Strong Suppressor of Amyloid β Oligomer Formation and Cytotoxicity. <i>ChemBioChem</i> , 2016, 17, 1541-1549.	1.3	28
40	Copper(II) ions affect the gating dynamics of the 20S proteasome: a molecular and in cell study. <i>Scientific Reports</i> , 2016, 6, 33444.	1.6	34
41	Liposome antibody-ionophore conjugate antiproliferative activity increases by cellular metallostasis alteration. <i>MedChemComm</i> , 2016, 7, 2364-2367.	3.5	6
42	New Insight in Copper-Ion Binding to Human Islet Amyloid: The Contribution of Metal-Complex Speciation To Reveal the Polypeptide Toxicity. <i>Chemistry - A European Journal</i> , 2016, 22, 13287-13300.	1.7	18
43	Silver nanoparticles functionalized with a fluorescent cyclic RGD peptide: a versatile integrin targeting platform for cells and bacteria. <i>RSC Advances</i> , 2016, 6, 112381-112392.	1.7	29
44	Ubiquitin Associates with the N-Terminal Domain of Nerve Growth Factor: The Role of Copper(II) Ions. <i>Chemistry - A European Journal</i> , 2016, 22, 17767-17775.	1.7	5
45	Transcriptome analysis of copper homeostasis genes reveals coordinated upregulation of <i>SLC31A1</i> , <i>SCO1</i> , and <i>COX11</i> in colorectal cancer. <i>FEBS Open Bio</i> , 2016, 6, 794-806.	1.0	68
46	ATOX1 gene silencing increases susceptibility to anticancer therapy based on copper ionophores or chelating drugs. <i>Journal of Inorganic Biochemistry</i> , 2016, 156, 145-152.	1.5	7
47	The Inorganic Perspective of VEGF: Interactions of Cu ²⁺ with Peptides Encompassing a Recognition Domain of the VEGF Receptor. <i>Journal of Inorganic Biochemistry</i> , 2016, 159, 149-158.	1.5	15
48	Synthetic fluorescent probes to map metallostasis and intracellular fate of zinc and copper. <i>Coordination Chemistry Reviews</i> , 2016, 311, 125-167.	9.5	81
49	Copper binding to naturally occurring, lactam form of angiogenin differs from that to recombinant protein, affecting their activity. <i>Metallomics</i> , 2016, 8, 118-124.	1.0	20
50	Intracellular Bioinorganic Chemistry and Cross Talk Among Different -Omics. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 3103-3130.	1.0	28
51	Perspectives in Medicinal Chemistry: Metallomics and New Targets in Metal-Based Drug Discovery. <i>Current Topics in Medicinal Chemistry</i> , 2016, 16, 3381-3382.	1.0	2
52	Crosstalk Between the Octarepeat Domain and the Fifth Binding Site of Prion Protein Driven by the Interaction of Copper(II) with the N-Terminus. <i>Chemistry - A European Journal</i> , 2015, 21, 4071-4084.	1.7	13
53	Monomeric A β -amyloid interacts with type-1 insulin-like growth factor receptors to provide energy supply to neurons. <i>Frontiers in Cellular Neuroscience</i> , 2015, 9, 297.	1.8	44
54	Carnosine and Cognitive Deficits. , 2015, , 973-982.		6

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55	â™™ Copper (II) ions modulate Angiogenin activity in human endothelial cells. International Journal of Biochemistry and Cell Biology, 2015, 60, 185-196.	1.2	51
56	A Small Linear Peptide Encompassing the NGF N-Terminus Partly Mimics the Biological Activities of the Entire Neurotrophin in PC12 Cells. ACS Chemical Neuroscience, 2015, 6, 1379-1392.	1.7	20
57	Different zinc(II) complex species and binding modes at AÎ² N-terminus drive distinct long range cross-talks in the AÎ² monomers. Journal of Inorganic Biochemistry, 2015, 153, 367-376.	1.5	18
58	Semax, an ACTH4-10 peptide analog with high affinity for copper(II) ion and protective ability against metal induced cell toxicity. Journal of Inorganic Biochemistry, 2015, 142, 39-46.	1.5	12
59	Carnosinases, Their Substrates and Diseases. Molecules, 2014, 19, 2299-2329.	1.7	74
60	Coordination Properties of 3-Functionalised Î²-Cyclodextrins: Thermodynamic Stereoselectivity of Copper(II) Complexes of the 3-Histamine Derivative and Its Exploitation in Ligand-Exchange Capillary Electrophoresis. European Journal of Inorganic Chemistry, 2014, 2014, 377-383.	1.0	11
61	Evolutionary Implications of Metal Binding Features in Different Speciesâ€™ Prion Protein: An Inorganic Point of View. Biomolecules, 2014, 4, 546-565.	1.8	9
62	Copper(II)-chelating homocarnosine glycoconjugate as a new multifunctional compound. Journal of Inorganic Biochemistry, 2014, 131, 56-63.	1.5	32
63	A novel fully water-soluble Cu(<i>scp</i>) probe for fluorescence live cell imaging. Chemical Communications, 2014, 50, 9835.	2.2	53
64	Structural Determinants in Prion Protein Folding and Stability. Journal of Molecular Biology, 2014, 426, 3796-3810.	2.0	28
65	The copper(II) and zinc(II) coordination mode of HExxH and HxxEH motif in small peptides: The role of carboxylate location and hydrogen bonding network. Journal of Inorganic Biochemistry, 2014, 130, 92-102.	1.5	25
66	PARP-1 Inhibitors DPO and PJ-34 Negatively Modulate Proinflammatory Commitment of Human Glioblastoma Cells. Neurochemical Research, 2013, 38, 50-58.	1.6	23
67	A ratiometric naphthalimide sensor for live cell imaging of copper(i). Chemical Communications, 2013, 49, 5565.	2.2	46
68	New derivative of carnosine for nanoparticle assemblies. European Journal of Medicinal Chemistry, 2013, 70, 225-232.	2.6	17
69	Electrostatically driven interaction of silica-supported lipid bilayer nanoplatfoms and a nerve growth factor-mimicking peptide. Soft Matter, 2013, 9, 4648.	1.2	15
70	Carnosine Inhibits AÎ² ₄₂ Aggregation by Perturbing the Hâ€ Bond Network in and around the Central Hydrophobic Cluster. ChemBioChem, 2013, 14, 583-592.	1.3	76
71	Affinity, Speciation, and Molecular Features of Copper(II) Complexes with a Prion Tetraoctarepeat Domain in Aqueous Solution: Insights into Old and New Results. Chemistry - A European Journal, 2013, 19, 3751-3761.	1.7	15
72	(<i>E</i>)-2-cyano-3-(5-piperidin-1-yl-2,2-bithien-5-yl)acrylic Acid: A Fluorescent Probe for Detecting Prefibrillar Oligomers. European Journal of Organic Chemistry, 2013, 2013, 3635-3639.	1.2	6

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73	Zinc(II) Interactions with Brain-Derived Neurotrophic Factor N-Terminal Peptide Fragments: Inorganic Features and Biological Perspectives. <i>Inorganic Chemistry</i> , 2013, 52, 11075-11083.	1.9	27
74	Inorganic Stressors of Ubiquitin. <i>Inorganic Chemistry</i> , 2013, 52, 9567-9573.	1.9	24
75	Metallostatics and amyloid β -degrading enzymes. <i>Metallomics</i> , 2012, 4, 937.	1.0	33
76	Copper, BDNF and Its N-Terminal Domain: Inorganic Features and Biological Perspectives. <i>Chemistry - A European Journal</i> , 2012, 18, 15618-15631.	1.7	35
77	Probing the Copper(II) Binding Features of Angiogenin. Similarities and Differences between a N-Terminus Peptide Fragment and the Recombinant Human Protein. <i>Inorganic Chemistry</i> , 2012, 51, 128-141.	1.9	27
78	The inorganic perspectives of neurotrophins and Alzheimer's disease. <i>Journal of Inorganic Biochemistry</i> , 2012, 111, 130-137.	1.5	27
79	Cellular stress responses, hormetic phytochemicals and vitagenes in aging and longevity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 753-783.	1.8	351
80	Interactions of Cu ²⁺ with prion family peptide fragments: Considerations on affinity, speciation and coordination. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2202-2218.	9.5	54
81	Metal ions affect insulin-degrading enzyme activity. <i>Journal of Inorganic Biochemistry</i> , 2012, 117, 351-358.	1.5	48
82	Carnosine derivatives: new multifunctional drug-like molecules. <i>Amino Acids</i> , 2012, 43, 153-163.	1.2	50
83	Copper(II) interaction with amyloid- β : Affinity and speciation. <i>Coordination Chemistry Reviews</i> , 2012, 256, 3-12.	9.5	66
84	Mixed metal copper(II)-nickel(II) and copper(II)-zinc(II) complexes of multihistidine peptide fragments of human prion protein. <i>Journal of Inorganic Biochemistry</i> , 2012, 112, 17-24.	1.5	22
85	Copper(II) interaction with peptide fragments of histidine-proline-rich glycoprotein: Speciation, stability and binding details. <i>Journal of Inorganic Biochemistry</i> , 2012, 111, 59-69.	1.5	30
86	The effect of point mutations on copper(II) complexes with peptide fragments encompassing the 106-114 region of human prion protein. , 2012, , 189-197.		0
87	Copper(ii) complexes of rat amylin fragments. <i>Dalton Transactions</i> , 2011, 40, 9711.	1.6	24
88	Zn ²⁺ 's Ability to Alter the Distribution of Cu ²⁺ among the Available Binding Sites of A β (1-16)-Polyethylenglycol-ylated Peptide: Implications in Alzheimer's Disease. <i>Inorganic Chemistry</i> , 2011, 50, 5342-5350.	1.9	45
89	Hormesis, cellular stress response and vitagenes as critical determinants in aging and longevity. <i>Molecular Aspects of Medicine</i> , 2011, 32, 279-304.	2.7	192
90	Neuroprotective features of carnosine in oxidative driven diseases. <i>Molecular Aspects of Medicine</i> , 2011, 32, 258-266.	2.7	110

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91	Administration of carnosine in the treatment of acute spinal cord injury. <i>Biochemical Pharmacology</i> , 2011, 82, 1478-1489.	2.0	57
92	Noncovalent Interaction-Driven Stereoselectivity of Copper(II) Complexes with Cyclodextrin Derivatives of α - and β -Carnosine. <i>Inorganic Chemistry</i> , 2011, 50, 4917-4924.	1.9	22
93	The effect of point mutations on copper(II) complexes with peptide fragments encompassing the 106-114 region of human prion protein. <i>Monatshefte für Chemie</i> , 2011, 142, 411-419.	0.9	15
94	The Inorganic Perspective of Nerve Growth Factor: Interactions of Cu^{2+} and Zn^{2+} with the N-Terminus Fragment of Nerve Growth Factor Encompassing the Recognition Domain of the TrkA Receptor. <i>Chemistry - A European Journal</i> , 2011, 17, 3726-3738.	1.7	52
95	α -Copper(I) and Copper(II) Inhibit $\text{A}\beta$ Peptides Proteolysis by Insulin-Degrading Enzyme Differently: Implications for Metallostatic Alteration in Alzheimer's Disease. <i>Chemistry - A European Journal</i> , 2011, 17, 2752-2762.	1.7	68
96	Intramolecular Weak Interactions in the Thermodynamic Stereoselectivity of Copper(II) Complexes with Carnosine-Trehalose Conjugates. <i>Chemistry - A European Journal</i> , 2011, 17, 9448-9455.	1.7	24
97	Zinc(II) Complexes of Ubiquitin: Speciation, Affinity and Binding Features. <i>Chemistry - A European Journal</i> , 2011, 17, 11596-11603.	1.7	34
98	A Versatile Strategy for Signal Amplification Based on Core/Shell Silica Nanoparticles. <i>Chemistry - A European Journal</i> , 2011, 17, 13429-13432.	1.7	42
99	New glycoside derivatives of carnosine and analogs resistant to carnosinase hydrolysis: Synthesis and characterization of their copper(II) complexes. <i>Journal of Inorganic Biochemistry</i> , 2011, 105, 181-188.	1.5	39
100	Effects of Dietary Supplementation of Carnosine on Mitochondrial Dysfunction, Amyloid Pathology, and Cognitive Deficits in 3xTg-AD Mice. <i>PLoS ONE</i> , 2011, 6, e17971.	1.1	151
101	Modulation of PARP-1 and PARP-2 Expression by L-carnosine and Trehalose After LPS and $\text{INF}\gamma$ -Induced Oxidative Stress. <i>Neurochemical Research</i> , 2010, 35, 2144-2153.	1.6	24
102	A Doppel-Helix Peptide Fragment Mimics the Copper(II) Interactions with the Whole Protein. <i>Chemistry - A European Journal</i> , 2010, 16, 6212-6223.	1.7	28
103	Nickel(II) complexes of the multihistidine peptide fragments of human prion protein. <i>Journal of Inorganic Biochemistry</i> , 2010, 104, 885-891.	1.5	33
104	The Monomer State of Beta-Amyloid: Where the Alzheimer's Disease Protein Meets Physiology. <i>Reviews in the Neurosciences</i> , 2010, 21, 83-93.	1.4	72
105	Membrane Interactions and Conformational Preferences of Human and Avian Prion N-Terminal Tandem Repeats: The Role of Copper(II) Ions, pH, and Membrane Mimicking Environments. <i>Journal of Physical Chemistry B</i> , 2010, 114, 13830-13838.	1.2	37
106	Copper(ii) complex formation with a linear peptide encompassing the putative cell binding site of angiotensin. <i>Dalton Transactions</i> , 2010, 39, 10678.	1.6	33
107	Nickel(ii) and mixed metal complexes of amyloid- β N-terminus. <i>Dalton Transactions</i> , 2010, 39, 7046.	1.6	26
108	Vitagenes, dietary antioxidants and neuroprotection in neurodegenerative diseases. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 376.	3.0	129

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109	Carnosinase Levels in Aging Brain: Redox State Induction and Cellular Stress Response. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2759-2775.	2.5	55
110	Conformational Preferences of the Full Chicken Prion Protein in Solution and Its Differences with Respect to Mammals. <i>ChemPhysChem</i> , 2009, 10, 1500-1510.	1.0	8
111	The proteolytic activity of insulin-degrading enzyme: a mass spectrometry study. <i>Journal of Mass Spectrometry</i> , 2009, 44, 735-741.	0.7	33
112	Crystal and molecular structure of β -cyclodextrins functionalized with the anti-inflammatory drug Etodolac. <i>Biopolymers</i> , 2009, 91, 1227-1235.	1.2	6
113	Enzyme solid-state support assays: a surface plasmon resonance and mass spectrometry coupled study of immobilized insulin degrading enzyme. <i>European Biophysics Journal</i> , 2009, 38, 407-414.	1.2	37
114	Design and synthesis of new trehalose-conjugated pentapeptides as inhibitors of $A\beta(1-42)$ fibrillogenesis and toxicity. <i>Journal of Peptide Science</i> , 2009, 15, 220-228.	0.8	43
115	MALDI, AP/MALDI and ESI techniques for the MS detection of amyloid β -peptides. <i>International Journal of Mass Spectrometry</i> , 2009, 282, 50-55.	0.7	31
116	Copper(II) complexes with an avian prion N-terminal region and their potential SOD-like activity. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 195-204.	1.5	27
117	Copper(II) complexes with peptide fragments encompassing the sequence 122-130 of human doppel protein. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 758-765.	1.5	26
118	Somatostatin: A Novel Substrate and a Modulator of Insulin-Degrading Enzyme Activity. <i>Journal of Molecular Biology</i> , 2009, 385, 1556-1567.	2.0	67
119	Protective Effects of L- and D-Carnosine on β -Crystallin Amyloid Fibril Formation: Implications for Cataract Disease. <i>Biochemistry</i> , 2009, 48, 6522-6531.	1.2	52
120	Selectively functionalized cyclodextrins and their metal complexes. <i>Chemical Society Reviews</i> , 2009, 38, 2756.	18.7	152
121	β -Amyloid Monomers Are Neuroprotective. <i>Journal of Neuroscience</i> , 2009, 29, 10582-10587.	1.7	350
122	Metal Loading Capacity of $A\beta$ N-Terminus: a Combined Potentiometric and Spectroscopic Study of Zinc(II) Complexes with $A\beta(1-16)$, Its Short or Mutated Peptide Fragments and Its Polyethylene Glycol-ylated Analogue. <i>Inorganic Chemistry</i> , 2009, 48, 10405-10415.	1.9	70
123	Copper(ii) complexes of prion protein PEG11-tetraoctarepeat fragment: spectroscopic and voltammetric studies. <i>Dalton Transactions</i> , 2009, , 2637.	1.6	17
124	Nitric Oxide in Cell Survival: A Janus Molecule. <i>Antioxidants and Redox Signaling</i> , 2009, 11, 2717-2739.	2.5	184
125	Copper-Triggered Aggregation of Ubiquitin. <i>PLoS ONE</i> , 2009, 4, e7052.	1.1	46
126	Cellular Stress Response: A Novel Target for Chemoprevention and Nutritional Neuroprotection in Aging, Neurodegenerative Disorders and Longevity. <i>Neurochemical Research</i> , 2008, 33, 2444-2471.	1.6	259

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127	Copper(II) binding to two novel histidine-containing model hexapeptides: Evidence for a metal ion driven turn conformation. <i>Journal of Inorganic Biochemistry</i> , 2008, 102, 2012-2019.	1.5	11
128	How the binding and degrading capabilities of insulin degrading enzyme are affected by ubiquitin. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 1122-1126.	1.1	40
129	New glycosidic derivatives of histidine-containing dipeptides with antioxidant properties and resistant to carnosinase activity. <i>European Journal of Medicinal Chemistry</i> , 2008, 43, 373-380.	2.6	41
130	Carcinine- β -cyclodextrin derivatives as scavenger entities of OH radicals and SOD-like properties of their copper(II) complexes. <i>Inorganica Chimica Acta</i> , 2008, 361, 1705-1714.	1.2	13
131	The Metal Loading Ability of β -Amyloid N-Terminus: A Combined Potentiometric and Spectroscopic Study of Copper(II) Complexes with β -Amyloid(1-16), Its Short or Mutated Peptide Fragments, and Its Polyethylene Glycol (PEG)-ylated Analogue. <i>Inorganic Chemistry</i> , 2008, 47, 9669-9683.	1.9	92
132	Studies of nitric oxide interaction with mono- and dinuclear copper(ii) complexes of prion protein bis-octarepeat fragments. <i>Dalton Transactions</i> , 2008, , 3805.	1.6	20
133	Unveiling the Role of Histidine and Tyrosine Residues on the Conformation of the Avian Prion Hexarepeat Domain. <i>Journal of Physical Chemistry B</i> , 2008, 112, 5182-5188.	1.2	21
134	Prion Proteins Leading to Neurodegeneration. <i>Current Alzheimer Research</i> , 2008, 5, 579-590.	0.7	20
135	Protective effect of orally administered carnosine on bleomycin-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2007, 292, L1095-L1104.	1.3	63
136	Trehalose effects on β -crystallin aggregates. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 899-905.	1.0	24
137	Nitric oxide in the central nervous system: neuroprotection versus neurotoxicity. <i>Nature Reviews Neuroscience</i> , 2007, 8, 766-775.	4.9	1,208
138	Spectroscopic and self-association behavior of a porphyrin- β -cyclodextrin conjugate. <i>New Journal of Chemistry</i> , 2007, 31, 1499.	1.4	33
139	Nitrogen oxide interaction with copper complexes formed by small peptides belonging to the prion protein octa-repeat region. <i>Dalton Transactions</i> , 2007, , 1400.	1.6	11
140	Copper(II) Interaction with Prion Peptide Fragments Encompassing Histidine Residues Within and Outside the Octarepeat Domain: Speciation, Stability Constants and Binding Details. <i>Chemistry - A European Journal</i> , 2007, 13, 7129-7143.	1.7	107
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265	Thermodynamic studies of copper(II)-transport site of human serum albumin. <i>Inorganica Chimica Acta</i> , 1979, 37, L555-L557.	1.2	14
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268	Thermodynamics of 2,2',2''-terpyridinecopper(II) complexes in aqueous solution. <i>Transition Metal Chemistry</i> , 1979, 4, 328-332.	0.7	24
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#	ARTICLE	IF	CITATIONS
271	Potentiometric investigation of simple and mixed complexes of cupric ion in aqueous solution. <i>Inorganica Chimica Acta</i> , 1978, 27, 31-35.	1.2	13
272	Copper(II) complexes with 2,2'-dipyridyl, 1,10-phenanthroline or 2,2',2''-terpyridyl and bidentate or tridentate dicarboxylic acids. <i>Inorganica Chimica Acta</i> , 1978, 30, 13-16.	1.2	9
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282	Thermodynamics of copper(II) 2,2'-dipyridyl complexes in aqueous solution. <i>Thermochimica Acta</i> , 1976, 17, 155-164.	1.2	17
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