Enrico Rizzarelli

List of Publications by Year
in descending order

284	10,930	38660 50	49773 87
papers	citations	h-index	g-index

291	291	291	10327
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nitric oxide in the central nervous system: neuroprotection versus neurotoxicity. Nature Reviews Neuroscience, 2007, 8, 766-775.	4.9	1,208
2	Cellular stress responses, hormetic phytochemicals and vitagenes in aging and longevity. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2012, 1822, 753-783.	1.8	351
3	Î²-Amyloid Monomers Are Neuroprotective. Journal of Neuroscience, 2009, 29, 10582-10587.	1.7	350
4	Cellular Stress Response: A Novel Target for Chemoprevention and Nutritional Neuroprotection in Aging, Neurodegenerative Disorders and Longevity. Neurochemical Research, 2008, 33, 2444-2471.	1.6	259
5	Hormesis, cellular stress response and vitagenes as critical determinants in aging and longevity. Molecular Aspects of Medicine, 2011, 32, 279-304.	2.7	192
6	Nitric Oxide in Cell Survival: A Janus Molecule. Antioxidants and Redox Signaling, 2009, 11, 2717-2739.	2.5	184
7	Selectively functionalized cyclodextrins and their metal complexes. Chemical Society Reviews, 2009, 38, 2756.	18.7	152
8	Effects of Dietary Supplementation of Carnosine on Mitochondrial Dysfunction, Amyloid Pathology, and Cognitive Deficits in 3xTg-AD Mice. PLoS ONE, 2011, 6, e17971.	1.1	151
9	A non-linear least-squares approach to the refinement of all parameters involved in acidâ€"base titrations.. Talanta, 1979, 26, 1-14.	2.9	130
10	Vitagenes, dietary antioxidants and neuroprotection in neurodegenerative diseases. Frontiers in Bioscience - Landmark, 2009, Volume, 376.	3.0	129
11	Metal complexes of functionalized cyclodextrins as enzyme models and chiral receptors. Coordination Chemistry Reviews, 1999, 188, 343-364.	9.5	122
12	Conformational features and coordination properties of functionalized cyclodextrins. Formation, stability, and structure of proton and copper(II) complexes of histamine-bearing .beta.-cyclodextrin in aqueous solution. Inorganic Chemistry, 1991, 30, 2708-2713.	1.9	113
13	Copper(II) Binding Modes in the Prion Octapeptide PHGGGWGQ: A Spectroscopic and Voltammetric Study. Chemistry - A European Journal, 2000, 6, 4195-4202.	1.7	113
14	Neuroprotective features of carnosine in oxidative driven diseases. Molecular Aspects of Medicine, 2011, 32, 258-266.	2.7	110
15	Copper(II) Interaction with Prion Peptide Fragments Encompassing Histidine Residues Within and Outside the Octarepeat Domain: Speciation, Stability Constants and Binding Details. Chemistry - A European Journal, 2007, 13, 7129-7143.	1.7	107
16	Imaging of kinked configurations of DNA molecules undergoing orthogonal field alternating gel electrophoresis by fluorescence microscopy. Biochemistry, 1990, 29, 3396-3401.	1.2	106
17	Chemical Characterization of Sicilian Prickly Pear (Opuntia ficus indica) and Perspectives for the Storage of Its Juice. Journal of Agricultural and Food Chemistry, 2000, 48, 5424-5431.	2.4	102
18	Chiral Recognition and Separation of Amino Acids by Means of a Copper(II) Complex of Histamine Monofunctionalized .beta.-Cyclodextrin. Journal of the American Chemical Society, 1994, 116, 10267-10274.	6.6	100

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19	Copper(II) Interaction with Unstructured Prion Domain Outside the Octarepeat Region:Â Speciation, Stability, and Binding Details of Copper(II) Complexes with PrP106â˜126 Peptides. Inorganic Chemistry, 2005, 44, 7214-7225.	1.9	94
20	The Metal Loading Ability of Î²-Amyloid N-Terminus: A Combined Potentiometric and Spectroscopic Study of Copper(II) Complexes with Î²-Amyloid(1â˜16), Its Short or Mutated Peptide Fragments, and Its Polyethylene Glycol (PEG)-ylated Analogue. Inorganic Chemistry, 2008, 47, 9669-9683.	1.9	92
21	Water soluble calix[4]arenes. A thermodynamic investigation of proton complex formation. Supramolecular Chemistry, 1992, 1, 19-24.	1.5	91
22	Synthetic fluorescent probes to map metallostasis and intracellular fate of zinc and copper. Coordination Chemistry Reviews, 2016, 311, 125-167.	9.5	81
23	Carnosine Inhibits AÎ²₄₂ Aggregation by Perturbing the Hâ€Bond Network in and around the Central Hydrophobic Cluster. ChemBioChem, 2013, 14, 583-592.	1.3	76
24	Transition metal complexes of terminally protected peptides containing histidyl residues. Journal of Inorganic Biochemistry, 2006, 100, 1399-1409.	1.5	75
25	Carnosinases, Their Substrates and Diseases. Molecules, 2014, 19, 2299-2329.	1.7	74
26	The Monomer State of Beta-Amyloid: Where the Alzheimer's Disease Protein Meets Physiology. Reviews in the Neurosciences, 2010, 21, 83-93.	1.4	72
27	Copper(II) complexes of peptide fragments of the prion protein. Conformation changes induced by copper(II) and the binding motif in C-terminal protein region. Journal of Inorganic Biochemistry, 2004, 98, 133-143.	1.5	71
28	Metal Loading Capacity of AÎ² N-Terminus: a Combined Potentiometric and Spectroscopic Study of Zinc(II) Complexes with AÎ²(1â˜16), Its Short or Mutated Peptide Fragments and Its Polyethylene Glycolâ˜ylated Analogue. Inorganic Chemistry, 2009, 48, 10405-10415.	1.9	70
29	Copper(I) and Copper(II) Inhibit AÎ² Peptides Proteolysis by Insulinâ€Degrading Enzyme Differently: Implications for Metallostasis Alteration in Alzheimerâ€™s Disease. Chemistry - A European Journal, 2011, 17, 2752-2762.	1.7	68
30	Transcriptome analysis of copper homeostasis genes reveals coordinated upregulation of <scp>SLC</scp>31A1,<scp>SCO</scp>1, and <scp>COX</scp>11 in colorectal cancer. FEBS Open Bio, 2016, 6, 794-806.	1.0	68
31	Thermodynamic study on the formation of the cupric ion hydrolytic species. Thermochimica Acta, 1976, 16, 315-321.	1.2	67
32	6-Deoxy-6-N-histamino-Î²-cyclodextrin Copper(II) Complex, a New Enantioselective Receptor for Aromatic Amino Acids. Angewandte Chemie International Edition in English, 1991, 30, 1348-1349.	4.4	67
33	Protective Effect of Carnosine During Nitrosative Stress in Astroglial Cell Cultures. Neurochemical Research, 2005, 30, 797-807.	1.6	67
34	Somatostatin: A Novel Substrate and a Modulator of Insulin-Degrading Enzyme Activity. Journal of Molecular Biology, 2009, 385, 1556-1567.	2.0	67
35	Potentiometric, spectroscopic and antioxidant activity studies of SOD mimics containing carnosine. Dalton Transactions, 2003, , 4406-4415.	1.6	66
36	Copper(II) interaction with amyloid-Î²: Affinity and speciation. Coordination Chemistry Reviews, 2012, 256, 3-12.	9.5	66

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37	Determination of superoxide dismutase-like activity of copper(II) complexes. Relevance of the speciation for the correct interpretation of in vitro O2â˙ scavenger activity.. Journal of Inorganic Biochemistry, 1993, 50, 273-281.	1.5	63
38	Protective effect of orally administered carnosine on bleomycin-induced lung injury. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2007, 292, L1095-L1104.	1.3	63
39	Amyloid Beta monomers regulate cyclic adenosine monophosphate response element binding protein functions by activating typeâ€1 insulinâ€like growth factor receptors in neuronal cells. Aging Cell, 2018, 17, e12684.	3.0	60
40	Administration of carnosine in the treatment of acute spinal cord injury. Biochemical Pharmacology, 2011, 82, 1478-1489.	2.0	57
41	Copper(II) complexes of diastereoisomeric dipeptides in aqueous solution. Effect of side-chain groups on the thermodynamic stereoselectivity. Inorganic Chemistry, 1986, 25, 1641-1646.	1.9	56
42	Coordination properties of 6-deoxy-6-[1-(2-amino) ethylamino]-?-cyclodextrin and the ability of its copper(II) complex to recognize and separate amino acid enantiomeric pairs. Journal of Inclusion Phenomena and Macrocyclic Chemistry, 1993, 15, 167-180.	1.6	56
43	Production, Purification, and Properties of an Extracellular Laccase from Rigidoporus lignosus. Protein Expression and Purification, 2000, 18, 141-147.	0.6	56
44	Properties and structural characterization of copper(II) mixed complexes with 2,2â€²-bipyridyl and iminodiacetate or pyridine-2,6-dicarboxylate. Journal of the Chemical Society Dalton Transactions, 1980, , 369-375.	1.1	55
45	A re-investigation of copper coordination in the octa-repeats region of the prion protein. Dalton Transactions, 2005, , 150-158.	1.6	55
46	Carnosinase Levels in Aging Brain: Redox State Induction and Cellular Stress Response. Antioxidants and Redox Signaling, 2009, 11, 2759-2775.	2.5	55
47	Interaction of water-soluble porphyrins with single- and double-stranded polyribonucleotides. Biopolymers, 1994, 34, 1099-1104.	1.2	54
48	Interactions of Cu2+ with prion family peptide fragments: Considerations on affinity, speciation and coordination. Coordination Chemistry Reviews, 2012, 256, 2202-2218.	9.5	54
49	A novel fully water-soluble Cu(<scp>i</scp>) probe for fluorescence live cell imaging. Chemical Communications, 2014, 50, 9835.	2.2	53
50	Protective Effects of <scp>l</scp>- and <scp>d</scp>-Carnosine on Î±-Crystallin Amyloid Fibril Formation: Implications for Cataract Disease. Biochemistry, 2009, 48, 6522-6531.	1.2	52
51	The Inorganic Perspective of Nerve Growth Factor: Interactions of Cu²⁺ and Zn²⁺ with the Nâ€Terminus Fragment of Nerve Growth Factor Encompassing the Recognition Domain of the TrkA Receptor. Chemistry - A European Journal, 2011, 17, 3726-3738.	1.7	52
52	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
53	Carnosine derivatives: new multifunctional drug-like molecules. Amino Acids, 2012, 43, 153-163.	1.2	50
54	A computer method for the calculation of enthalpy changes for ion association in solution from calorimetric data. Thermochimica Acta, 1979, 33, 211-216.	1.2	49

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55	Metal ions affect insulin-degrading enzyme activity. Journal of Inorganic Biochemistry, 2012, 117, 351-358.	1.5	48
56	Thermodynamics of hydroxo complex formation of dialkyltin(IV) ions in aqueous solution. Journal of the Chemical Society Dalton Transactions, 1989, , 773.	1.1	46
57	A ratiometric naphthalimide sensor for live cell imaging of copper(i). Chemical Communications, 2013, 49, 5565.	2.2	46
58	Copper-Triggered Aggregation of Ubiquitin. PLoS ONE, 2009, 4, e7052.	1.1	46
59	Zn‹sup›2+‹/sup›â€™s Ability to Alter the Distribution of Cu‹sup›2+‹/sup› among the Available Binding Sites of AÎ²(1â€“16)-Polyethylenglycol-ylated Peptide: Implications in Alzheimerâ€™s Disease. Inorganic Chemistry, 2011, 50, 5342-5350.	1.9	45
60	Monomeric ÃŸ-amyloid interacts with type-1 insulin-like growth factor receptors to provide energy supply to neurons. Frontiers in Cellular Neuroscience, 2015, 9, 297.	1.8	44
61	Molecular Recognition of Amino Acids by Copper(II) Complexes of 6A,6X-Diamino-6A,6X-dideoxy-Î²-cyclodextrin (X = B, C, D). Inorganic Chemistry, 1996, 35, 6873-6877.	1.9	43
62	3-Amino derivative of Î²-cyclodextrin: thermodynamics of copper(II) complexes and exploitation of its enantioselectivity in the separation of amino acid racemates by ligand exchange capillary electrophoresis. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 800, 127-133.	1.2	43
63	Carnosine interaction with nitric oxide and astroglial cell protection. Journal of Neuroscience Research, 2007, 85, 2239-2245.	1.3	43
64	Design and synthesis of new trehaloseâ€conjugated pentapeptides as inhibitors of AÎ²(1â€“42) fibrillogenesis and toxicity. Journal of Peptide Science, 2009, 15, 220-228.	0.8	43
65	Copper(II) complexes with chicken prion repeats: influence of proline and tyrosine residues on the coordination features. Journal of Biological Inorganic Chemistry, 2005, 10, 463-475.	1.1	42
66	A Versatile Strategy for Signal Amplification Based on Core/Shell Silica Nanoparticles. Chemistry - A European Journal, 2011, 17, 13429-13432.	1.7	42
67	A promising connection between BDNF and Alzheimerâ€™s disease. Aging, 2018, 10, 1791-1792.	1.4	42
68	Transcriptome analysis reveals an altered expression profile of zinc transporters in colorectal cancer. Journal of Cellular Biochemistry, 2018, 119, 9707-9719.	1.2	42
69	Synthesis of New Carnosine Derivatives ofÎ²-Cyclodextrin and Their Hydroxyl Radical Scavenger Ability. Helvetica Chimica Acta, 2002, 85, 1633-1643.	1.0	41
70	Electrospray mass spectrometric studies ofL-carnosine (?-alanyl-L-histidine) complexes with copper(II) or zinc ions in aqueous solution. Rapid Communications in Mass Spectrometry, 2002, 16, 722-729.	0.7	41
71	New glycosidic derivatives of histidine-containing dipeptides with antioxidant properties and resistant to carnosinase activity. European Journal of Medicinal Chemistry, 2008, 43, 373-380.	2.6	41
72	Protective effect of a new hyaluronic acid -carnosine conjugate on the modulation of the inflammatory response in mice subjected to collagen-induced arthritis. Biomedicine and Pharmacotherapy, 2020, 125, 110023.	2.5	41

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73	Conformation for a beta-cyclodextrin monosubstituted with a cyclic dipeptide.. Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 7218-7221.	3.3	40
74	AP/MALDIâ€MS complete characterization of the proteolytic fragments produced by the interaction of insulin degrading enzyme with bovine insulin. Journal of Mass Spectrometry, 2007, 42, 1590-1598.	0.7	40
75	How the binding and degrading capabilities of insulin degrading enzyme are affected by ubiquitin. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 1122-1126.	1.1	40
76	A New Ratiometric Lysosomal Copper(II) Fluorescent Probe To Map a Dynamic Metallome in Live Cells. Inorganic Chemistry, 2018, 57, 2365-2368.	1.9	40
77	Coordination properties of cyclopeptides. Formation, stability, and structure of proton and copper(II) complexes of cyclo-(L-histidyl-L-histidyl) in aqueous solution. Inorganic Chemistry, 1987, 26, 795-800.	1.9	39
78	A comparative study of two isoforms of laccase secreted by the â€œwhite-rotâ€•fungus Rigidoporus lignosus, exhibiting significant structural and functional differences. Journal of Inorganic Biochemistry, 1998, 71, 205-211.	1.5	39
79	Co-ordinating properties of cyclopeptides. Thermodynamic and spectroscopic study on the formation of copper(II) complexes with cyclo(Gly-His)4 and cyclo(Gly-His-Gly)2 and their superoxide dismutase-like activity. Journal of the Chemical Society Dalton Transactions, 1998, , 3851-3858.	1.1	39
80	New glycoside derivatives of carnosine and analogs resistant to carnosinase hydrolysis: Synthesis and characterization of their copper(II) complexes. Journal of Inorganic Biochemistry, 2011, 105, 181-188.	1.5	39
81	Environmental Factors Differently Affect Human and Rat IAPP: Conformational Preferences and Membrane Interactions of IAPP17â€“29 Peptide Derivatives. Chemistry - A European Journal, 2007, 13, 10204-10215.	1.7	37
82	Enzyme solid-state support assays: a surface plasmon resonance and mass spectrometry coupled study of immobilized insulin degrading enzyme. European Biophysics Journal, 2009, 38, 407-414.	1.2	37
83	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. Journal of Physical Chemistry B, 2010, 114, 13830-13838.	1.2	37
84	Ubiquitin Stability and the Lysâ€‰63â€Linked Polyubiquitination Site Are Compromised on Copper Binding. Angewandte Chemie - International Edition, 2007, 46, 7993-7995.	7.2	36
85	Environmental Effects on a Prion's Helix II Domain: Copper(II) and Membrane Interactions with PrP180â€“193 and Its Analogues. Chemistry - A European Journal, 2006, 12, 537-547.	1.7	35
86	Copper, BDNF and Its Nâ€terminal Domain: Inorganic Features and Biological Perspectives. Chemistry - A European Journal, 2012, 18, 15618-15631.	1.7	35
87	Mixed-metal complexes in solution. 3. Thermodynamic study of heterobinuclear copper(II)-L-histidine and -histamine complexes in aqueous solution. Inorganic Chemistry, 1981, 20, 772-777.	1.9	34
88	Non-covalent interactions in thermodynamic stereoselectivity of mixed-ligand copper(II)-D- or L-histidine complexes with L-amino acids. A possible model of metal ion-assisted molecular recognition. Journal of the Chemical Society Dalton Transactions, 1990, , 2095.	1.1	34
89	Crystal and Molecular Structure of the [6-Deoxy-6-[(2-(4-imidazolyl)ethyl)amino]-cyclomaltoheptaose]copper(II) Ternary Complex withl-Tryptophanate. Role of Weak Forces in the Chiral Recognition Process Assisted by a Metallocyclodextrin. Inorganic Chemistry, 1996, 35, 4497-4504.	1.9	34
90	AÎ²(25â€“35) and its C- and/or N-blocked derivatives: Copper driven structural features and neurotoxicity. Journal of Neuroscience Research, 2007, 85, 623-633.	1.3	34

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91	Zinc(II) Complexes of Ubiquitin: Speciation, Affinity and Binding Features. Chemistry - A European Journal, 2011, 17, 11596-11603.	1.7	34
92	Copper(II) ions affect the gating dynamics of the 20S proteasome: a molecular and in cell study. Scientific Reports, 2016, 6, 33444.	1.6	34
93	Trifluoromethanesulfonate as non-coordinating anion in lanthanide complexes. Inorganica Chimica Acta, 1980, 40, 249-256.	1.2	33
94	Thermodynamics of metal complexes with ligandâ€“ligand interaction, simple and mixed complexes of copper(II) and zinc(II) with adenosine 5â€²-triphosphate andL-tryptophan orL-alanine. Journal of the Chemical Society Dalton Transactions, 1983, , 1271-1278.	1.1	33
95	Inhibition of photohemolysis by copper(II) complexes with Sod-like activity. Journal of Inorganic Biochemistry, 1994, 54, 257-265.	1.5	33
96	Spectroscopic and self-association behavior of a porphyrin-Î²-cyclodextrin conjugate. New Journal of Chemistry, 2007, 31, 1499.	1.4	33
97	The proteolytic activity of insulinâ€degrading enzyme: a mass spectrometry study. Journal of Mass Spectrometry, 2009, 44, 735-741.	0.7	33
98	Nickel(II) complexes of the multihistidine peptide fragments of human prion protein. Journal of Inorganic Biochemistry, 2010, 104, 885-891.	1.5	33
99	Copper(ii) complex formation with a linear peptide encompassing the putative cell binding site of angiogenin. Dalton Transactions, 2010, 39, 10678.	1.6	33
100	Metallostasis and amyloid Î²-degrading enzymes. Metallomics, 2012, 4, 937.	1.0	33
101	Carnosine protects pancreatic beta cells and islets against oxidative stress damage. Molecular and Cellular Endocrinology, 2018, 474, 105-118.	1.6	33
102	In Situ AP/MALDI-MS characterization of anchored matrix metalloproteinases. Journal of Mass Spectrometry, 2006, 41, 1561-1569.	0.7	32
103	Copper(II)-chelating homocarnosine glycoconjugate as a new multifunctional compound. Journal of Inorganic Biochemistry, 2014, 131, 56-63.	1.5	32
104	Multitarget trehalose-carnosine conjugates inhibit AÎ² aggregation, tune copper(II) activity and decrease acrolein toxicity. European Journal of Medicinal Chemistry, 2017, 135, 447-457.	2.6	32
105	DSC study of the interaction of the prion peptide PrP106â€“126 with artificial membranes. New Journal of Chemistry, 2001, 25, 1543-1548.	1.4	31
106	Activity of anchored human matrix metalloproteinase-1 catalytic domain on Au (111) surfaces monitored by ESI-MS. Journal of Mass Spectrometry, 2005, 40, 1565-1571.	0.7	31
107	MALDI, AP/MALDI and ESI techniques for the MS detection of amyloid Î²-peptides. International Journal of Mass Spectrometry, 2009, 282, 50-55.	0.7	31
108	Thermodynamics of metal complexes with ligandâ€“ligand interaction. Mixed complexes of copper(II) and zinc(II) with adenosine 5â€²-triphosphate andL-histidine or histamine. Journal of the Chemical Society Dalton Transactions, 1984, , 1651-1658.	1.1	30

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109	Thermodynamic and spectroscopic characterization and in vitro O2 ? scavenger activity of copper(II) glycyl-L-histidyl-glycyl-L-histidine complexes. Journal of the Chemical Society Dalton Transactions, 1993, , 1295.	1.1	30
110	Chiral recognition by the copper(II) complex of 6-deoxy-6-N-(2-methylaminopyridine)-?-cyclodextrin. , 1997, 9, 341-349.		30
111	Copper(II) interaction with peptide fragments of histidineâ€“proline-rich glycoprotein: Speciation, stability and binding details. Journal of Inorganic Biochemistry, 2012, 111, 59-69.	1.5	30
112	Equilibrium study of iron(II) and manganese(II) complexes with citrate ion in aueous solution: Relevance to coordination of citrate to the active site of aconitase and to gastrointestinal absorption of some essential metal ions. Inorganica Chimica Acta, 1979, 36, 1-7.	1.2	29
113	Coordination Environment of Cu(II) Ions Bound to N-Terminal Peptide Fragments of Angiogenin Protein. International Journal of Molecular Sciences, 2016, 17, 1240.	1.8	29
114	Silver nanoparticles functionalized with a fluorescent cyclic RGD peptide: a versatile integrin targeting platform for cells and bacteria. RSC Advances, 2016, 6, 112381-112392.	1.7	29
115	Thermodynamics of metal complexes with ligandâ€”ligand interaction. Mixed complexes of copper(II) and zinc(II) with adenosine 5â€²-triphosphate and l-phenylalanine or l-tyrosine. Thermochimica Acta, 1984, 74, 77-86.	1.2	28
116	Co-ordination properties of dialkyltin(IV) in aqueous solution. Thermodynamics of complex formation with carboxylic acids. Journal of the Chemical Society Dalton Transactions, 1990, , 2603.	1.1	28
117	TARGETED PHOTOCHEMICAL MODIFICATION OF HIV-DERIVED OLIGORIBONUCLEOTIDES BY ANTISENSE OLIGODEOXYNUCLEOTIDES LINKED TO PORPHYRINS. Photochemistry and Photobiology, 1994, 60, 316-322.	1.3	28
118	Coordination properties of 3-functionalized Î²-cyclodextrins. Thermodynamic stereoselectivity of copper(ii) complexes of the A,B-diamino derivative and its exploitation in LECE. Dalton Transactions, 2005, , 2731.	1.6	28
119	A Doppel Î±â€Helix Peptide Fragment Mimics the Copper(II) Interactions with the Whole Protein. Chemistry - A European Journal, 2010, 16, 6212-6223.	1.7	28
120	Structural Determinants in Prion Protein Folding and Stability. Journal of Molecular Biology, 2014, 426, 3796-3810.	2.0	28
121	Acâ€ŁPFFDâ€Th: A Trehaloseâ€Conjugated Peptidomimetic as a Strong Suppressor of Amyloidâ€Î² Oligomer Formation and Cytotoxicity. ChemBioChem, 2016, 17, 1541-1549.	1.3	28
122	Intracellular Bioinorganic Chemistry and Cross Talk Among Different -Omics. Current Topics in Medicinal Chemistry, 2016, 16, 3103-3130.	1.0	28
123	Thermodynamic and spectroscopic properties of mixed complexes in aqueous solution. Copper(II) complexes of 2,2'-bipyridyl and iminodiacetic or pyridine-2,6-dicarboxylic acid. Inorganic Chemistry, 1979, 18, 3417-3422.	1.9	27
124	A new methodology for monitoring the activity of cdMMP-12 anchored and freeze-dried on Au (111). Journal of the American Society for Mass Spectrometry, 2007, 18, 961-969.	1.2	27
125	Copper(II) complexes with an avian prion N-terminal region and their potential SOD-like activity. Journal of Inorganic Biochemistry, 2009, 103, 195-204.	1.5	27
126	Probing the Copper(II) Binding Features of Angiogenin. Similarities and Differences between a N-Terminus Peptide Fragment and the Recombinant Human Protein. Inorganic Chemistry, 2012, 51, 128-141.	1.9	27

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127	The inorganic perspectives of neurotrophins and Alzheimer's disease. Journal of Inorganic Biochemistry, 2012, 111, 130-137.	1.5	27
128	Zinc(II) Interactions with Brain-Derived Neurotrophic Factor N-Terminal Peptide Fragments: Inorganic Features and Biological Perspectives. Inorganic Chemistry, 2013, 52, 11075-11083.	1.9	27
129	Copper(II) complexes with Î²-cyclodextrinâ€“homocarnosine conjugates and their antioxidant activity. Inorganica Chimica Acta, 2007, 360, 945-954.	1.2	26
130	Copper(II) complexes with peptide fragments encompassing the sequence 122â€“130 of human doppel protein. Journal of Inorganic Biochemistry, 2009, 103, 758-765.	1.5	26
131	Nickel(ii) and mixed metal complexes of amyloid-Î² N-terminus. Dalton Transactions, 2010, 39, 7046.	1.6	26
132	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. Frontiers in Neuroscience, 2016, 10, 569.	1.4	26
133	Properties and X-ray crystal structures of copper(II) mixed complexes with thiodiacetate and 2,2â€²-bipyridyl or 2,2â€²:6â€²2â€³-terpyridyl. Journal of the Chemical Society Dalton Transactions, 1982, , 681-685.	1.1	25
134	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
135	The Copper(II)-Assisted Connection between NGF and BDNF by Means of Nerve Growth Factor-Mimicking Short Peptides. Cells, 2019, 8, 301.	1.8	25
136	Complexes of Cu(II) with 2,2â€²-dipyridyl and some cycloalkane-1,1-dicarboxylic acids. Inorganica Chimica Acta, 1975, 14, 251-257.	1.2	24
137	Thermodynamics of 2,2?,2?'-terpyridinecopper(II) complexes in aqueous solution. Transition Metal Chemistry, 1979, 4, 328-332.	0.7	24
138	Copper(II) complexes encapsulated in human red blood cells. Journal of Inorganic Biochemistry, 1995, 59, 773-784.	1.5	24
139	Trehalose effects on Î±-crystallin aggregates. Biochemical and Biophysical Research Communications, 2007, 354, 899-905.	1.0	24
140	Modulation of PARP-1 and PARP-2 Expression by L-carnosine and Trehalose After LPS and INFÎ³-Induced Oxidative Stress. Neurochemical Research, 2010, 35, 2144-2153.	1.6	24
141	Copper(ii) complexes of rat amylin fragments. Dalton Transactions, 2011, 40, 9711.	1.6	24
142	Intramolecular Weak Interactions in the Thermodynamic Stereoselectivity of Copper(II) Complexes with Carnosineâ€“Trehalose Conjugates. Chemistry - A European Journal, 2011, 17, 9448-9455.	1.7	24
143	Inorganic Stressors of Ubiquitin. Inorganic Chemistry, 2013, 52, 9567-9573.	1.9	24
144	Properties and Structural Characterization of Mixed complexes. The copper(II) complex 2,2â€²-bipyridyl and oxydiacetate. Inorganica Chimica Acta, 1981, 54, L17-L19.	1.2	23

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145	Ligand-ligand interactions in metal complexes. Thermodynamic and spectroscopic investigation of simple and mixed copper(II) and zinc(II) substituted-malonate complexes with 2,2'-bipyridyl in aqueous solution. Inorganic Chemistry, 1989, 28, 3555-3561.	1.9	23
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