

Eugenio Garribba

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198
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61
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207
ext. papers

5,919
ext. citations

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avg, IF

5.99
L-index

#	Paper	IF	Citations
198	The Determination of the Geometry of Cu(II) Complexes: An EPR Spectroscopy Experiment. <i>Journal of Chemical Education</i> , 2006 , 83, 1229	2.4	247
197	Vanadium and proteins: Uptake, transport, structure, activity and function. <i>Coordination Chemistry Reviews</i> , 2015 , 301-302, 49-86	23.2	126
196	Interaction of VO ₂ ⁺ ion with human serum transferrin and albumin. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 648-55	4.2	98
195	New developments in the comprehension of the biotransformation and transport of insulin-enhancing vanadium compounds in the blood serum. <i>Inorganic Chemistry</i> , 2010 , 49, 174-87	5.1	91
194	Ternary complex formation between VO(IV)-picolinic acid or VO(IV)-6-methylpicolinic acid and small blood serum bioligands. <i>Journal of Inorganic Biochemistry</i> , 2000 , 78, 97-108	4.2	84
193	Speciation of insulin-mimetic VO(IV)-containing drugs in blood serum. <i>Journal of Inorganic Biochemistry</i> , 2000 , 80, 65-73	4.2	84
192	Ferromagnetic exchange coupling in a new bis(Ethloro)-bridged copper(II) Schiff base complex: Synthesis, structure, magnetic properties and catalytic oxidation of cycloalkanes. <i>Polyhedron</i> , 2009 , 28, 695-702	2.7	83
191	Speciation and NMR relaxation studies of VO(IV) complexes with several O-donor containing ligands: oxalate, malonate, maltolate and kojate. <i>Inorganica Chimica Acta</i> , 2000 , 306, 174-183	2.7	83
190	Interaction of insulin-enhancing vanadium compounds with human serum holo-transferrin. <i>Inorganic Chemistry</i> , 2013 , 52, 11975-85	5.1	82
189	The Cu(II)-2,2'-bipyridine system revisited. <i>Inorganica Chimica Acta</i> , 2000 , 299, 253-261	2.7	79
188	Coordination modes of hydroxamic acids in copper(II), nickel(II) and zinc(II) mixed-ligand complexes in aqueous solution. <i>Polyhedron</i> , 2000 , 19, 1727-1736	2.7	79
187	Synthesis of two new linear trinuclear Cu(II) complexes: mechanism of magnetic coupling through hybrid B3LYP functional and CShM studies. <i>Inorganic Chemistry</i> , 2008 , 47, 6227-35	5.1	78
186	A quantitative study of the biotransformation of insulin-enhancing VO(2+) compounds. <i>Journal of Biological Inorganic Chemistry</i> , 2010 , 15, 825-39	3.7	77
185	Interaction of antidiabetic vanadium compounds with hemoglobin and red blood cells and their distribution between plasma and erythrocytes. <i>Inorganic Chemistry</i> , 2014 , 53, 1449-64	5.1	76
184	On the transport of vanadium in blood serum. <i>Inorganic Chemistry</i> , 2009 , 48, 5747-57	5.1	75
183	Structural and redox requirements for the action of anti-diabetic vanadium compounds. <i>Dalton Transactions</i> , 2014 , 43, 6965-72	4.3	71
182	The equilibrium between the octahedral and square pyramidal form and the influence of an axial ligand on the molecular properties of V(IV)O complexes: a spectroscopic and DFT study. <i>Chemistry - A European Journal</i> , 2010 , 16, 8167-80	4.8	70

181	The effect of the functional, basis set, and solvent in the simulation of the geometry and spectroscopic properties of VIVO ₂ ⁺ complexes. chemical and biological applications. <i>International Journal of Quantum Chemistry</i> , 2012 , 112, 2486-2498	2.1	68
180	Spectroscopic and potentiometric characterization of oxovanadium(IV) complexes formed by 3-hydroxy-4-pyridinones. Rationalization of the influence of basicity and electronic structure of the ligand on the properties of V(IV)O species in aqueous solution. <i>Inorganic Chemistry</i> , 2006 , 45, 8086-97	5.1	67
179	Electronic structure of oxovanadium IV complexes of alpha-hydroxycarboxylic acids. <i>Inorganic Chemistry</i> , 2003 , 42, 3981-7	5.1	67
178	Complex formation in aqueous solution and in the solid state of the potent insulin-enhancing V(IV)O ₂ ⁺ compounds formed by picolinate and quinolate derivatives. <i>Inorganic Chemistry</i> , 2011 , 50, 883-99	5.1	66
177	On the prediction of 51V hyperfine coupling constants in V(IV)O complexes through DFT methods. <i>Dalton Transactions</i> , 2009 , 1914-8	4.3	65
176	Is the spin-orbit coupling important in the prediction of the 51V hyperfine coupling constants of V(IV) O ₂ ⁺ species? ORCA versus Gaussian performance and biological applications. <i>Journal of Computational Chemistry</i> , 2011 , 32, 2822-35	3.5	64
175	Interaction of VO ₂ ⁺ ion and some insulin-enhancing compounds with immunoglobulin G. <i>Inorganic Chemistry</i> , 2011 , 50, 3717-28	5.1	64
174	Solution speciation and spectral studies on oxovanadium(IV) complexes of pyridinecarboxylic acids. <i>Polyhedron</i> , 2000 , 19, 55-61	2.7	64
173	Interaction between the low molecular mass components of blood serum and the VO(IV)DHP system (DHP = 1,2-dimethyl-3-hydroxy-4(1H)-pyridinone). <i>Dalton Transactions RSC</i> , 2002 , 2275-2282		63
172	Transport of the anti-diabetic VO ₂ ⁺ complexes formed by pyrone derivatives in the blood serum. <i>Journal of Inorganic Biochemistry</i> , 2012 , 115, 87-99	4.2	59
171	Assessing the dependence of (51)V A(z) value on the aromatic ring orientation of V(IV)O(2+) pyridine complexes. <i>Inorganic Chemistry</i> , 2009 , 48, 5790-6	5.1	58
170	Sterically-controlled nuclearity in new copper(II) complexes with di-compartmental ligands: Formation of antiferromagnetically coupled angular trimer and mononuclear inclusion complex. <i>Inorganica Chimica Acta</i> , 2010 , 363, 1395-1403	2.7	56
169	Temperature and solvent structure dependence of VO ₂ ⁺ complexes of pyridine-N-oxide derivatives and their interaction with human serum transferrin. <i>Dalton Transactions</i> , 2012 , 41, 7304-18	4.3	54
168	Biotransformation of BMOV in the presence of blood serum proteins. <i>Metallomics</i> , 2012 , 4, 33-6	4.5	53
167	V(IV)O and Cu(II) complexation by ligands based on pyridine nitrogen donors. <i>Dalton Transactions</i> , 2012 , 41, 12824-38	4.3	53
166	Ferromagnetic Coupling in a New Copper(II) Schiff Base Complex with Cubane Core: Structure, Magnetic Properties, DFT Study and Catalytic Activity. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 4385-4395	2.3	53
165	Coordinating Properties of Pyrone and Pyridinone Derivatives, Tropolone and Catechol toward the VO ₂ ⁺ Ion: An Experimental and Computational Approach. <i>European Journal of Inorganic Chemistry</i> , 2012 , 2012, 1079-1092	2.3	51
164	The Effect of Trigonal Bipyramidal Distortion of Pentacoordinate VIVO ₂ ⁺ Species on their Structural, Electronic and Spectroscopic Parameters. <i>European Journal of Inorganic Chemistry</i> , 2011 , 2011, n/a-n/a	2.3	51

163	Chemistry of Monomeric and Dinuclear Non-Oxido Vanadium(IV) and Oxidovanadium(V) Aroylazine Complexes: Exploring Solution Behavior. <i>Inorganic Chemistry</i> , 2016 , 55, 1165-82	5.1	50
162	Formation of new non-oxido vanadium(IV) species in aqueous solution and in the solid state by tridentate (O, N, O) ligands and rationalization of their EPR behavior. <i>Inorganic Chemistry</i> , 2013 , 52, 8202-13	5.1	50
161	Speciation in human blood of Metvan, a vanadium based potential anti-tumor drug. <i>Dalton Transactions</i> , 2017 , 46, 8950-8967	4.3	49
160	Potentiometric, spectroscopic, electrochemical and DFT characterization of oxovanadium(IV) complexes formed by citrate and tartrates in aqueous solution at high ligand to metal molar ratios: the effects of the trigonal bipyramidal distortion in bis-chelated species and biological implications. <i>Dalton Transactions</i> , 2008 , 4903-16	4.3	49
159	Antitumoral effect of vanadium compounds in malignant melanoma cell lines. <i>Journal of Inorganic Biochemistry</i> , 2017 , 174, 14-24	4.2	47
158	VO ₂ ⁺ complexation by bioligands showing keto-enol tautomerism: a potentiometric, spectroscopic, and computational study. <i>Inorganic Chemistry</i> , 2011 , 50, 10328-41	5.1	46
157	A new linear double phenoxide-bridged trinuclear Cu(II) Schiff base complex: Synthesis, crystallographic elucidation, magneto-structural correlation and DFT Study. <i>Polyhedron</i> , 2014 , 69, 262-269	2.7	45
156	Vanadium Complexes as Prospective Therapeutics: Structural Characterization of a VIV Lysozyme Adduct. <i>European Journal of Inorganic Chemistry</i> , 2014 , 2014, 3293-3297	2.3	45
155	Two New Supramolecular Architectures of Singly Phenoxo-Bridged Copper(II) and Doubly Phenoxo-Bridged Manganese(II) Complexes Derived from an Unusual ONOO Donor Hydrazone Ligand: Syntheses, Structural Variations, Cryomagnetic, DFT, and EPR Studies. <i>European Journal of Inorganic Chemistry</i> , 2009 , 2009, 2915-2928	2.3	45
154	The solution structure of bis(acetylacetonato)oxovanadium(IV). <i>Inorganica Chimica Acta</i> , 2006 , 359, 4470-4476	2.4	45
153	Prediction of the interaction of metallic moieties with proteins: An update for protein-ligand docking techniques. <i>Journal of Computational Chemistry</i> , 2018 , 39, 42-51	3.5	44
152	Complex formation of vanadium(IV) with 1,3,5-triamino-1,3,5-trideoxy-cis-inositol and related ligands. <i>Inorganic Chemistry</i> , 2004 , 43, 3116-26	5.1	43
151	Application of DFT methods to the study of the coordination environment of the VO ₂ ⁺ ion in V proteins. <i>Journal of Biological Inorganic Chemistry</i> , 2012 , 17, 773-90	3.7	40
150	Application of DFT Methods in the Study of VIVO ₂ ⁺ Peptide Interactions. <i>European Journal of Inorganic Chemistry</i> , 2010 , 2010, 4697-4710	2.3	40
149	V(IV)O versus V(IV) complex formation by tridentate (O, N(arom), O) ligands: prediction of geometry, EPR 51V hyperfine coupling constants, and UV-Vis spectra. <i>Inorganic Chemistry</i> , 2013 , 52, 5260-72	5.1	39
148	Binding of Oxovanadium(IV) to Dipeptides Containing Histidine and Cysteine Residues. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 1369-1382	2.3	39
147	End-to-end thiocyanato-bridged zig-zag polymers of CuII, CoII and NiII with a hydrazone ligand: EPR, magnetic susceptibility and biological study. <i>Polyhedron</i> , 2012 , 44, 77-87	2.7	38
146	Magneto-structural correlations and DFT calculations in two rare tetranuclear copper(II)-clusters with doubly phenoxo and end-on azido bridges: Syntheses, structural variations and EPR studies. <i>Inorganica Chimica Acta</i> , 2010 , 363, 3580-3588	2.7	38

145	Monomeric and Dimeric Oxidomolybdenum(V and VI) Complexes, Cytotoxicity, and DNA Interaction Studies: Molybdenum Assisted C?N Bond Cleavage of Salophen Ligands. <i>Inorganic Chemistry</i> , 2017 , 56, 11190-11210	5.1	37
144	Behavior of the potential antitumor V(IV)O complexes formed by flavonoid ligands. 1. Coordination modes and geometry in solution and at the physiological pH. <i>Journal of Inorganic Biochemistry</i> , 2014 , 140, 173-84	4.2	36
143	Uptake of potential anti-diabetic VIVO compounds of picolinate ligands by red blood cells. <i>Inorganica Chimica Acta</i> , 2014 , 420, 75-84	2.7	36
142	Aminoacid-derivatised picolinato-oxidovanadium(IV) complexes: characterisation, speciation and ex vivo insulin-mimetic potential. <i>Journal of Inorganic Biochemistry</i> , 2009 , 103, 590-600	4.2	35
141	Synthesis, structural aspects and magnetic properties of an unusual 2D thiocyanato-bridged cobalt(II)Schiff base network. <i>Inorganica Chimica Acta</i> , 2010 , 363, 3981-3986	2.7	35
140	Synthesis and characterization of V(IV)O complexes of picolinate and pyrazine derivatives. Behavior in the solid state and aqueous solution and biotransformation in the presence of blood plasma proteins. <i>Inorganic Chemistry</i> , 2014 , 53, 7960-76	5.1	34
139	Elucidation of Binding Site and Chiral Specificity of Oxidovanadium Drugs with Lysozyme through Theoretical Calculations. <i>Inorganic Chemistry</i> , 2017 , 56, 12938-12951	5.1	33
138	Nonoxido Vanadium(IV) Compounds Involving Dithiocarbazate-Based Tridentate ONS Ligands: Synthesis, Electronic and Molecular Structure, Spectroscopic and Redox Properties. <i>Inorganic Chemistry</i> , 2015 , 54, 6203-15	5.1	33
137	Binding of V(IV)O ²⁺ to the Fe binding sites of human serum transferrin. A theoretical study. <i>Journal of Biological Inorganic Chemistry</i> , 2013 , 18, 803-13	3.7	33
136	Bis- and tris(pyridyl)amine-oxidovanadium complexes: characteristics and insulin-mimetic potential. <i>Dalton Transactions</i> , 2009 , 7902-11	4.3	33
135	Synthesis, characterisation and insulin-mimetic activity of oxovanadium(IV) complexes with amidrazone derivatives. <i>Journal of Inorganic Biochemistry</i> , 2007 , 101, 19-29	4.2	33
134	Speciation of potential anti-diabetic vanadium complexes in real serum samples. <i>Journal of Inorganic Biochemistry</i> , 2017 , 173, 52-65	4.2	31
133	Polyoxovanadates with emerging biomedical activities. <i>Coordination Chemistry Reviews</i> , 2021 , 447, 214143.2	4.2	30
132	Nonoxido V(IV) Complexes: Prediction of the EPR Spectrum and Electronic Structure of Simple Coordination Compounds and Amavadin. <i>Inorganic Chemistry</i> , 2016 , 55, 7373-87	5.1	29
131	Role of Ligands in the Uptake and Reduction of V(V) Complexes in Red Blood Cells. <i>Journal of Medicinal Chemistry</i> , 2019 , 62, 654-664	8.3	28
130	VO complexes with antibacterial quinolone ligands and their interaction with serum proteins. <i>Dalton Transactions</i> , 2018 , 47, 2164-2182	4.3	27
129	Synthesis and characterization of vanadium(IV) complexes with cis-inositol in aqueous solution and in the solid-state. <i>Inorganic Chemistry</i> , 2007 , 46, 3903-15	5.1	27
128	Antiproliferative activity of vanadium compounds: effects on the major malignant melanoma molecular pathways. <i>Metallomics</i> , 2019 , 11, 1687-1699	4.5	25

127	L-Mimosine, an amino acid with maltol-type binding properties toward copper(II), oxovanadium(IV) and other metal ions. <i>Journal of Inorganic Biochemistry</i> , 1999 , 75, 225-232	4.2	25
126	Validation and Applications of Protein-Ligand Docking Approaches Improved for Metalloligands with Multiple Vacant Sites. <i>Inorganic Chemistry</i> , 2019 , 58, 294-306	5.1	25
125	Monomeric versus dimeric structures in ternary complexes of manganese(II) with derivatives of benzoic acid and nitrogenous bases: structural details and spectral properties. <i>Inorganica Chimica Acta</i> , 2004 , 357, 2038-2048	2.7	24
124	Molecular structure and spectral properties of bis(2,6-dimethoxybenzoato)(2,2':6',2''-terpyridine)manganese(II): a five-coordinate Mn(II) complex. <i>New Journal of Chemistry</i> , 2000 , 24, 725-728	3.6	24
123	Decoding Surface Interaction of VO Metallodrug Candidates with Lysozyme. <i>Inorganic Chemistry</i> , 2018 , 57, 4456-4469	5.1	22
122	Cobalt(II), Manganese(IV) Mononuclear and Zinc(II) Symmetric Dinuclear Complexes of an Aliphatic Hydrazone Schiff Base Ligand with Diversity in Coordination Behaviors and Supramolecular Architectures: Syntheses, Structural Elucidations, and Spectroscopic Characterizations. <i>Bulletin of the Chemical Society of Japan</i> , 2014 , 87, 711-727	5.1	22
121	Physicochemical, antioxidant, DNA cleaving properties and antimicrobial activity of fisetin-copper chelates. <i>Journal of Inorganic Biochemistry</i> , 2018 , 180, 101-118	4.2	22
120	Behavior of the potential antitumor V(IV)O complexes formed by flavonoid ligands. 2. Characterization of sulfonate derivatives of quercetin and morin, interaction with the bioligands of the plasma and preliminary biotransformation studies. <i>Journal of Inorganic Biochemistry</i> , 2015 , 153, 167-177	4.2	21
119	Triply phenoxo bridged Eu(III) and Sm(III) complexes with 2,6-diformyl-4-methylphenol-di(benzoylhydrazone): structure, spectra and biological study in human cell lines. <i>New Journal of Chemistry</i> , 2015 , 39, 1101-1114	3.6	21
118	Formation in aqueous solution of a non-oxido V(IV) complex with VN6 coordination. Potentiometric, ESI-MS, spectroscopic and computational characterization. <i>Dalton Transactions</i> , 2013 , 42, 13404-16	4.3	21
117	Copper(II) complexes of rat amylin fragments. <i>Dalton Transactions</i> , 2011 , 40, 9711-21	4.3	21
116	Oxovanadium (IV) complexes of phosphates of biological relevance: NAD, NADP and thiamine mono- and diphosphate. <i>Journal of Inorganic Biochemistry</i> , 1999 , 75, 303-309	4.2	21
115	Doubly phenoxo-bridged M ₂ Na (M = Cu(II), Ni(II)) complexes of tetradentate Schiff base: Structure, photoluminescence, EPR, electrochemical studies and DFT computation. <i>Polyhedron</i> , 2014 , 78, 62-71	2.7	20
114	Interaction of Vanadium(IV) Species with Ubiquitin: A Combined Instrumental and Computational Approach. <i>Inorganic Chemistry</i> , 2019 , 58, 8064-8078	5.1	19
113	Integrated ESI-MS/EPR/computational characterization of the binding of metal species to proteins: vanadium drug-hemoglobin application. <i>Inorganic Chemistry Frontiers</i> , 2019 , 6, 1561-1578	6.8	19
112	Speciation of the Potential Antitumor Agent Vanadocene Dichloride in the Blood Plasma and Model Systems. <i>Inorganic Chemistry</i> , 2015 , 54, 8237-50	5.1	19
111	Synthesis, structure and characterization of new dithiocarbamate-based mixed ligand oxidovanadium(IV) complexes: DNA/HSA interaction, cytotoxic activity and DFT studies. <i>New Journal of Chemistry</i> , 2020 , 44, 10946-10963	3.6	18
110	New V, VO, VO, and VO Systems: Exploring their Interconversion in Solution, Protein Interactions, and Cytotoxicity. <i>Inorganic Chemistry</i> , 2020 , 59, 14042-14057	5.1	18

109	A Ni(II) dinuclear complex bridged by end-on azide-N and phenolate-O atoms: spectral interpretation, magnetism and biological study. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 749-762	6.8	17
108	End-to-End Thiocyanato-Bridged Helical Chain Polymer and Dichlorido-Bridged Copper(II) Complexes with a Hydrazone Ligand: Synthesis, Characterisation by Electron Paramagnetic Resonance and Variable-Temperature Magnetic Studies, and Inhibitory Effects on Human Colorectal Carcinoma Cells. <i>ChemistryOpen</i> , 2012 , 1, 86-9	2.3	17
107	Tuning the Hydrolytic Properties of Half-Sandwich-Type Organometallic Cations in Aqueous Solution. <i>European Journal of Inorganic Chemistry</i> , 2013 , 2013, 3090-3100	2.3	17
106	Oxovanadium(IV) Complexes with Pyrazinecarboxylic Acids: The Coordinating Properties of Ligands with the (Naromatic, COO) Donor Set. <i>European Journal of Inorganic Chemistry</i> , 2006 , 2006, 2690-2700	2.3	17
105	Oxovanadium(IV) complexes of quinoline derivatives. <i>Inorganica Chimica Acta</i> , 2003 , 348, 97-106	2.7	17
104	A hexanuclear copper(II) Schiff base complex incorporating rare Bicapped cubane core: Structural aspects, magnetic properties and EPR study. <i>Polyhedron</i> , 2013 , 52, 963-969	2.7	16
103	Structural Variation and Magneto-Structural Correlation in Two New Dinuclear Bis(μ -2-Phenoxy)-Bridged Cu(I) Schiff-Base Complexes: Catalytic Potential for the Peroxidative Oxidation of Cycloalkanes. <i>Australian Journal of Chemistry</i> , 2010 , 63, 479	1.2	16
102	Oxovanadium(IV) binding to ligands containing donor sites of biological relevance. <i>Inorganica Chimica Acta</i> , 2001 , 322, 87-98	2.7	16
101	Behavior of the potential antitumor V(IV)O complexes formed by flavonoid ligands. 3. Antioxidant properties and radical production capability. <i>Journal of Inorganic Biochemistry</i> , 2016 , 161, 18-26	4.2	16
100	Effect of secondary interactions, steric hindrance and electric charge on the interaction of VIVO species with proteins. <i>New Journal of Chemistry</i> , 2019 , 43, 17647-17660	3.6	15
99	Naringenin Schiff base: antioxidant activity, acid-base profile, and interactions with DNA. <i>Transition Metal Chemistry</i> , 2016 , 41, 179-189	2.1	15
98	Design of nalidixic acid-vanadium complex loaded into chitosan hybrid nanoparticles as smart strategy to inhibit bacterial growth and quorum sensing. <i>International Journal of Biological Macromolecules</i> , 2020 , 161, 1568-1580	7.9	15
97	DFT Protocol for EPR Prediction of Paramagnetic Cu(II) Complexes and Application to Protein Binding Sites. <i>Magnetochemistry</i> , 2018 , 4, 55	3.1	15
96	A 2-D coordination polymer incorporating cobalt(II), 2-sulfoterephthalate and the flexible bridging ligand 1,3-di(4-pyridyl)propane. <i>Inorganic Chemistry Frontiers</i> , 2015 , 2, 157-163	6.8	14
95	Chelating ability and biological activity of hesperetin Schiff base. <i>Journal of Inorganic Biochemistry</i> , 2015 , 143, 34-47	4.2	14
94	Synthesis, structure and biological evaluation of mixed ligand oxidovanadium(IV) complexes incorporating 2-(aryloxy)phenolates. <i>New Journal of Chemistry</i> , 2019 , 43, 17711-17725	3.6	14
93	Chemistry of mixed-ligand oxidovanadium(IV) complexes of aroylhydrazones incorporating quinoline derivatives: Study of solution behavior, theoretical evaluation and protein/DNA interaction. <i>Journal of Inorganic Biochemistry</i> , 2019 , 199, 110786	4.2	14
92	Reversible switching of electronic ground state in a pentacoordinated Cu(II) 1D cationic polymer and structural diversity. <i>Inorganic Chemistry</i> , 2014 , 53, 6665-74	5.1	14

91	A mixed valent heterometallic Cu(II)/Na(I) coordination polymer with sodium-phenyl bonds. <i>Dalton Transactions</i> , 2014 , 43, 5558-63	4-3	14
90	A novel mixed valent Cu(II)-Cu(I) 2D framework made of a hydrazone and β -SCN bridged metallacyclic loops cross-linked by β -SCN chains. <i>Dalton Transactions</i> , 2012 , 41, 11565-8	4-3	14
89	A Novel μ 1,1-Azido-, μ 2-Alkoxo-, and μ 2-Phenoxo-Bridged Tetranuclear Copper(II) Complex with a Quinquedentate Schiff-Base Ligand: Magneto-Structural and DFT Studies. <i>Australian Journal of Chemistry</i> , 2009 , 62, 366	1.2	14
88	EPR interpretation, magnetism and biological study of a Cu(II) dinuclear complex assisted by a schiff base precursor. <i>Journal of Biological Inorganic Chemistry</i> , 2017 , 22, 481-495	3-7	13
87	ESI-MS Study of the Interaction of Potential Oxidovanadium(IV) Drugs and Amavadin with Model Proteins. <i>Inorganic Chemistry</i> , 2020 , 59, 9739-9755	5-1	13
86	Switching and redox isomerism in first-row transition metal complexes containing redox active Schiff base ligands. <i>Dalton Transactions</i> , 2014 , 43, 15958-67	4-3	13
85	The effect of non-coordinating side chains on the metal binding affinities of peptides of histidine. <i>Polyhedron</i> , 2013 , 62, 7-17	2-7	13
84	Determination of the hyperfine coupling constant and zero-field splitting in the ESR spectrum of Mn(2+) in calcite. <i>Magnetic Resonance in Chemistry</i> , 2006 , 44, 11-9	2-1	13
83	Vanadium(IV,V) complexes of D-saccharic and mucic acids in aqueous solution. <i>Dalton Transactions</i> , 2004 , 1882-91	4-3	13
82	Quantitative prediction of electronic absorption spectra of copper(II)-bioligand systems: Validation and applications. <i>Journal of Inorganic Biochemistry</i> , 2020 , 204, 110953	4-2	13
81	Coordination ability and biological activity of a naringenin thiosemicarbazone. <i>Journal of Inorganic Biochemistry</i> , 2016 , 165, 36-48	4-2	13
80	Rationalizing the Decavanadate(V) and Oxidovanadium(IV) Binding to G-Actin and the Competition with Decaniobate(V) and ATP. <i>Inorganic Chemistry</i> , 2021 , 60, 334-344	5-1	13
79	An enolato-bridged dinuclear Cu(II) complex with a coumarin-assisted precursor: a spectral, magnetic and biological study. <i>New Journal of Chemistry</i> , 2015 , 39, 7309-7321	3-6	12
78	Characterization and biotransformation in the plasma and red blood cells of V(IV)O(2+) complexes formed by ceftriaxone. <i>Journal of Inorganic Biochemistry</i> , 2015 , 147, 71-84	4-2	12
77	Copper(II) complexes of imidazolinone herbicides. <i>Inorganica Chimica Acta</i> , 1997 , 255, 215-220	2-7	12
76	Binding of Oxovanadium(IV) to Tripeptides Containing Histidine and Cysteine Residues and Its Biological Implication in the Transport of Vanadium and Insulin-Mimetic Compounds. <i>European Journal of Inorganic Chemistry</i> , 2005 , 2005, 4953-4963	2-3	12
75	Effects of side chain amino nitrogen donor atoms on metal complexation of aminohydroxamic acids: New diaminohydroxamates chelating Ni(II) more strongly than Fe(III). <i>Dalton Transactions RSC</i> , 2002 , 2632		12
74	Polyoxidovanadates' interactions with proteins: An overview. <i>Coordination Chemistry Reviews</i> , 2022 , 454, 214344	23-2	12

73	Unveiling V O Binding Modes to Human Serum Albumins by an Integrated Spectroscopic-Computational Approach. <i>Chemistry - A European Journal</i> , 2020 , 26, 11316-11326	4.8	12
72	Through-Space Spin Coupling in a Silver(II) Porphyrin Dimer upon Stepwise Oxidations: Ag ^{III} Ag ^{II} , Ag ^{II} Ag ^{III} , and Ag ^{II} Ag ^{II} Metallophilic Interactions. <i>Chemistry - A European Journal</i> , 2019 , 25, 10098-10110	4.8	11
71	Double azido/cyanato bridged copper(II) dimers incorporating tridentate nitrogen donors Schiff base: Structure, EPR and magnetic studies. <i>Polyhedron</i> , 2015 , 102, 137-146	2.7	11
70	Phenoxo bridged tetranuclear copper(II) and dinuclear zinc(II) complexes of 2,6-diformyl-4-methylphenol-di(benzoylhydrazone): Synthesis, structure, spectra and magnetism. <i>Inorganica Chimica Acta</i> , 2014 , 413, 194-202	2.7	11
69	Reversible switching of the electronic ground state in a pentacoordinated Cu(II) complex. <i>Chemical Communications</i> , 2013 , 49, 7806-8	5.8	11
68	Metal complexes of Imazapyr, a herbicide provided with efficient metal-chelating ability: crystal structure of the cobalt (III) and manganese (II) complexes. <i>Inorganica Chimica Acta</i> , 1998 , 272, 68-73	2.7	11
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