

Jolanta Swiatek-Kozłowska

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Efficient stabilization of copper(III) in tetraaza pseudo-macrocyclic oxime-and-hydrazide ligands with adjustable cavity size. <i>Chemical Communications</i> , 2006, , 4125-4127.	4.1	54
2	Effect of metal ionic radius and chelate ring alternation motif on stabilization of trivalent nickel and copper in binuclear complexes with double cis-oximate bridges. <i>Dalton Transactions</i> , 2005, , 1428-1437.	3.3	46
3	Study of complex formation with 2-hydroxyiminocarboxylates: specific metal binding ability of 2-(4-methylthiazol-2-yl)-2-(hydroxyimino)acetic acid. <i>Inorganica Chimica Acta</i> , 2002, 329, 113-121.	2.4	41
4	A new Cu(II) [12]metallo-crown-4 pentanuclear complex based on a Cu(II)-malonomonohydroxamic acid unit. <i>New Journal of Chemistry</i> , 2007, 31, 1798.	2.8	40
5	Hydrogen bonded supramolecular structures of cationic and anionic module assemblies containing square-planar oximate complex anions. <i>Inorganica Chimica Acta</i> , 2004, 357, 3746-3752.	2.4	37
6	Chelating dihydroxamic acids: study of metal speciation and co-ordination compounds with Ni ²⁺ and Cu ²⁺ . <i>Dalton Transactions RSC</i> , 2000, , 4064-4068.	2.3	36
7	Metal carbacylamidophosphates: ability of coordination patterns to di- and polymerization. <i>Polyhedron</i> , 2003, 22, 1221-1229.	2.2	36
8	The role of the histidine residue in the coordination abilities of peptides with a multi-histidine sequence towards copper(II) ions. <i>Polyhedron</i> , 2008, 27, 1539-1555.	2.2	35
9	Spectroscopic and crystal structure data of the alkali-, thallium (I) and onic-salts of dimethyl-N-trichloroacetylamidophosphate. <i>Polyhedron</i> , 2005, 24, 1007-1014.	2.2	34
10	The copper(II) coordination abilities of three novel cyclic tetrapeptides with -His-Xaa-His- motif. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 452-460.	3.5	34
11	Novel tetranuclear cubane-like Co(II) complexes involving chelate phosphoramidate ligands. <i>Polyhedron</i> , 2002, 21, 963-967.	2.2	33
12	General Aspects of Metal Ions as Signaling Agents in Health and Disease. <i>Biomolecules</i> , 2020, 10, 1417.	4.0	33
13	The copper(II) binding properties of the cyclic peptide c(HGHK). <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 2016-2021.	3.5	31
14	Extent of metal ion-sulfur binding in complexes of thiouracil nucleosides and nucleotides in aqueous solution. <i>Journal of Inorganic Biochemistry</i> , 2007, 101, 727-735.	3.5	26
15	Histidine tracts in human transcription factors: insight into metal ion coordination ability. <i>Journal of Biological Inorganic Chemistry</i> , 2018, 23, 81-90.	2.6	24
16	Solid state study of the copper(II) complex of 2-hydroxyiminopropanoic acid. <i>New Journal of Chemistry</i> , 2004, 28, 477-483.	2.8	22
17	Short-chain oligopeptides with copper(II) binding properties: The impact of specific structural modifications on the copper(II) coordination abilities. <i>Journal of Inorganic Biochemistry</i> , 2009, 103, 678-688.	3.5	18
18	Pyridine-2,6-dihydroxamic acid, a powerful dihydroxamate ligand for Ni ²⁺ and Cu ²⁺ ions. <i>Dalton Transactions RSC</i> , 2002, , 4639-4643.	2.3	15

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19	Impact of α, β -dehydroamino acid residues on the binding abilities of di-, tri- and tetra-peptides. <i>New Journal of Chemistry</i> , 2000, 24, 893-896.	2.8	13
20	Binding abilities of dehydropeptides towards Cu(II) and Ni(II) ions. Impact of α -E isomerization on metal ion binding. <i>Journal of Inorganic Biochemistry</i> , 2002, 90, 106-112.	3.5	12
21	Unusual gain in the coordination ability of vasopressin-like peptides towards Cu ²⁺ ions by insertion of the highly hydrophobic side chain. <i>New Journal of Chemistry</i> , 2003, 27, 251-256.	2.8	12
22	Formation equilibria of nickel complexes with glycyl-histidyl-lysine and two synthetic analogues. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 153-160.	3.5	12
23	The binding ability of famotidine, the antiulcerogenic agent. Ternary complexes with histidine and histamine with copper(II). <i>Inorganica Chimica Acta</i> , 1993, 207, 223-226.	2.4	11
24	A New Binuclear Lutetium(III) Dimethyl-N-trichloroacetylamidophosphate Complex with a β, β' -Dipyridyl Bridge, $\{Lu[CCl_3C(O)NP(O)(OCH_3)_2]_2 \cdot 1/4(\beta, \beta'$ -dipy). <i>Zeitschrift Fur Naturforschung - Section B Journal of Chemical Sciences</i> , 2001, 56, 249-254.	0.7	11
25	Insertion of oximic and hydroxamic functions into one simple amino acid creates a new family of powerful chelating agents. <i>Journal of the Chemical Society Dalton Transactions</i> , 1998, , 1089-1090.	1.1	10
26	Coordination ability of pentapeptides with two dehydro-amino acid residues inserted into their sequences. <i>Journal of Inorganic Biochemistry</i> , 2004, 98, 1391-1398.	3.5	10
27	Acid-base and metal ion binding properties of 2-thiocytidine in aqueous solution. <i>Journal of Biological Inorganic Chemistry</i> , 2008, 13, 663-674.	2.6	10
28	$1/4$ -Oxalato- $1/2$ - $2/2$ -bis(chloro{[1-(2-pyridyl- β N)ethylidene]hydrazine- β N}copper(II)). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m438-m440.	0.2	6
29	Acid-base and metal ion-binding properties of thiopyrimidine derivatives. <i>Coordination Chemistry Reviews</i> , 2016, 327-328, 200-220.	18.8	5
30	The unusual binding abilities of the His-analogue of Arg-vasopressin towards Cu ²⁺ . <i>Dalton Transactions</i> , 2008, , 4978.	3.3	4
31	Triplet of cysteines - Coordinational riddle?. <i>Journal of Inorganic Biochemistry</i> , 2020, 204, 110957.	3.5	4
32	Bis(ethylenediaminium) bis[oxalohydroxamato(3-)]nickelate(II) dihydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, m498-m500.	0.4	3
33	Influence of the position of two dehydro-amino acids residues in the oligopeptide sequence on the binding ability towards Cu(II) ions. <i>Polyhedron</i> , 2005, 24, 1929-1936.	2.2	1
34	Tris(ethylenediamine)nickel(II) bis[2-cyano-2-(oxidoimino)acetamidato]nickelate(II) monohydrate. <i>Acta Crystallographica Section C: Crystal Structure Communications</i> , 2006, 62, m331-m333.	0.4	1
35	Bis[ethyl 2-cyano-2-(oxidoimino)acetate]bis(ethylenediamine)nickel(II) hexahydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2007, 63, m9-m11.	0.2	1
36	A novel approach for obtaining α, β -diaminophosphonates bearing structurally diverse side chains and their interactions with transition metal ions studied by ITC. <i>RSC Advances</i> , 2020, 10, 24045-24056.	3.6	1