Biljana Ä•GliÅ¡iÄ

List of Publications by Year
in descending order

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		516561	501076
55	931	16	28
papers	citations	h-index	g-index

55	55	55	1252
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Clinically used antifungal azoles as ligands for gold(<scp>iii</scp>) complexes: the influence of the Au(<scp>iii</scp>) ion on the antimicrobial activity of the complex. Dalton Transactions, 2022, 51, 5322-5334.	1.6	10
2	Structural characterization and antimicrobial evaluation of chromium(III) and cobalt(III) complexes with 2,2-diMe-1,3-pdta: Tuning dimensionality of coordination polymer and the water content by alkyl substitution. Polyhedron, 2022, 222, 115864.	1.0	4
3	Zinc(II) Complexes with Dimethyl 2,2â€²-Bipyridine-4,5-dicarboxylate: Structure, Antimicrobial Activity and DNA/BSA Binding Study. Inorganics, 2022, 10, 71.	1.2	5
4	Tailoring copper(ii) complexes with pyridine-4,5-dicarboxylate esters for anti-Candida activity. Dalton Transactions, 2021, 50, 2627-2638.	1.6	10
5	Structural Characterization, Antimicrobial Activity and BSA/DNA Binding Affinity of New Silver(I) Complexes with Thianthrene and 1,8-Naphthyridine. Molecules, 2021, 26, 1871.	1.7	12
6	Copper(II) complexes of aminopolycarboxylate ligands with N2O2, N2O3 and N2O4 donor sets. The relationship between the ligand structure and molecular geometry of the complex. Journal of Molecular Structure, 2021, 1232, 130001.	1.8	2
7	Improvement of the anti-Candida activity of itraconazole in the zebrafish infection model by its coordination to silver(I). Journal of Molecular Structure, 2021, 1232, 130006.	1.8	9
8	Electroanalysis of Candida albicans biofilms: A suitable real-time tool for antifungal testing. Electrochimica Acta, 2021, 389, 138757.	2.6	10
9	Copper(II) and Zinc(II) Complexes with the Clinically Used Fluconazole: Comparison of Antifungal Activity and Therapeutic Potential. Pharmaceuticals, 2021, 14, 24.	1.7	22
10	New polynuclear 1,5-naphthyridine-silver(I) complexes as potential antimicrobial agents: The key role of the nature of donor coordinated to the metal center. Journal of Inorganic Biochemistry, 2020, 203, 110872.	1.5	16
11	Silver(I) complexes with 1,10-phenanthroline-based ligands: The influence of epoxide function on the complex structure and biological activity. Inorganica Chimica Acta, 2020, 502, 119357.	1.2	10
12	Reactions of gold(III) complexes with <scp>l</scp>-histidine-containing dipeptides: influence of chelated ligand and N-terminal amino acid on the rate of peptide coordination. Journal of Coordination Chemistry, 2020, 73, 2182-2194.	0.8	0
13	Zinc(II) complexes with aromatic nitrogen-containing heterocycles as antifungal agents: Synergistic activity with clinically used drug nystatin. Journal of Inorganic Biochemistry, 2020, 208, 111089.	1.5	9
14	Silver(<scp>i</scp>) complexes with different pyridine-4,5-dicarboxylate ligands as efficient agents for the control of cow mastitis associated pathogens. Dalton Transactions, 2020, 49, 6084-6096.	1.6	13
15	Structural characterization and biological evaluation of polynuclear Mn(II) and Cd(II) complexes with 2,2-dimethyl-1,3-propanediamine-N,N,Nâ€™,Nâ€™-tetraacetate. The influence of ligand structure and counter cation on the complex nuclearity. Polyhedron, 2020, 188, 114688.	1.0	8
16	Dinuclear silver(<scp>i</scp>) complexes with a pyridine-based macrocyclic type of ligand as antimicrobial agents against clinically relevant species: the influence of the counteranion on the structure diversification of the complexes. Dalton Transactions, 2020, 49, 10880-10894.	1.6	16
17	Amino Acids and Peptides as Versatile Ligands in the Synthesis of Antiproliferative Gold Complexes. Chemistry, 2020, 2, 203-218.	0.9	7
18	Antimicrobial Activity and DNA/BSA Binding Affinity of Polynuclear Silver(I) Complexes with 1,2-Bis(4-pyridyl)ethane/ethene as Bridging Ligands. Bioinorganic Chemistry and Applications, 2020, 2020, 1-12.	1.8	12

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19	Mononuclear gold(<scp>iii</scp>) complexes with diazanaphthalenes: the influence of the position of nitrogen atoms in the aromatic rings on the complex crystalline properties. RSC Advances, 2020, 10, 44481-44493.	1.7	5
20	Polynuclear Silver(I) Complex with Thianthrene: Structural Characterization, Antimicrobial Activity and Interaction with Biomolecules. Proceedings (mdpi), 2020, 67, .	0.2	1
21	Synthesis and spectroscopic characterization of polynuclear silver(I) complex with 2,2'-biquinoline. The University Thought: Publication in Natural Sciences, 2020, 10, 26-30.	0.3	1
22	Synthesis and spectroscopic characterization of new solid solution containing Mg(II) and Cu(II) complexes with hexadentate 1,3-propanediaminen, N,Nâ€™,Nâ€™-tetraacetate (1,3-pdta) ligand: In vitro antifungal activity of 1,3-pdta-Cu(II) complexes. Facta Universitatis - Series Physics Chemistry and Technology, 2020, 18, 47-56.	0.2	0
23	Different coordination abilities of 1,7- and 4,7-phenanthroline in the reactions with copper(II) salts: Structural characterization and biological evaluation of the reaction products. Polyhedron, 2019, 173, 114112.	1.0	6
24	Silver(I) complexes with 4,7-phenanthroline efficient in rescuing the zebrafish embryos of lethal Candida albicans infection. Journal of Inorganic Biochemistry, 2019, 195, 149-163.	1.5	17
25	Synthesis and structural analysis of polynuclear silver(I) complexes with 4,7-phenanthroline. Journal of the Serbian Chemical Society, 2019, 84, 689-699.	0.4	3
26	Water-soluble gold(III) complexes with N-donor ligands as potential immunomodulatory and antibiofilm agents. Polyhedron, 2018, 141, 164-180.	1.0	19
27	Synthesis, cytotoxic activity and DNA-binding properties of copper(II) complexes with terpyridine. Polyhedron, 2018, 139, 313-322.	1.0	26
28	Hydrolysis of Methionine- and Histidine-Containing Peptides Promoted by Dinuclear Platinum(II) Complexes with Benzodiazines as Bridging Ligands: Influence of Ligand Structure on the Catalytic Ability of Platinum(II) Complexes. Bioinorganic Chemistry and Applications, 2018, 2018, 1-12.	1.8	6
29	Mononuclear silver(I) complexes with 1,7-phenanthroline as potent inhibitors of Candida growth. European Journal of Medicinal Chemistry, 2018, 156, 760-773.	2.6	36
30	Synthesis, structural characterization and antimicrobial activity of silver(I) complexes with 1-benzyl-1H-tetrazoles. Polyhedron, 2018, 154, 325-333.	1.0	16
31	Mononuclear gold(<scp>iii</scp>) complexes with<scp>l</scp>-histidine-containing dipeptides: tuning the structural and biological properties by variation of the N-terminal amino acid and counter anion. Dalton Transactions, 2017, 46, 2594-2608.	1.6	22
32	Hydrolysis of the amide bond in histidine- and methionine-containing dipeptides promoted by pyrazine and pyridazine palladium(II)-aqua dimers: Comparative study with platinum(II) analogues. Bioorganic Chemistry, 2017, 72, 190-198.	2.0	10
33	The nature of the Auâ€“N bond in gold(<scp>iii</scp>) complexes with aromatic nitrogen-containing heterocycles: the influence of Au(<scp>iii</scp>) ions on the ligand aromaticity. New Journal of Chemistry, 2017, 41, 12407-12415.	1.4	17
34	Mononuclear gold(III) complexes with phenanthroline ligands as efficient inhibitors of angiogenesis: A comparative study with auranofin and sunitinib. Journal of Inorganic Biochemistry, 2017, 174, 156-168.	1.5	22
35	In vitro antimicrobial activity and cytotoxicity of nickel(II) complexes with different diamine ligands. Journal of the Serbian Chemical Society, 2017, 82, 389-398.	0.4	1
36	Copper(II) complexes with different diamines as inhibitors of bacterial quorum sensing activity. Journal of the Serbian Chemical Society, 2017, 82, 1357-1367.	0.4	2

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37	Synthesis, structural characterization and biological evaluation of dinuclear gold(<scp>iii</scp>) complexes with aromatic nitrogen-containing ligands: antimicrobial activity in relation to the complex nuclearity. MedChemComm, 2016, 7, 1356-1366.	3.5	16
38	Copper(<scp>ii</scp>) complexes with aromatic nitrogen-containing heterocycles as effective inhibitors of quorum sensing activity in Pseudomonas aeruginosa. RSC Advances, 2016, 6, 86695-86709.	1.7	26
39	A comparative antimicrobial and toxicological study of gold(<scp>iii</scp>) and silver(<scp>i</scp>) complexes with aromatic nitrogen-containing heterocycles: synergistic activity and improved selectivity index of Au(<scp>iii</scp>)/Ag(<scp>i</scp>) complexes mixture. RSC Advances, 2016, 6, 13193-13206.	1.7	38
40	Silver(I) complexes with phthalazine and quinazoline as effective agents against pathogenic Pseudomonas aeruginosa strains. Journal of Inorganic Biochemistry, 2016, 155, 115-128.	1.5	59
41	Selectivity of the complexation reactions of four regioisomeric methylcamphorquinoxaline ligands with gold(III): X-ray, NMR and DFT investigations. Polyhedron, 2016, 105, 137-149.	1.0	10
42	Silver(<scp>i</scp>) complexes with quinazoline and phthalazine: synthesis, structural characterization and evaluation of biological activities. MedChemComm, 2016, 7, 282-291.	3.5	21
43	Different reaction products as a function of solvent: NMR spectroscopic and crystallographic characterization of the products of the reaction of gold(III) with 2-(aminomethyl)pyridine. Polyhedron, 2015, 91, 35-41.	1.0	4
44	Gold(III) complexes with phenazine and quinoxaline: The role of molecular symmetry in intra- and intermolecular interactions. Polyhedron, 2015, 87, 208-214.	1.0	16
45	Gold complexes as antimicrobial agents: an overview of different biological activities in relation to the oxidation state of the gold ion and the ligand structure. Dalton Transactions, 2014, 43, 5950-5969.	1.6	172
46	Oxidation of methionine residue in Gly-Met dipeptide induced by [Au(en)Cl2]+ and influence of the chelated ligand on the rate of this redox process. Gold Bulletin, 2014, 47, 33-40.	1.1	14
47	Gold(III) complexes with monodentate coordinated diazines: An evidence for strong electron-withdrawing effect of Au(III) ion. Polyhedron, 2014, 79, 221-228.	1.0	20
48	The reactions of [Au(dien)Cl]²⁺with L-histidine-containing dipeptides. Dependence of complex formation on the dipeptide structure. Journal of Coordination Chemistry, 2013, 66, 424-434.	0.8	3
49	Solution study under physiological conditions and cytotoxic activity of the gold(III) complexes with L-histidine-containing peptides. Journal of the Serbian Chemical Society, 2013, 78, 1911-1924.	0.4	7
50	Reactions and structural characterization of gold(iii) complexes with amino acids, peptides and proteins. Dalton Transactions, 2012, 41, 6887.	1.6	81
51	A spectroscopic and electrochemical investigation of the oxidation pathway of glycyl-d,l-methionine and its N-acetyl derivative induced by gold(III). Gold Bulletin, 2011, 44, 91-98.	1.1	14
52	A comparative study of complex formation in the reactions of gold(III) with Gly-Gly, Gly-l-Ala and Gly-l-His dipeptides. Bioorganic Chemistry, 2010, 38, 144-148.	2.0	9
53	Monocationic gold(iii) Gly-l-His and l-Ala-l-His dipeptide complexes: crystal structures arising from solvent free and solvent-containing crystal formation and structural modifications tuned by counter-anions. Dalton Transactions, 2010, 39, 8906.	1.6	18
54	Hydrolysis of the amide bond in methionine-containing peptides catalyzed by various palladium(II) complexes: Dependence of the hydrolysis rate on the steric bulk of the catalyst. Bioorganic Chemistry, 2009, 37, 173-179.	2.0	17

#	ARTICLE	IF	CITATIONS
55	Antimicrobial activity and DNA/BSA binding study of new silver(I) complexes with 1,8-naphthyridine. , 0, , .		1