

# Biljana Ä.GliÄ;iÄ

## List of Publications by Year in descending order

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55  
papers

931  
citations

516215

16  
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500791

28  
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55  
docs citations

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times ranked

1252  
citing authors

#	ARTICLE	IF	CITATIONS
1	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. <i>Dalton Transactions</i> , 2014, 43, 5950-5969.	1.6	172
2	Reactions and structural characterization of gold(III) complexes with amino acids, peptides and proteins. <i>Dalton Transactions</i> , 2012, 41, 6887.	1.6	81
3	Silver(I) complexes with phthalazine and quinazoline as effective agents against pathogenic <i>Pseudomonas aeruginosa</i> strains. <i>Journal of Inorganic Biochemistry</i> , 2016, 155, 115-128.	1.5	59
4	A comparative antimicrobial and toxicological study of gold(III) and silver(I) complexes with aromatic nitrogen-containing heterocycles: synergistic activity and improved selectivity index of Au(III)/Ag(I) complexes mixture. <i>RSC Advances</i> , 2016, 6, 13193-13206.	1.7	38
5	Mononuclear silver(I) complexes with 1,7-phenanthroline as potent inhibitors of <i>Candida</i> growth. <i>European Journal of Medicinal Chemistry</i> , 2018, 156, 760-773.	2.6	36
6	Copper(II) complexes with aromatic nitrogen-containing heterocycles as effective inhibitors of quorum sensing activity in <i>Pseudomonas aeruginosa</i> . <i>RSC Advances</i> , 2016, 6, 86695-86709.	1.7	26
7	Synthesis, cytotoxic activity and DNA-binding properties of copper(II) complexes with terpyridine. <i>Polyhedron</i> , 2018, 139, 313-322.	1.0	26
8	Mononuclear gold(III) complexes with L-histidine-containing dipeptides: tuning the structural and biological properties by variation of the N-terminal amino acid and counter anion. <i>Dalton Transactions</i> , 2017, 46, 2594-2608.	1.6	22
9	Mononuclear gold(III) complexes with phenanthroline ligands as efficient inhibitors of angiogenesis: A comparative study with auranofin and sunitinib. <i>Journal of Inorganic Biochemistry</i> , 2017, 174, 156-168.	1.5	22
10	Copper(II) and Zinc(II) Complexes with the Clinically Used Fluconazole: Comparison of Antifungal Activity and Therapeutic Potential. <i>Pharmaceuticals</i> , 2021, 14, 24.	1.7	22
11	Silver(I) complexes with quinazoline and phthalazine: synthesis, structural characterization and evaluation of biological activities. <i>MedChemComm</i> , 2016, 7, 282-291.	3.5	21
12	Gold(III) complexes with monodentate coordinated diazines: An evidence for strong electron-withdrawing effect of Au(III) ion. <i>Polyhedron</i> , 2014, 79, 221-228.	1.0	20
13	Water-soluble gold(III) complexes with N-donor ligands as potential immunomodulatory and antibiofilm agents. <i>Polyhedron</i> , 2018, 141, 164-180.	1.0	19
14	Monocationic gold(III) Gly-I-His and I-Ala-I-His dipeptide complexes: crystal structures arising from solvent free and solvent-containing crystal formation and structural modifications tuned by counter-anions. <i>Dalton Transactions</i> , 2010, 39, 8906.	1.6	18
15	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. <i>Bioorganic Chemistry</i> , 2009, 37, 173-179.	2.0	17
16	The nature of the Au–N bond in gold(III) complexes with aromatic nitrogen-containing heterocycles: the influence of Au(III) ions on the ligand aromaticity. <i>New Journal of Chemistry</i> , 2017, 41, 12407-12415.	1.4	17
17	Silver(I) complexes with 4,7-phenanthroline efficient in rescuing the zebrafish embryos of lethal <i>Candida albicans</i> infection. <i>Journal of Inorganic Biochemistry</i> , 2019, 195, 149-163.	1.5	17
18	Gold(III) complexes with phenazine and quinoxaline: The role of molecular symmetry in intra- and intermolecular interactions. <i>Polyhedron</i> , 2015, 87, 208-214.	1.0	16

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19	Synthesis, structural characterization and biological evaluation of dinuclear gold(III) complexes with aromatic nitrogen-containing ligands: antimicrobial activity in relation to the complex nuclearity. <i>MedChemComm</i> , 2016, 7, 1356-1366.	3.5	16
20	Synthesis, structural characterization and antimicrobial activity of silver(I) complexes with 1-benzyl-1H-tetrazoles. <i>Polyhedron</i> , 2018, 154, 325-333.	1.0	16
21	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. <i>Journal of Inorganic Biochemistry</i> , 2020, 203, 110872.	1.5	16
22	Dinuclear silver(I) 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. <i>Dalton Transactions</i> , 2020, 49, 10880-10894.	1.6	16
23	A spectroscopic and electrochemical investigation of the oxidation pathway of glycyl-d,l-methionine and its N-acetyl derivative induced by gold(III). <i>Gold Bulletin</i> , 2011, 44, 91-98.	1.1	14
24	Oxidation of methionine residue in Gly-Met dipeptide induced by [Au(en)Cl <sub>2</sub> ] <sup>+</sup> and influence of the chelated ligand on the rate of this redox process. <i>Gold Bulletin</i> , 2014, 47, 33-40.	1.1	14
25	Silver(I) complexes with different pyridine-4,5-dicarboxylate ligands as efficient agents for the control of cow mastitis associated pathogens. <i>Dalton Transactions</i> , 2020, 49, 6084-6096.	1.6	13
26	Antimicrobial Activity and DNA/BSA Binding Affinity of Polynuclear Silver(I) Complexes with 1,2-Bis(4-pyridyl)ethane/ethene as Bridging Ligands. <i>Bioinorganic Chemistry and Applications</i> , 2020, 2020, 1-12.	1.8	12
27	Structural Characterization, Antimicrobial Activity and BSA/DNA Binding Affinity of New Silver(I) Complexes with Thianthrene and 1,8-Naphthyridine. <i>Molecules</i> , 2021, 26, 1871.	1.7	12
28	Selectivity of the complexation reactions of four regioisomeric methylcamphorquinoxaline ligands with gold(III): X-ray, NMR and DFT investigations. <i>Polyhedron</i> , 2016, 105, 137-149.	1.0	10
29	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. <i>Bioorganic Chemistry</i> , 2017, 72, 190-198.	2.0	10
30	Silver(I) complexes with 1,10-phenanthroline-based ligands: The influence of epoxide function on the complex structure and biological activity. <i>Inorganica Chimica Acta</i> , 2020, 502, 119357.	1.2	10
31	Tailoring copper(II) complexes with pyridine-4,5-dicarboxylate esters for anti-Candida activity. <i>Dalton Transactions</i> , 2021, 50, 2627-2638.	1.6	10
32	Electroanalysis of <i>Candida albicans</i> biofilms: A suitable real-time tool for antifungal testing. <i>Electrochimica Acta</i> , 2021, 389, 138757.	2.6	10
33	Clinically used antifungal azoles as ligands for gold(III) complexes: the influence of the Au(III) ion on the antimicrobial activity of the complex. <i>Dalton Transactions</i> , 2022, 51, 5322-5334.	1.6	10
34	A comparative study of complex formation in the reactions of gold(III) with Gly-Gly, Gly-l-Ala and Gly-l-His dipeptides. <i>Bioorganic Chemistry</i> , 2010, 38, 144-148.	2.0	9
35	Zinc(II) complexes with aromatic nitrogen-containing heterocycles as antifungal agents: Synergistic activity with clinically used drug nystatin. <i>Journal of Inorganic Biochemistry</i> , 2020, 208, 111089.	1.5	9
36	Improvement of the anti-Candida activity of itraconazole in the zebrafish infection model by its coordination to silver(I). <i>Journal of Molecular Structure</i> , 2021, 1232, 130006.	1.8	9

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37	Structural characterization and biological evaluation of polynuclear Mn(II) and Cd(II) complexes with 2,2-dimethyl-1,3-propanediamine-N,N,N',N'-tetraacetate. The influence of ligand structure and counter cation on the complex nuclearity. <i>Polyhedron</i> , 2020, 188, 114688.	1.0	8
38	Solution study under physiological conditions and cytotoxic activity of the gold(III) complexes with L-histidine-containing peptides. <i>Journal of the Serbian Chemical Society</i> , 2013, 78, 1911-1924.	0.4	7
39	Amino Acids and Peptides as Versatile Ligands in the Synthesis of Antiproliferative Gold Complexes. <i>Chemistry</i> , 2020, 2, 203-218.	0.9	7
40	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. <i>Bioinorganic Chemistry and Applications</i> , 2018, 2018, 1-12.	1.8	6
41	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. <i>Polyhedron</i> , 2019, 173, 114112.	1.0	6
42	Mononuclear gold(III) complexes with diazanaphthalenes: the influence of the position of nitrogen atoms in the aromatic rings on the complex crystalline properties. <i>RSC Advances</i> , 2020, 10, 44481-44493.	1.7	5
43	Zinc(II) Complexes with Dimethyl 2,2'-Bipyridine-4,5-dicarboxylate: Structure, Antimicrobial Activity and DNA/BSA Binding Study. <i>Inorganics</i> , 2022, 10, 71.	1.2	5
44	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. <i>Polyhedron</i> , 2015, 91, 35-41.	1.0	4
45	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. <i>Polyhedron</i> , 2022, 222, 115864.	1.0	4
46	The reactions of [Au(dien)Cl] <sup>2+</sup> with L-histidine-containing dipeptides. Dependence of complex formation on the dipeptide structure. <i>Journal of Coordination Chemistry</i> , 2013, 66, 424-434.	0.8	3
47	Synthesis and structural analysis of polynuclear silver(I) complexes with 4,7-phenanthroline. <i>Journal of the Serbian Chemical Society</i> , 2019, 84, 689-699.	0.4	3
48	Copper(II) complexes of aminopolycarboxylate ligands with N <sub>2</sub> O <sub>2</sub> , N <sub>2</sub> O <sub>3</sub> and N <sub>2</sub> O <sub>4</sub> donor sets. The relationship between the ligand structure and molecular geometry of the complex. <i>Journal of Molecular Structure</i> , 2021, 1232, 130001.	1.8	2
49	Copper(II) complexes with different diamines as inhibitors of bacterial quorum sensing activity. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 1357-1367.	0.4	2
50	In vitro antimicrobial activity and cytotoxicity of nickel(II) complexes with different diamine ligands. <i>Journal of the Serbian Chemical Society</i> , 2017, 82, 389-398.	0.4	1
51	Polynuclear Silver(I) Complex with Thianthrene: Structural Characterization, Antimicrobial Activity and Interaction with Biomolecules. <i>Proceedings (mdpi)</i> , 2020, 67, .	0.2	1
52	Antimicrobial activity and DNA/BSA binding study of new silver(I) complexes with 1,8-naphthyridine. , 0, , .		1
53	Synthesis and spectroscopic characterization of polynuclear silver(I) complex with 2,2'-biquinoline. <i>The University Thought: Publication in Natural Sciences</i> , 2020, 10, 26-30.	0.3	1
54	Reactions of gold(III) complexes with <sc> </sc>-histidine-containing dipeptides: influence of chelated ligand and N-terminal amino acid on the rate of peptide coordination. <i>Journal of Coordination Chemistry</i> , 2020, 73, 2182-2194.	0.8	0

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55	Synthesis and spectroscopic characterization of new solid solution containing Mg(II) and Cu(II) complexes with hexadentate 1,3-propanediaminen, N,N-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