

Duygu Aönç

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Synthesis and crystal structures of novel copper(II) complexes with glycine and substituted phenanthrolines: reactivity towards DNA/BSA and in vitro cytotoxic and antimicrobial evaluation. <i>Journal of Biological Inorganic Chemistry</i> , 2017, 22, 61-85.	2.6	52
2	New water-soluble copper (II) complexes including 4,7-dimethyl-1,10-phenanthroline and l-tyrosine: Synthesis, characterization, DNA interactions and cytotoxicities. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 761-770.	3.9	32
3	Binary and ternary new water soluble copper(II) complexes of l-tyrosine and substituted 1,10-phenanthrolines: Effect of substitution on DNA interactions and cytotoxicities. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 145, 313-324.	3.9	31
4	Synthesis, crystal structure, stability studies, DNA/albumin interactions, and antimicrobial activities of two Cu(II) complexes with amino acids and 5-nitro-1,10-phenanthroline. <i>Journal of Coordination Chemistry</i> , 2017, 70, 512-543.	2.2	30
5	Affinity of a new copper(II) complex to DNA/BSA and antioxidant/radical scavenging activities: crystal structure of [Cu(4,7-diphenyl-1,10-phenanthroline)(leucine)(NO ₃)(H ₂ O)]. <i>Journal of Coordination Chemistry</i> , 2016, 69, 2677-2696.	2.2	25
6	Cu (II) tyrosinate complexes containing methyl substituted phenanthrolines: Synthesis, X-ray crystal structures, biomolecular interactions, antioxidant activity, ROS generation and cytotoxicity. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4652.	3.5	25
7	Antiproliferative activity of copper(II) glutamine complexes with N,N-donor ligands: Synthesis, characterization, potentiometric studies and DNA/BSA interactions. <i>Journal of Molecular Structure</i> , 2019, 1194, 245-255.	3.6	21
8	Newly synthesized Cu(II) pyrazino[2,3-cf][1,10]phenanthroline complexes as potential anticancer candidates. <i>Applied Organometallic Chemistry</i> , 2018, 32, e4309.	3.5	19
9	Stabilities of the Ternary Complexes of Copper(II) with Substituted 1,10-Phenanthrolines and Some Amino Acids in Aqueous Solution. <i>Journal of Solution Chemistry</i> , 2014, 43, 711-726.	1.2	18
10	Methyl substituent effect on one-dimensional copper(II) coordination polymers containing biologically active ligands: Synthesis, characterization, DNA interactions and cytotoxicities. <i>Applied Organometallic Chemistry</i> , 2019, 33, e5122.	3.5	18
11	Interaction of a new copper(II) complex by bovine serum albumin and dipeptidyl peptidase-IV. <i>Journal of Molecular Structure</i> , 2019, 1177, 317-322.	3.6	16
12	Potentiometric and Spectrophotometric Studies of the Complexation of Lanthanum(III) with Adrenaline, Noradrenaline, and Dopamine. <i>Journal of Chemical & Engineering Data</i> , 2012, 57, 967-973.	1.9	15
13	Potentiometric Studies on Complexation of Cu(II) Ion with Methyl/Nitro-Substituted 1,10-Phenanthrolines and Selected Amino Acids. <i>Journal of Solution Chemistry</i> , 2017, 46, 124-138.	1.2	15
14	New binary copper(II) complexes containing intercalating ligands: DNA interactions, an unusual static quenching mechanism of BSA and cytotoxic activities. <i>Journal of Biomolecular Structure and Dynamics</i> , 2018, 36, 3878-3901.	3.5	15
15	Water-soluble binary and ternary palladium(II) complexes containing amino acids and intercalating ligands: synthesis, characterization, biomolecular interactions and cytotoxicities. <i>New Journal of Chemistry</i> , 2019, 43, 4681-4697.	2.8	15
16	Structures, hydrolysis, stabilities of palladium(II) complexes containing biologically active ligands and species distribution in aqueous solution. <i>Journal of Molecular Structure</i> , 2019, 1187, 23-37.	3.6	9
17	Cu(II) complex with auxin (3-indoleacetic acid) and an aromatic planar ligand: synthesis, crystal structure, biomolecular interactions and radical scavenging activity. <i>European Biophysics Journal</i> , 2021, 50, 771-785.	2.2	9
18	NOO-type tridentate Schiff base ligand and its one-dimensional Cu(II) coordination polymer: Synthesis, crystal structure, biomacromolecular interactions and radical scavenging activities. <i>Inorganica Chimica Acta</i> , 2021, 514, 119994.	2.4	7

#	ARTICLE	IF	CITATIONS
19	A new ternary Cu (II) complex with 4,7-dimethyl-1,10-phenanthroline and NOO-type tridentate Schiff base ligand: Synthesis, crystal structure, <i>in vitro</i> biomacromolecular interactions, and radical scavenging activities. Applied Organometallic Chemistry, 2020, 34, e6016.	3.5	5
20	Equilibria Studies on Nickel(II) Complexes with 1,10-Phenanthroline Derivatives and Some Amino Acids in Aqueous Solution. Journal of Solution Chemistry, 2021, 50, 128-146.	1.2	3
21	A potent drug candidature of Cu(II) pyrazino[2,3-f][1,10]phenanthroline complexes with bioactive ligands: synthesis, crystal structures, biomolecular interactions, radical scavenging and cytotoxicities. Journal of Biomolecular Structure and Dynamics, 2020, 39, 1-19.	3.5	2
22	Investigation on water soluble copper(II) mono-anionic glutamate complexes with planar aromatic ligands: synthesis, crystal structures, biomacromolecular interactions and radical scavenging activities. Journal of Molecular Structure, 2021, 1225, 129099.	3.6	2
23	Synthesis, characterisation, and equilibrium studies of 1-(2-ethyl-1,2,3,4-tetrahydro-quinazolin-2-yl)-ethanone oxime and the copper(II) complex of its open-chain tautomer. Russian Journal of General Chemistry, 2014, 84, 2240-2247.	0.8	1
24	Temperature and methyl substitution effect on copper(II) complexes with biorelevant ligands and species distribution in aqueous solution. Physics and Chemistry of Liquids, 2020, 58, 636-650.	1.2	1
25	Biomacromolecular interactions and radical scavenging activities of one-dimensional (1D) copper(II) glycinate coordination polymer. Journal of the Iranian Chemical Society, 2021, 18, 3017-3030.	2.2	1
26	Neocuproine Copper(II) Complexes with Bioactive Ligands in Aqueous Solution. Russian Journal of Inorganic Chemistry, 2020, 65, 2033-2045.	1.3	0