BÃœÅra Kaya

List of Publications by Year
in descending order

18	220	1039406 9	1058022 14
papers	citations	h-index	g-index

18	18	18	234
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Structural analysis and biological functionalities of iron(III)â€“ and manganese(III)â€“thiosemicarbazone complexes: in vitro anti-proliferative activity on human cancer cells, DNA binding and cleavage studies. Journal of Biological Inorganic Chemistry, 2019, 24, 365-376.	1.1	28
2	Novel palladium (II) complexes with tetradentate thiosemicarbazones. Synthesis, characterization, in vitro cytotoxicity and xanthine oxidase inhibition. Investigational New Drugs, 2019, 37, 1187-1197.	1.2	26
3	Iron(III) and nickel(II) complexes with S-alkyl (n-C1-6)- thiosemicarbazidato ligands: Synthesis, structural characterization, and antioxidant features. Journal of Molecular Structure, 2018, 1167, 16-22.	1.8	21
4	The iron(III) and nickel(II) complexes with tetradentate thiosemicarbazones. Synthesis, experimental, theoretical characterization, and antiviral effect against SARS-CoV-2. Journal of Molecular Structure, 2021, 1246, 131166.	1.8	21
5	Structural characterization of new zinc(<scp>ii</scp>) complexes with N₂O₂ chelating thiosemicarbazidato ligands; investigation of the relationship between their DNA interaction and in vitro antiproliferative activity towards human cancer cells. New Journal of Chemistry, 2020, 44, 9313-9320.	1.4	19
6	Thiosemicarbazide-based iron(III) and manganese(III) complexes. Structural, electrochemical characterization and antioxidant activity. Polyhedron, 2019, 173, 114130.	1.0	18
7	Asymmetric N₂O₂ complexes of iron(III) and nickel(II) obtained from acetylacetone-S-methyl-thiosemicarbazone: synthesis, characterization and electrochemistry. Journal of Coordination Chemistry, 2015, 68, 586-598.	0.8	15
8	Apoptotic mechanisms of nickel(II) complex with N1-acetylacetone-N4-4-methoxy-salicylidene-S-allyl-thiosemicarbazone on HL60 leukemia cells. General Physiology and Biophysics, 2016, 35, 451-458.	0.4	14
9	Oxovanadium(IV) complexes with tetradentate thiosemicarbazones. Synthesis, characterization, anticancer enzyme inhibition and in vitro cytotoxicity on breast cancer cells. Polyhedron, 2021, 202, 115192.	1.0	10
10	Iron(III) complex with N2O2-thiosemicarbazidato and azide ligands. Synthesis mechanism, experimental and theoretical studies. Journal of Molecular Structure, 2019, 1191, 337-344.	1.8	9
11	Cobalt(II)/(III) complexes bearing a tetradentate thiosemicarbazone: Synthesis, experimental and theoretical characterization, and electrochemical and antioxidant properties. Applied Organometallic Chemistry, 2020, 34, e5930.	1.7	8
12	Iron(III) and nickel(II) complexes of tetradentate thiosemicarbazones: Synthesis, structure, cytotoxicity, and lipophilicity. Journal of Biochemical and Molecular Toxicology, 2019, 33, e22383.	1.4	7
13	Iron(III) complexes based on tetradentate thiosemicarbazones: Synthesis, characterization, radical scavenging activity andin vitrocytotoxicity on K562, P3HR1 and JURKAT cells. Applied Organometallic Chemistry, 2021, 35, e6157.	1.7	6
14	S-alkylated thiosemicarbazone derivatives: Synthesis, crystal structure determination, antimicrobial activity evaluation and molecular docking studies. Journal of Molecular Structure, 2021, 1242, 130674.	1.8	6
15	New thiosemicarbazone-based Zinc(II) complexes. In vitro cytotoxicity competing with cisplatin on malignant melanoma A375 cells and its relation to neuraminidase inhibition. Chemico-Biological Interactions, 2022, 351, 109757.	1.7	5
16	Four and six-coordinated cobalt complexes based on thiosemicarbazone. Formation, experimental and theoretical characterization. Journal of Molecular Structure, 2022, 1250, 131783.	1.8	3
17	Synthesis of the nickel(II) complexes bearing tetradentate thiosemicarbazone through Michael addition of n-alcohols. Experimental, theoretical characterization and antioxidant properties. Structural Chemistry, 2022, 33, 1007-1017.	1.0	2
18	New oxovanadium(IV) complexes overcame drug resistance and increased in vitro cytotoxicity by an apoptotic pathway in breast cancer cells. Chemico-Biological Interactions, 2022, 363, 109997.	1.7	2