

Ahmed M El-Hendawy

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	New mixed ligand copper(II) hydrazone-based complexes: Synthesis, characterization, crystal structure, DNA/RNA/BSA binding, in vitro anticancer, apoptotic activity, and cell cycle analysis. Applied Organometallic Chemistry, 2022, 36, e6481.	3.5	16
2	Synthesis, characterization, DNA binding/cleavage, cytotoxic, apoptotic, and antibacterial activities of V(IV), Mo(VI), and Ru(II) complexes containing a bioactive ONS-donor chelating agent. Applied Organometallic Chemistry, 2021, 35, e6082.	3.5	8
3	Synthesis, characterization of ruthenium(II), nickel(II), palladium(II), and platinum(II) triphenylphosphine-based complexes bearing an ONS-donor chelating agent: Interaction with biomolecules, antioxidant, in vitro cytotoxic, apoptotic activity and cell cycle analysis. Journal of Inorganic Biochemistry, 2021, 223, 111549.	3.5	44
4	Oxovanadium(IV) and ruthenium(II) carbonyl complexes of ONS-donor ligands derived from dehydroacetic acid and dithiocarbazate: Synthesis, characterization, antioxidant activity, DNA binding and <i>in vitro</i> cytotoxicity. Applied Organometallic Chemistry, 2019, 33, e4655.	3.5	26
5	New transition metal complexes of 2,4-dihydroxybenzaldehyde benzoylhydrazone Schiff base (H2dhbh): Synthesis, spectroscopic characterization, DNA binding/cleavage and antioxidant activity. Journal of Molecular Structure, 2018, 1158, 39-50.	3.6	54
6	Synthesis, structural characterization and antioxidant activity of some vanadium(IV), Mo(VI)/(IV) and Ru(II) complexes of pyridoxal Schiff base derivatives. Journal of Molecular Structure, 2017, 1144, 120-128.	3.6	47
7	Unusual Seven Coordination of Oxovanadium(V) Oximate Complex: Synthesis and X-Ray Crystal Structure. ISRN Inorganic Chemistry, 2014, 2014, 1-4.	0.2	2
8	Complexes of cis-dioxomolybdenum(VI) and oxovanadium(IV) with a tridentate ONS donor ligand: Synthesis, spectroscopic properties, X-ray crystal structure and catalytic activity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 129, 293-302.	3.9	29
9	New complexes of 2-hydroxy-1-naphthoic acid and X-ray crystal structure of [Pt(hna)(PPh3)2]. Journal of Molecular Structure, 2013, 1036, 196-202.	3.6	24
10	Complexes of a diacetylmonoxime Schiff base of S-methyldithiocarbazate (H2damsm) with Fe(III), Ru(III)/Ru(II), and V(IV); catalytic activity and X-ray crystal structure of [Fe(Hdamsm)2]NO3·H2O. Transition Metal Chemistry, 2011, 36, 351-361.	1.4	17
11	Osmium(II) bipyridine (bpy) complexes containing O,O-donor ligands and X-ray crystal structure of the acetylacetonato(acac) complex [Os(bpy)2(acac)](PF6). Journal of Molecular Structure, 2011, 995, 97-102.	3.6	5
12	Transition metal complexes of 2-formylpyridinethiosemicarbazone (HFpyTSC) and X-ray crystal structures of [Pd(FpyTSC)(PPh3)]PF6 and [Pd(FpyTSC)(SCN)]. Inorganica Chimica Acta, 2010, 363, 2526-2532.	2.4	20
13	Antineoplastic Activity of New Transition Metal Complexes of 6-Methylpyridine-2-carbaldehyde-N(4)-ethylthiosemicarbazone: X-Ray Crystal Structures of [VO(L)(PPh3)2]PF6 and [Pt(mpETSC)Cl]. Bioinorganic Chemistry and Applications, 2010, 2010, 1-11.	4.1	18
14	Title is missing!. Transition Metal Chemistry, 2000, 25, 572-578.	1.4	19
15	Ruthenium(II) Complexes of O,N-donor Schiff base ligands and their use as catalytic organic oxidants. Polyhedron, 1993, 12, 2343-2350.	2.2	85
16	Schiff base complexes of ruthenium(III), molybdenum(VI) and uranium(VI), and use of the former as catalytic organic oxidants. Polyhedron, 1992, 11, 523-530.	2.2	56
17	Ruthenium(II) and ruthenium(III) complexes derived from O,O-donor ligands. Transition Metal Chemistry, 1992, 17, 250-255.	1.4	22
18	Osmium(III) o-semiquinonato complexes and their use as catalysts for the oxidation of alcohols. Inorganica Chimica Acta, 1991, 179, 223-228.	2.4	20

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19	Complexes of ruthenium(II) and (III) derived from O,N-donor ligands, and their efficiency as catalytic oxidants for alcohols. <i>Polyhedron</i> , 1991, 10, 2137-2143.	2.2	18
20	Complexes of lawsone with uranium, molybdenum, ruthenium and osmium, and their use as organic oxidants. <i>Polyhedron</i> , 1991, 10, 2511-2518.	2.2	31
21	Halodioxoruthenate(VI) complexes as catalysts for the oxidation of alcohols. <i>Polyhedron</i> , 1990, 9, 1751-1756.	2.2	21
22	Complexes of osmium(III) derived from O,O-donor ligands. <i>Polyhedron</i> , 1990, 9, 2309-2314.	2.2	22
23	Studies on transition-metal oxo and nitrido complexes. Part 11. New oxo complexes of ruthenium as aerobically assisted oxidants, and the X-ray crystal structure of $[\text{Ru}_2\text{O}_6(\text{py})_4] \cdot 3.5\text{H}_2\text{O}$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 737-742.	1.1	32
24	Complexes of ruthenium(III) derived from O,O-donor ligands. <i>Polyhedron</i> , 1989, 8, 2813-2816.	2.2	43
25	Tetraphenylphosphonium perosmate(VII) as an oxidant: comparison of $[\text{OsO}_4]^-$ with $[\text{RuO}_4]^-$. <i>Transition Metal Chemistry</i> , 1989, 14, 230-232.	1.4	16
26	Complexes of naphthalene-2,3-diol (H ₂ ND) with group VI and group VIII metals, and the X-ray crystal structure of $\text{cis}-(\text{NH}_4)_2[\text{Mo}_2\text{O}_5(\text{ND})_2] \cdot 2\text{H}_2\text{O}$. <i>Polyhedron</i> , 1989, 8, 519-525.	2.2	30
27	Complexes of pyrogallol with molybdenum, tungsten, osmium, palladium and platinum. <i>Inorganica Chimica Acta</i> , 1989, 160, 67-70.	2.4	11
28	Studies on transition-metal oxo and nitrido complexes. Part 10. New oxo-ruthenium and oxo-osmium pyridine complexes, and use of the former as catalysts for oxidation of alcohols. <i>Journal of the Chemical Society Dalton Transactions</i> , 1989, , 901-906.	1.1	37
29	Complexes of osmium, uranium, molybdenum, and tungsten with the catechol amines adrenaline, noradrenaline, dopamine, dopa, and isoproterenol. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 1817.	1.1	27
30	Studies on transition-metal oxo and nitrido complexes. Part 9. Periodato and tellurato oxo-ruthenium complexes as organic oxidants. X-Ray crystal structure of $\text{trans-Na}_5[\text{RuO}_2(\text{HIO}_6)_2] \cdot 8\text{H}_2\text{O}$. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 1983-1988.	1.1	31