

Ahmed M El-Hendawy

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Ruthenium(II) Complexes of O,N-donor Schiff base ligands and their use as catalytic organic oxidants. <i>Polyhedron</i> , 1993, 12, 2343-2350.	2.2	85
2	Schiff base complexes of ruthenium(III), molybdenum(VI) and uranium(VI), and use of the former as catalytic organic oxidants. <i>Polyhedron</i> , 1992, 11, 523-530.	2.2	56
3	New transition metal complexes of 2,4-dihydroxybenzaldehyde benzoylhydrazone Schiff base (H2dhbh): Synthesis, spectroscopic characterization, DNA binding/cleavage and antioxidant activity. <i>Journal of Molecular Structure</i> , 2018, 1158, 39-50.	3.6	54
4	Synthesis, structural characterization and antioxidant activity of some vanadium(IV), Mo(VI)/(IV) and Ru(II) complexes of pyridoxal Schiff base derivatives. <i>Journal of Molecular Structure</i> , 2017, 1144, 120-128.	3.6	47
5	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. <i>Journal of Inorganic Biochemistry</i> , 2021, 223, 111549.	3.5	44
6	Complexes of ruthenium(III) derived from O,O-donor ligands. <i>Polyhedron</i> , 1989, 8, 2813-2816.	2.2	43
7	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
8	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 [Ru2O6(py)4]·3.5H2O. <i>Journal of the Chemical Society Dalton Transactions</i> , 1990, , 737-742.	1.1	32
9	Studies on transition-metal oxo and nitrido complexes. Part 9. Periodato and tellurato oxo-ruthenium complexes as organic oxidants. X-Ray crystal structure of trans-NaK5[RuO2(HIO6)2]·8H2O. <i>Journal of the Chemical Society Dalton Transactions</i> , 1988, , 1983-1988.	1.1	31
10	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
11	Complexes of naphthalene-2,3-diol (H2ND) with group VI and group VIII metals, and the X-ray crystal structure of cis-(NH4)2[Mo2O5(ND)2]·2H2O. <i>Polyhedron</i> , 1989, 8, 519-525.	2.2	30
12	Complexes of cis-dioxomolybdenum(VI) and oxovanadium(IV) with a tridentate ONS donor ligand: Synthesis, spectroscopic properties, X-ray crystal structure and catalytic activity. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 129, 293-302.	3.9	29
13	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
14	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. <i>Applied Organometallic Chemistry</i> , 2019, 33, e4655.	3.5	26
15	New complexes of 2-hydroxy-1-naphthoic acid and X-ray crystal structure of [Pt(hna)(PPh3)2]. <i>Journal of Molecular Structure</i> , 2013, 1036, 196-202.	3.6	24
16	Complexes of osmium(III) derived from O,O-donor ligands. <i>Polyhedron</i> , 1990, 9, 2309-2314.	2.2	22
17	Ruthenium(II) and ruthenium(III) complexes derived from O,O-donor ligands. <i>Transition Metal Chemistry</i> , 1992, 17, 250-255.	1.4	22
18	Halodioxoruthenate(VI) complexes as catalysts for the oxidation of alcohols. <i>Polyhedron</i> , 1990, 9, 1751-1756.	2.2	21

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19	Osmium(III) o-semiquinonato complexes and their use as catalysts for the oxidation of alcohols. <i>Inorganica Chimica Acta</i> , 1991, 179, 223-228.	2.4	20
20	Transition metal complexes of 2-formylpyridinethiosemicarbazone (HFpyTSC) and X-ray crystal structures of [Pd(FpyTSC)(PPh ₃)]PF ₆ and [Pd(FpyTSC)(SCN)]. <i>Inorganica Chimica Acta</i> , 2010, 363, 2526-2532.	2.4	20
21	Title is missing!. <i>Transition Metal Chemistry</i> , 2000, 25, 572-578.	1.4	19
22	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
23	Antineoplastic Activity of New Transition Metal Complexes of 6-Methylpyridine-2-carbaldehyde-N(4)-ethylthiosemicarbazone: X-Ray Crystal Structures of [<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" > <mml:mtext > VO </mml:mtext > <mml:mtext > 2 </mml:mtext > </mml:math> and [Pt(mpFTSC)Cl]. <i>Bioinorganic Chemistry and Applications</i> , 2010, 2010, 1-11.	4.1	18
24	Complexes of a diacetylmonoxime Schiff base of S-methyldithiocarbazate (H ₂ damsm) with Fe(III), Ru(III)/Ru(II), and V(IV); catalytic activity and X-ray crystal structure of [Fe(H ₂ damsm) ₂]NO ₃ ·H ₂ O. <i>Transition Metal Chemistry</i> , 2011, 36, 351-361.	1.4	17
25	Tetraphenylphosphonium perosmate(VII) as an oxidant: comparison of [OsO ₄]? with [RuO ₄]? <i>Transition Metal Chemistry</i> , 1989, 14, 230-232.	1.4	16
26	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. <i>Applied Organometallic Chemistry</i> , 2022, 36, e6481.	3.5	16
27	Complexes of pyrogallol with molybdenum, tungsten, osmium, palladium and platinum. <i>Inorganica Chimica Acta</i> , 1989, 160, 67-70.	2.4	11
28	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. <i>Applied Organometallic Chemistry</i> , 2021, 35, e6082.	3.5	8
29	Osmium(II) bipyridine (bpy) complexes containing O,O-donor ligands and X-ray crystal structure of the acetylacetonato(acac) complex [Os(bpy) ₂ (acac)](PF ₆). <i>Journal of Molecular Structure</i> , 2011, 995, 97-102.	3.6	5
30	Unusual Seven Coordination of Oxovanadium(V) Oximato Complex: Synthesis and X-Ray Crystal Structure. <i>ISRN Inorganic Chemistry</i> , 2014, 2014, 1-4.	0.2	2