

# Mohammed M El-Gamil

## List of Publications by Year in descending order

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16  
papers

255  
citations

1039406

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940134

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docs citations

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times ranked

262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spectroscopic and theoretical studies on Cr (III), Mn (II) and Cu (II) complexes of hydrazone derived from picolinic hydrazide and Vanillin and evaluation of biological potency. Applied Organometallic Chemistry, 2020, 34, e5408.	1.7	34
2	Structural, thermogravimetric, B3LYP and biological studies on some heterocyclic thiosemicarbazide copper (II) complexes and evaluation of their molecular docking. Journal of Molecular Structure, 2018, 1151, 56-72.	1.8	29
3	Structural, spectral, pH-metric and biological studies on mercury (II), cadmium (II) and binuclear zinc (II) complexes of NS donor thiosemicarbazide ligand. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 123, 59-70.	2.0	23
4	Binuclear copper(II), cobalt(II) and Nickel(II) complexes of N1-ethyl-N2-(pyridin-2-yl) hydrazine-1,2-bis(carbothioamide): Structural, spectral, pH-metric and biological studies. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 96, 444-455.	2.0	22
5	Synthesis, spectroscopic characterization and biological evaluation of a novel chemosensor with different metal ions. Applied Organometallic Chemistry, 2019, 33, e5133.	1.7	21
6	Structural, DFT/B3LYP and molecular docking studies of binuclear thiosemicarbazide Copper (II) complexes and their biological investigations. Applied Organometallic Chemistry, 2020, 34, e5800.	1.7	20
7	Structural, spectral, DFT, pH-metric and biological studies on Cr(III), Mn(II) and Fe(III) complexes of dithione heterocyclic thiosemicarbazide ligand. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2013, 104, 383-393.	2.0	17
8	Iron(III), copper(II), cadmium(II), and mercury(II) complexes of isatin carbohydrazone Schiff base ligand (H <sub>3</sub> L): Synthesis, characterization, X-ray diffraction, cyclic voltammetry, fluorescence, density functional theory, biological activity, and molecular docking studies. Applied Organometallic Chemistry, 2021, 35, e6250.	1.7	17
9	Synthesis, Structural characterization, thermal, molecular modeling and biological studies of chalcone and Cr(III), Mn(II), Cu(II) Zn(II) and Cd(II) chelates. Journal of Molecular Structure, 2020, 1221, 128742.	1.8	13
10	Synthesis, characterization, computational, conductometric titration and DNA binding studies of N <sup>1</sup> ,N <sup>2</sup> -bis(3-hydroxy-5-dimethylcyclohex-2-en-1-ylidene)oxalohydrazide complexes. Journal of Molecular Liquids, 2019, 288, 111030.	1.8	12
11	<i>Lycium schweinfurthii</i> : new secondary metabolites and their cytotoxic activities. Natural Product Research, 2022, 36, 5134-5141.	1.0	10
12	Synthesis and Characterization of Some Complexes Derived from Isatin Dye Ligand and Study of their Biological Potency and Anticorrosive Behavior on Aluminum Metal in Acidic Medium. Journal of Inorganic and Organometallic Polymers and Materials, 2022, 32, 895-911.	1.9	10
13	Spectroscopic and theoretical studies on some carbohydrazone complexes and evaluation of their biological potency, catalytic, and ionophore activities. Journal of Molecular Structure, 2021, 1245, 131110.	1.8	9
14	Synthesis, characterization, and multifunctional applications of novel metal complexes based on thiazolylazo dye. Applied Organometallic Chemistry, 2022, 36, .	1.7	8
15	Spectroscopic investigation, DFT, fluorescence, molecular docking and biological studies of divalent and trivalent binuclear complexes prepared from benzoyl thiosemicarbazide derivative of 2-benzylmalonohydrazide. Applied Organometallic Chemistry, 2019, 33, e4871.	1.7	6
16	Multi-sensing response, molecular docking, and anticancer activity of donor-acceptor chalcone containing phenanthrene and thiophene moieties. Journal of Molecular Structure, 2021, 1240, 130581.	1.8	5