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List of Publication:

- 1/ Novel Schiff base ligand and its metal complexes with some transition elements. Synthesis, spectroscopic, thermal analysis, antimicrobial and in vitro anticancer activity Walaa H. Mahmoud, Reem G. Deghadi and Gehad G. Mohamed Applied Organometallic Chemistry, Volume 30, Issue 4, pages 221–230, 2016.
- 2/ Preparation, geometric structure, molecular docking thermal and spectroscopic characterization of novel Schiff base ligand and its metal chelates, Walaa H. Mahmoud, Reem G. Deghadi, and Gehad G. Mohamed, J. Therm. Anal. Calorim. vol. 127, issue 3, pp. 2149–2171, 2017.
- 3/ Spectroscopic and thermal characterization of biologically and anticancer active novel Schiff base metal complexes, Walaa H. Mahmoud, Reem G. Deghadi and Gehad G. Mohamed. Res. Chem. Intermed. vol. 42, issue 12, pp. 7869–7907, 2016.
- 4/ Metal complexes of novel Schiff base derived from iron sandwiched organometallic and 4-nitro-1,2-phenylenediamine: Synthesis, characterization, DFT studies, antimicrobial activities and molecular docking, Walaa H. Mahmoud, Reem G. Deghadi and Gehad G. Mohamed, Applied Organometallic Chemistry 32(4), 2018.
- 5/ Transition metal complexes of nano bidentate organometallic Schiff base: Preparation, structure characterization, biological activity, DFT and molecular docking studies, Walaa H. Mahmoud, Reem G. Deghadi, Maher M.I. El Desssouky and Gehad G. Mohamed, Applied Organometallic Chemistry, Volume33, Issue1, 2019.