EUROPEAN FORMAT FOR CURRICULUM VITAE

Name, Surname	**Amira Ahmed Mohamed Mohamed**
E-mail	amira222283@yahoo.com;
Institutional E-mail	aa.adaim@science.zu.edu.eg
Cellular	+2 01147736333
Date of Birth	05.07.1988
Address	9 Bab El-salam street- in front of Mansoura station- Zagazig-Sharqia
ORCID number	**ORCID 0000-0001-7436-4382**
Research gate account	https://www.researchgate.net/profile/Amira-Ahmed
Google scholar account:	https://scholar.google.com/citations?user=bhw2DJoAAAAJ&hl=en&oi=ao

Education

✓ Ph.D., (Inorganic Chemistry), **2019**, Chemistry Department, Faculty of Science, University of Zagazig, "Ligational and biological studies on some metal complexes for a mixture of ligands containing nitrogen and oxygen atoms".

✓ M.Sc., (Inorganic Chemistry), **2015**, Chemistry Department, Faculty of Science, University of Zagazig, "Synthesis, Preparation and characterization of some new complexes of pyridine -3- carbonitrile derivatives and studying their biological activity".

✓ General Diploma in Education, **2011**, Faculty of Education, Zagazig university.

✓ B.Sc., (Chemistry and botany), **2009**, Faculty of Science, Zagazig University.

Work Experience

1-Assistant Lecturer of chemistry, Department of Basic Sciences, Zagazig Higher Institute of Engineering and Technology for four years (2015-2019).

2-Now: Lecturer of chemistry, Department of Basic Sciences, Zagazig Higher Institute of Engineering and Technology Zagazig- Egypt.

Peer-reviewed revision

1- Reviewer at **Journal of the Chemistry** since 2021

2- Reviewer at **Chemistry& Biodiversity** since 2021

3- Reviewer at **Structural chemistry** since 2023

Main Topics / Professional Skills Possessed / Research Interests

1. Inorganic Chemistry (Transition inorganic compounds, organometallic compounds Solid state compounds, Industrial inorganic compounds).
2. Coordination Chemistry (atoms, ions, molecules that donate electron to the metal center).
3. Thermogravimetric Analysis (TGA, DTA, DSC and DTG).
4. Spectroscopic Analysis (FT-IR, ^{1}HNMR, Mass spectroscopy, UV-Visible, Molar conductance, melting points, magnetic susceptibility.

Languages

Arabic: native.

English: fluent.

Courses	1- How to Write and Publish a Scientific Paper (Project-Centered Course): École Polytechnique and offered from Coursera. 2- Introduction to Chemistry: Structures and Solutions: Duke University and offered from Coursera. 3- Introduction to Chemistry: Reactions and Ratios: Duke University and offered from Coursera. 4- ICDL International Computer Driving Licenses and Spss computer course 5- Introduction to Molecular Spectroscopy: University of Manchester and offered from Coursera. 6- Experimentation for Improvement: McMaster University and offered from Coursera. 7- Understanding Research Methods: University of London, Coursera. 8- English for Science, Technology, Engineering, and Mathematics: University of Pennsylvania, Coursera. 9- Teaching in University Science Laboratories (Developing Best Practice): University of Amsterdam, Coursera. 10- Academic Information Seeking: University of Copenhagen and Technical University of Denmark (DTU), Coursera.
Workshops: **Nature and Elsevier**	• Effective Post-submission Strategies: Nature Research Academies workshop. • Clinical Research Methodology: Nature Research Academies workshop. • Successful Pre-submission Strategies: Nature Research Academies workshop. • Logical Manuscript Structure: Nature Research Academies workshop. • Effective Academic Writing: Nature Research Academies workshop. • Tips & advice for preparation of your paper manuscript at Egyptian Knowledge Bank, and Elsevier core research on Monday 15 March, 2021. • Writing without Plagiarism and Proper Citations using Mendeley (3-hour) at University of Lagos and Elsevier core research on Tuesday 28 July, 2020. • Tips & advice for increasing your published paper visibility [75 minutes] at The Egyptian Knowledge Bank and Elsevier core research, on Tuesday 15 June, 2021. • How to stay updated about research related to your topic? - Scopus & Science-Direct [75 min] at Egyptian Knowledge Bank and Elsevier core research, on Tuesday 09 March, 2021. • Discover your impact: H-Index & Author Metrics on Scopus -Short Session [75 min] at Egyptian Knowledge Bank, on Tuesday 01 June, 2021.
Co-advisor of Master's or Doctoral Degree Thesis	1- MSc thesis: "Spectroscopic, thermal and antimicrobial studies on some metal complexes with mixed ligands containing oxygen and nitrogen, atoms", 2017, University of Zagazig. 2- Phd thesis: "Study the physical, chemical and biological properties of some new Schiff base complexes", 2020, University of Zagazig 3- MSc thesis: Spectroscopic, structural studies and microbial evaluation for some metal complexes of some mixed ligands containing NO atoms", 2020, University of Zagazig 4- MSc thesis: "Spectroscopic, structural and biological studies on some new complexes of NO chelating ligands", 2020, University of Zagazig

Certificates	1- Willey Top Cited Article 2021-2022 CHEMISTRY & BIODIVERSITY Biochemical Characterization, Phytotoxic Effect andAntimicrobial Activity against Some Phytopathogens of New Gemifloxacin Schiff Base Metal Complexes 2- Metal Complexes for Biomedical Applications (MCBA2022) Virtual Symposium Ocotober 24th, 2022n12:00-16:00 Central European Time 3- Top Downloaded Article2021-2022 Biochemical Characterization, Phytotoxic Effect and Antimicrobial Activity against Some Phytopathogens of New Gemifloxacin Schiff Base Metal Complexes

Full articles

[1] Sadeek A. Sadeek, **Amira A. Mohamed**, Hassan. A. El-Sayed, Mohamed. S. El-Attar, Spectroscopic, characterization, thermo gravimetric and antimicrobial studies of some new metal complexes derived from4-(4-Isopropyl phenyl)-2-oxo-6-phenyl 1,2-dihyropyridine-3-carbonitrile (L). App. Organomet. Chem. 2020; 34:e5334.

[2] **Amira A. Mohamed**, Sadeek A. Sadeek, Sherif M. Abd El-Hamid, Wael A. Zordok, Hanem M. Awad, Mixed-ligand complexes of tenoxicam drug with some transition metal ions in presence of 2,2'-bipyridine: Synthesis, spectroscopic characterization, thermal analysis, density functional theory and in vitro cytotoxic activity. J. Mol. Struct. 1197 (2019) 628-644.

[3] Sadeek A. Sadeek, Sherif M. Abd El-Hamid, **Amira A. Mohamed**, Wael A. Zordok, Hassan A. El-Sayed, Spectroscopic characterization, thermogravimetry, density functional theory and biological studies of some mixed-ligand complexes of meloxicam and 2,2'-bipyridine with some transition metals. App. Organomet. Chem. 33 (2019) e4889.

[4] Hazem S. Elshafie, Sadeek A Sadeek, Ippolito Camele, Hanem M. Awad, **Amira A. Mohamed**, Biological and Spectroscopic Investigations of New Tenoxicam and 1.10-Phenthroline Metal Complexes. Molecules 2020, 25, 1027; doi:10.3390/molecules25051027.

[5] Hazem S. Elshafie, Sadeek A Sadeek, Wael A. Zordok, **Amira A. Mohamed**, Meloxicam and Study of Their Antimicrobial Effects Against Phyto- and Human Pathogens. Molecules 2021, 26, 1480;https://doi.org/10.3390/molecules26051480

[6] **Amira A. Mohamed**, Sadeek A. Sadeek, Ligational and biological studies of Fe(III), Co(II), Ni(II), Cu(II) and Zr(IV) complexes with carbamazepine as antiepileptic drug. App. Organomet. Chem. 2021;35 e6178.

[7] **Amira A. Mohamed**, Hazem S. Elshafie, Sadeek A Sadeek, Ippolito Camele, Biochemical characterization, phytotoxic effect and antimicrobial activity against somephytopathogens of new gemifloxacin Schiff base metal complexes, Chemistry&Biodiversity 2021, 18, e2100365. https://doi.org/10.1002/cbdv.202100365.

[8] Sadeek A. Sadeek, **Amira A. Mohamed**, Wael A. Zordok, Hanem M. Awad, Sherif M. Abd El-Hamid, Spectroscopic characterization, thermogravimetric, DFT and biological studies of some transition metals complexes with mixed ligands of meloxicam and 1,10 phenanthroline, Egypt. J. Chem, 64, No. 8 pp. 4197 - 4208 (2021).

[9] **Amira. A. Mohamed**, B. H. Asgharb, A. H. Moustafa, H. A. El-Sayed, D. El-Sayed, K. A. Asla, and A. S. A. Mohamed, Synthesis, Structural Characterization, Thermogravimetric, and Molecular Modelling ofNovel Mn(II), Co(II), and Ni(II) Metal Complexes Derived from New Synthesized 4,6-Diaryl-2-oxonicotinonitrile Ligand, Russ. J. Gen. Chem., 2021, Vol. 91, No. 12, pp. 2564–2580.

[10] **Amira A. Mohamed**, Fatma M. Ahmed, Wael A. Zordok, Walaa H. El-Shwiniy, Sadeek A. Sadeek, and Hazem S. Elshafie, Novel Enrofloxacin Schiff Base Metal Complexes: Synthesis, Spectroscopic

Characterization, Computational Simulation and Antimicrobial Investigation against Some Food and Phyto-Pathogens. Inorganics 2022, 10, 177. https://doi.org/10.3390/inorganics10110177.

[11] Hazem S. Elshafie, Ippolito Camele, **Amira A. Mohamed**, A Comprehensive Review on the Biological, Agricultural and Pharmaceutical Properties of Secondary Metabolites Based-Plant Origin. Int. J. Mol. Sci. 2023, 24(4), 3266. https://doi.org/10.3390/ijms24043266.

[12] Hazem S. Elshafie, Ippolito Camele, Sadeek A. Sadeek**, Amira A. Mohamed**, Biochemical Characterization of New Gemifloxacin Schiff Base (GMFX-o-phdn) Metal Complexes and Evaluation of Their Antimicrobial Activity against Some Phyto- or Human Pathogens. Int. J. Mol. Sci. 2022, 23(4), 2110; https://doi.org/10.3390/ijms23042110.

[13] **Amira A. Mohamed**, Abeer A. Nassr, Sadeek A. Sadeek and Hazem S. Elshafie, Synthesis, spectral, thermal and antimicrobial investigation of mixed ligand metal complexes of N-salicylidene aniline and 1,10-phenanthroline, Compounds 2023, 3, 298–309. https://doi.org/10.3390/compounds3010022

[14] **Amira A. Mohamed**, Abeer A. Nassr, Sadeek A. Sadeek, Nihad G. Rashid and Sherif M. Abd El-Hamid, First report on some NO-donor sets bidentate Schiff base and its metal complexes: Characterization and antimicrobial investigation Compounds 2023, 3,376-389.

Proceedings of International Conferences

1. Attending the fourteenth Inter. Environmental conf., Faculty of science, Zagazig University and presenting an oral presentation.
2. International Diamond Open Access Journal Conference (Online).

	Scopus Profile
Documents:	**14**
Citation:	**129**
RI Score	**93.0**
h-index:	**9**