

Hana Bashir Shawish- Curriculum Vitae

Personal Details

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Career History

May 2021- present

Associate Professor of inorganic chemistry

Department of Chemistry, Faculty of Science, University of Misurata, Misurata, Libya

May 2017 – Apr 2021

Assistant Professor of inorganic chemistry

Department of Chemistry, Faculty of Science, University of Misurata, Misurata, Libya

May 2014- Apr 2017

Lecturer of inorganic chemistry

Department of Chemistry, Faculty of Science, University of Misurata, Misurata, Libya

Oct 2009 – Feb2014

Doctor of Philosophy

Supervisor: Prof Dato Dr. Mohd Jamil Maah, University of Malaya , Kuala Lumpur, Malaysia

Jan 2005 – Aug 2008

Assistant Lecturer of inorganic chemistry

Department of Chemistry, Faculty of Science, University of Misurata, Misurata, Libya

Feb 2001 – Sep 2004

M.Sc in Chemistry

7th October University , Department of Chemistry, Faculty of Science, Misurata, Libya

Technician of chemistry Laboratory
7th october University , Department of Chemistry, Faculty of Science, Misurata, Libya

Publications

1. Shawish, H. B, Maah, M. J., & Ng, S. W. (2010). (6-Hydroxy-2-{{2-(N-methylcarbamothiolyl)hydrazin-1-ylidene-k2N1,S]-methyl}phenolato-kO1)(triphenyl-phosphane-kP)nickel(II) chloride. *Acta Cryst.* E66, m1366.

2. Shawish, H. B., Tan, K. W., Maah, M. J., & Ng, S. W. (2010). {2-[(2-Carbamothiolylhydrazin-1-yl-idene- κ N,S)meth-yl]-6-hydroxy-phenolato- κ O}(triphenyl-phosphine- κ P)nickel(II) chloride. *Acta Cryst.* E66, m1074.
3. Shawish, H. B., Maah, M. J., & Ng, S. W. (2010). 1-(2, 3, 4-Trihydroxybenzylidene)thiosemicarbazide. *Acta Cryst.* E66 (6), o1278.
4. Shawish, H. B., Maah, M. J., & Ng, S. W. (2010). 1-(2, 3, 4-Trihydroxybenzylidene)-4-ethylthiosemicarbazide. *Acta Cryst.* E66 (5), o1151.
5. Shawish, H. B., Tan, K.W., Maah, M. J., & Ng, S. W. (2010). (E)-1-(2, 4, 6-Trihydroxybenzylidene)-4-ethylthiosemicarbazide dihydrate. *Acta Cryst.* E66 (9), o2230.
6. Shawish, H. B., Maah, M. J., & Halim, S. N. A. (2012). Synthesis and characterization of mixed nickel thiosemicarbazone complexes, *Malaysian Journal of Fundamental & Applied Science*, 8, 166 -170.
7. Shawish, H. B., Paydar, M., Chung Y. L., Yi, L.W., Movahed, E., Halim, S. N. A., Won, F. W., Mustafa, M. R., & Maah, M. J. (2013). Nickel(II) complexes of polyhydroxybenzaldehyde N4-thiosemicarbazones: Synthesis, Structural characterization and antimicrobial activities. *Transition Met. Chem.* 39, 81-94.
8. Shawish, H. B., Wan, Y. W., Yi, L. W., Sheng, W. L., Chung Y. L., Hassandarvish, P., Phan, A. L., Won, F. W., Wang, H., Paterson, I. C., Ea, C. K., Mustafa, M. R., & Maah, M. J. (2014). Nickel(II) complex of polyhydroxybenzaldehyde N4-thiosemicarbazone exhibits anti-inflammatory activity by inhibiting NF-KB transactivation. *PlosOne.*, 9, e100933.
9. Ashoor, S. El-t. & Shawish, H. B., (2015). Synthesis, X-Ray Crystallography and DFT Studies of Ni(II) Complex with Tetradentate. *Physics and Materials Chemistry*, 3, 7-11.
10. Shawish, H. B., Maah, M. J., Halim, S. N. A., & Shaker, S. A. (2016). Synthesis, Characterization and Structural of binuclear Nickel(II) complexes with polyhydroxybenzaldehyde thiosemicarbazone, bridged by 1,2- bis(diphenylphosphino)ethane. *Arabian J. Chem.*, 9, S1935- S1942.
11. Shawish, H.B & Abajja, S.A. (2017). Conductometric study of the thermodynamics complexation of Mn(II), Co(II) and Ni(II) metal ions with schiff base ligand in acetonitrile solution. *Journal of Science, Misurata University*, 6, 9-13.
12. Shawish, H.B., Abajja, S.A & Almela, E.B.M. (2018). A Thermodynamic Study on the Complex Formation Between N,N'-bis(salicylidene)-1,2-ethylenediamine (salen) with Ni⁺² Cation in Water–Acetonitrile Binary Solutions Using the Conductometric Method. *Special Issue for the 2nd Annual Conference on Theories and Applications of Basic and Biosciences*, pp 653-661.

13. Elsherif, K.M., Zubi, A., Shawish, H.B., Almela, E.B.M., & Abajja, S.A. (2019). UV-VIS Absorption Spectral Studies of N, N'-Bis(salicylidene)ethylenediamine (Salen) in Different Solvents. *Iraqi Journal of Science*, 60, 204-210.

14. Elsherif, K.M., Zubi, A., Shawish, H.B., Abajja, S.A., Almela, E.B. (2020). Complex Formation of Bis (salicylidene) ethylenediamine (Salen type ligand) with Cupper (II) Ions in Different Solvents: Spectrophotometric and Conductometric Study. *J. New. Chem.*, Vol. 7, Issue 1, pp. 1-13.

15- Gasibat, M.S., Almela, E.B., Shawish, H.B. (2020). Synthesis, Characterization and antibacterial Activity of Copper(II) Mixed Ligand Complexes with Salen Type Ligands and Dithiocarbamates. *Der Pharma Chemica*, 12(1), 15-21.

16. Elsherif, K.M., Zubi, A., Shawish, H.B., Abajja, S.A., Almela, E.B. (2020). Spectrophotometric and Conductometric Study of Formation Constant and Stoichiometry of Co(II)-Salen Type Ligand Complex. *Arabian Journal of Chemical and Environmental Research*, 7(2), 144–157.

17. مبروكة مفتاح السريتي، عبد الفتاح محمد الخراز، هناء بشير الشاوش وأحمد امحمد زوبي (2020). استخلاص أيون النيكل الثنائي من محاليله المائية بواسطة المرتبطة (2-Pyridyl-3-benzoyl-2-Thiourea)، 10، 23-28.

18. إيمان بشير الملح، هناء بشير الشاوش، عبد الفتاح محمد الخراز، أحمد إمام زوبي، سليمة عبد الله عجة (2021). تحضير ودراسة حركية تفاعل تكوين معقد النحاس (II) مع الليكاند N, N'-bis(salicylidene)-1,2-ethylenediamine، 11، 38-45.

Conferences Attendance

1 – Regional Annual Fundamental Science Symposium (RAFSS), Johor Bahru, Malaysia, 2011

2 – Malaysian Chemical Congress (17MCC), Kuala Lumpur, Malaysia, 2012

Postgraduate Research Supervision:

1- “Synthesis and Spectral Characterization of Copper, Cobalt and Cadmium complexes with N-(4-nitrophenyl)-N'-benzpylthiourea and study of their Biological Activity” Ongoing MSc thesis.

2- " Synthesis and Characterization of Schiff Base complexes of 2-aminobenzoic acid and study Some of Their Biological Activities" Completed MSc thesis.

3- " Synthesis and Characterization of Schiff Base Mixed Complexes with NN and SS Donor Ligands and Study of Their Antimicrobial Activities" Ongoing MSc thesis.

4- " Synthesis of Palladium(II) Schiff base complexes and Evaluation of Their Activities as Hsp90 Inhibitors Using Molecular Docking " Completed MSc thesis.

