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## Aisha A. Al-abbasi, PhD

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### Education

*Mar 2009 – Mar 2013* **National University of Malaysia**  
Doctor of Philosophy, Chemistry  
Putrajaya, Malaysia

*Nov 2002 – Jul 2006* **Sabha University**  
M.Sc, Chemistry  
Sabhā, Libya

*Mar 1996 – Jul 1999* **Sabha University**  
BSc. (hons), Chemistry  
Sabhā, Libya

### Thesis

### Research Experience

*Mar 2017 – Sep 2019* **Head of Chemistry Department**  
Sebha University, Chemistry Department  
Sabha, Sabha, Libya

*Apr 2009 – Sep 2013* **PhD Student**  
National University of Malaysia, Faculty of Science and Technology  
Kuala Lumpur, Malaysia

*Mar 2002 – present* **Lecturer**  
Sabha University, Faculty of Science / Chemistry Department  
Sabhā, Libya

### Statistics

*RG Score* 9.73

*Publications* 30

*Reads* 828

*Citations* 49

## Awards & Grants

Sep 2012 Award: ICC40 BEST POSTER AWARDS (Valencia (Spain) )

## Skills & Activities

*Skills* X-ray Crystallography, Inorganic Chemistry, Single Crystal X-ray Diffraction, Inorganic Materials, Structure Determination, Chemical Bonding, Hydrogen Bonding, Quantum Chemistry, Crystallization, Structural Chemistry, Solution Chemistry, Crystal, Crystal Structure, Kinetics, Adsorption, Catalysis, Coordination Compounds, Equilibrium, Crystallography, Urea, Molecular Magnetism, Crystal Engineering, X-ray Diffraction, Structure Analysis, Material Characterization, Applied X-ray Crystallography, Hydrothermal Synthesis, Theoretical Chemistry, Physical Chemistry, Cobalt, Intermolecular Interactions, Molecular Interactions, Materials

*Languages* Arabic, English

*Scientific Memberships*

*Interests*

## Publication Highlights

[authors]: [title]. [details]

## Books

## Book Chapters

## Journal Publications

Khairi Suhud, Lee Yook Heng, Madjid Rezayi, Aisha A. Al-abbasi, Siti Aishah Hasbullah, Musa Ahmad, Mohammad B. Kassim: *Conductometric Studies of the Thermodynamics for Complexation of 1,1-Diethyl-3-(4-methoxybenzoyl)thiourea and Cobalt(II) Cation in Aqueous Binary Mixtures of Polar Organic Solvents*. Journal of Solution Chemistry 02/2015; 44(2)., DOI:10.1007/s10953-015-0308-2

Siew San Tan, Aisha A. Al-abbasi, Mohamed Ibrahim Mohamed Tahir, Mohammad B. Kassim: *Synthesis, structure and spectroscopic properties of cobalt(III) complexes with 1-benzoyl-(3,3-disubstituted)thiourea*. Polyhedron 02/2014; 68:287-294., DOI:10.1016/j.poly.2013.11.005

- Aisha A. Al-abbasi: *Synthesis, Structure and Spectroscopic Properties of Cobalt(II) Complexes with 1-Benzoyl-(3,3-Disubstituted)Thiourea*. Polyhedron 11/2013;
- Aisha A Al-Abbasi, Mohamed Ibrahim Mohamed Tahir, Mohammad B Kassim: *N-(Pyrrolidin-1-ylcarbothioyl)benzamide*. Acta Crystallographica Section E Structure Reports Online 01/2012; 68(Pt 1):o201., DOI:10.1107/S1600536811053694
- Aisha A Al-Abbasi, Mohamed Ibrahim Mohamed Tahir, Mohammad B Kassim: *1,1-Diethyl-3-(4-methoxybenzoyl)thiourea*. Acta Crystallographica Section E Structure Reports Online 12/2011; 67(Pt 12):o3414., DOI:10.1107/S1600536811049208
- Aisha A Al-Abbasi, Bohari M Yamin, Mohammad B Kassim: *1-(4-Chloro-benzo-yl)-3-cyclo-hexyl-3-methyl-thio-urea*. Acta Crystallographica Section E Structure Reports Online 08/2011; 67(Pt 8):o1891., DOI:10.1107/S1600536811025013
- Aisha A Al-Abbasi, Mohammad B Kassim: *1-Ethyl-1-methyl-3-(2-nitrobenzoyl)thiourea*. Acta Crystallographica Section E Structure Reports Online 07/2011; 67(Pt 7):o1840., DOI:10.1107/S1600536811024652
- Aisha A Al-Abbasi, Mohammad B Kassim: *1-Benzoyl-3-ethyl-3-phenyl-thio-urea*. Acta Crystallographica Section E Structure Reports Online 02/2011; 67(Pt 3):o611., DOI:10.1107/S1600536811004326
- Aisha A Al-Abbasi, Siew San Tan, Mohammad B Kassim: *1-Benzoyl-3-(4-hydroxyphenyl)thiourea*. Acta Crystallographica Section E Structure Reports Online 12/2010; 66(12)., DOI:10.1107/S1600536810045988
- Aisha A Al-Abbasi, Mohd Ambar Yarmo, Mohammad B Kassim: *N-[(Piperidin-1-yl)carbothioyl]benzamide*. Acta Crystallographica Section E Structure Reports Online 11/2010; 66(Pt 11):o2896., DOI:10.1107/S160053681004170X
- Aisha A Al-Abbasi, Siew San Tan, Mohammad B Kassim: *1-Benzoyl-3-(4-hydroxy-phen-yl)thio-urea..* Acta Crystallographica Section E Structure Reports Online 01/2010; 66(Pt 12):o3181.

## Patents

## Conference Proceedings

- Aisha A. Al-abbasi: *Theoretical study of the inhibition and the adsorption properties of N-containing aromatic compounds as corrosion inhibitors of mild steel in hydrochloric acid*. The 1st International Conference on Chemical, Petroleum, and Gas Engineering (ICCPGE 2016), Alkhoms-Libya; 12/2016
- Aisha A. Al-abbasi, Fatima Almahjoob, Omassad Ibrahim, Salsabil Almorabt: *Volumetric, viscometric and refractive Indices Properties of binary mixtures of acetyl acetone with 1-butanol at different temperatures*. The 1st International Conference on Chemical, Petroleum, and Gas Engineering (ICCPGE 2016), Alkhoms-Libya; 12/2016
- Mohammad B. Kassim, Aisha A. Al-abbasi: *New Vanadyl Complexes with Mixed ONS-Donor Ligands: Synthesis, Structural and Electronics Properties*. 40 International Conference on Coordination Chemistry" (ICCC40),, Valencia, Spain.; 09/2012

Aisha A. Al-abbasi, Mohammad B. Kassim: *Synthesis, Structural, Electrochemical And Antimicrobial Activity of Oxovanadium(IV) Benzoylthiourea with Tris(3,5-Dimethylpyrazolyl)Borate Co-ligands*. 3rd Asian Conference on Coordination Chemistry (3ACCC), New Delhi, India.; 10/2011

Asma M. Husin Milad, Aisha A. Al-abbasi, Mohammad B. Kassim, Wan Ramli Wan Daud: *Fabrication and Photoactivity Study of Titania Nanotube with Oxovanadium(IV) Complex in a Photoelectrochemical Cell with an Aqueous Electrolyte*.. First EuCheMS Inorganic Chemistry Conference., University of Manchester, UK; 04/2011

Aisha A. Al-abbasi, Mohammad B. Kassim: *Synthesis, Structural, Spectral And Electrochemical Properties Of Novel Oxovanadium(IV) Complexes of Benzoylthiourea And Tris(3,5-dimethylpyrazolyl)borate Ligands*.. First EuCheMS Inorganic Chemistry Conference , 11-14 Apr 2011., University of Manchester, UK; 04/2011

Siew San Tan, Aisha A. Al-abbasi, Mohammad B. Kassim: *Synthesis and Structural Characterization of Benzoylthiourea Ligands*. 16th Malaysian Chemical Congress (16MCC), Putra World Trade Centre, Kuala Lumpur, Malaysia; 10/2010

Aisha A. Al-abbasi: *The Synergistic effect of halide ions and organic nitrogen containing compounds on the inhibition of mild steel corrosion in hydrochloric acid solution*. the 6th Libyan corrosion conference 2007. (Full paper- proceeding book), Tripoli. Libya; 11/2007

## Technical Reports