

CURRICULUM VITAE

Randa Mohammed Ali Al-As'ad

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PERSONAL

Place of Birth Jordan
Date of Birth August 10
Marital Status Single
Nationality Jordanian
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ACADEMIC QUALIFICATIONS

2014 **Ph.D.**, Organic Chemistry, The University of Jordan, Amman, Jordan
2009 **M.Sc.**, Chemistry, The Hashemite University, Zarqa, Jordan
2004 **B.Sc.**, Chemistry, The Hashemite University, Zarqa, Jordan

SPECIALTY

General Specialization: Chemistry

Specialization : Organic Chemistry

CAREER HISTORY

- 2016 - Currently: Faculty Member at the Chemistry Department at Al-Hussein Bin Talal University, Jordan
- 2014-2015: Department of Chemistry, University of Jordan, Amman, Jordan. Lecturer / Experimental Organic Chemistry for Chemistry Majors and Experimental General Chemistry for Nonchemistry Majors
- 2011 – 2013: Department of Chemistry, University of Jordan, Amman, Jordan. Lecturer / Experimental Organic Chemistry for Chemistry Majors and Experimental General Chemistry for Nonchemistry Majors.
- 2009 – 2010: Department of Chemistry, University of Jordan, Amman, Jordan. Teacher Assistant / Systematic Identification of Organic Compounds, Experimental Organic Chemistry for Chemistry Majors and Experimental General Chemistry for Nonchemistry Majors.
- 2006 – 2008: Department of Chemistry, Hashemite University, Zarqa, Jordan. Teacher Assistant / Systematic Identification of Organic Compounds Lab, Instrumental Analysis Lab, Analytical Chemistry Lab, Organic Chemistry Lab and General Chemistry Lab.
- 2004 – 2006: Teacher at private school

Membership(s)

- American Chemical Society (ACS)
- Jordanian Chemical Society (JCS)

RESEARCH INTEREST

- Synthesis of organic compounds, inorganic and polymer compounds
- Characterization of organic compounds
- Spectroscopy (NMR, IR, HRMS, Elemental)

PUBLICATIONS

- Khaled Al Khalyfeh, Deeb Taher, Wissam Helal, Marcus Korb, Imad Hamadneh, Ammar Al-Dujaili, Amer Imraish, Hana M Hammad, Randa M. Al-As'ad, Sultan T Abu-Orabi, Alexander Hildebrandt, Heinrich Lang (2020), Synthesis and Characterization of 1,4-chalcogenesters Bearing 5-Membered Heterocycles. Journal of Chemical Sciences, accepted manuscript.
- Ibrahim A. M. Saraireh, Mohammednoor Altarawneh, Jibril Alhawarin, Mahmoud Salman, Abdel Aziz Abu-Yamin, Randa Alasad (2019), Synthesis and Characterization of β -Diketimine Schiff Base Complexes with Ni(II) and Zn(II) Ions: Experimental and Theoretical Study, Journal of Chemistry. Volume 2019.
- Lana Z. El-Agha, Mustafa M. El-Abadelah, Marwan R. Kamal, Salim S. Sabri, Randa M. Al-As'ad and Wolfgang Voelter (2018), Fused thia-heterocycles via isothiocyanates. Part II. A convenient synthesis of some new thieno[2,3-b]thiopyran-4-one derivatives. Z. Naturforsch, 73(2)b: 109–113
- Randa M. Al-As'ad, Mustafa M. El-Abadelah, Salim S. Sabri, Jalal A. Zahra, Firas F. Awwadi, Wolfgang Voelter (2015), A Facile synthesis of novel pyridone-annelated spiropyrrolidine-oxindoles via 1,3-dipolar cycloaddition. Monatshefte fur Chemie, 146, 621-629.
- Ayman M. Saleh, Randa M. Al-As'ad, Mustafa M. El-abadelah, Salim S. Sabri, Jalal A. Zahra, Ahmad S. Alaskar and Ahmad Aljada, (2014), Synthesis and Biological Evaluation of New Pyridone-Annelated Isoindigos as Anti-Proliferative Agents. Molecules, 19, 13076-13092.
- Randa M. Al-As'ad, Mustafa M. El-abadelah, Salim S. Sabri, Jalal A. Zahra, and Wolfgang Voelter (2013), Synthesis of 6-Ethyl-1,2,9trioxopyrrolo[3,2]quinoline-8-carboxylic Acid. Z. Naturforsch, 68b, 700 – 706.
- Amjad H. El-Sheikh, Yahya S. Al-Degs, Randa M. Al-As'ad, Jamal A Sweileh (2011), Effect of oxidation and geometrical dimensions of carbon nanotubes on Hg(II) sorption and preconcentration from real waters. Desalination, 270, 214-220.



CONFERENCES AND PROCEEDINGS

- 11th Eurasia conference on chemical sciences on 6-10 Oct. 2010, The Dead Sea – Jordan
- International conference of young chemists (ICYC) on 8-10 Apr.2012, Amman, Jordan
- اليوم الكيميائي الاردني الثاني الذي عقد في رحاب جامعة العلوم والتكنولوجيا بالتعاون مع الجمعية الكيميائية الاردنية وذلك في التاسع من ايار لعام 2007
- المؤتمر الكيميائي الاردني الثامن الذي نظمه الجمعية الكيميائية الاردنية بالتعاون مع قسم الكيمياء- جامعة البتراء بتاريخ 21-4-2008
- The 8th Palestine international chemistry conference (PICC 2015)

TEACHING

Courses Taught-undergraduate

General Chemistry -1, General Chemistry -2, Organic Chemistry-1, Organic Chemistry-2, Organic Chemistry-3, Introduction to Heterocyclic Chemistry, Spectroscopic identification of organic compounds, Systematic characterization of organic compounds, Experimental Organic Chemistry-1, Experimental Organic Chemistry-2, Experimental General Chemistry-1, Experimental General Chemistry-2.

SKILLS

Languages

- Arabic (native)
- English (excellent)

Computer Programs

Windows 2003, 2007, 2010, Microsoft Office package, Chemdraw, SciFinder.