

Curriculum vita

Eyad A. Younes

❖ Personal Information

Place and Date of Birth: Amman/ June 17, 1984

Nationality: Jordanian

Current Address: Zarqa-Jordan

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❖ Academic Credentials

PhD, Chemistry, (09/2013- 08/2017)

Memorial University of Newfoundland, St. John's, Canada, (Average 82.5/100, GPA: 4/4).

Supervisor: Dr. Yuming Zhao.

Title of dissertation: New Organic π -Conjugated System Using Dithiafulvenes and Tetrathiafulvalenes as Building Blocks.

M.Sc., Organic Chemistry, (09/ 2006 – 06/2010)

The University of Jordan, Amman, Jordan.

Title of dissertation: Synthesis of Heterocyclic Compounds by Intramolecular Cyclization of Nitrile Imines. ([Ms. C. -Thesis](#)).

B.Sc., Chemistry, (09/2002- 06/2006)

Hashemite University, Al Zarqa, Jordan.

Secondary School Certificate, (Oct. 2001- June 2002)

Al-Russeifa Secondary School, Jordan.

❖ Work Experience

Assistant Professor, (Currently, since Oct.2017)

Department of Chemistry, the Hashemite University, Zarqa, Jordan.

Teaching Assistant, (Sep. 2013- May 2017)

Department of chemistry, Memorial University of Newfoundland, St. John's, Canada

Science teacher at primary school, (July 2012 – August 2013)

❖ Research Interests

- Design, Synthesis and physical characterization of redox-active pi-conjugated organic compounds and polymers.
- Synthesis and evaluation of chemosensors for fluoride anion.
- Study the physical properties of different organic compounds using the density functional theory (DFT) calculations.

❖ Skills

Languages

Arabic: Native language

English: Very good in reading, writing, and conversation

Computer

Proficient in Microsoft Office, Internet, Chem. Office, and Scifinder.

❖ Publication and Scientific Events

Papers Published in Refereed Journal

1. Tabasi, Z; Younes, E; Walsh, J; Thompson, D; Bodwell, G; Zhao, Y. Tuning pyrenoimidazolyl-benzaldehyde fluorophores for colorimetric and ratiometric fluorescence sensing of fluoride anion, *Acs Omega*, **2018**, 3, 16387–16397.
2. Younes, E.; Zhao, Y. Functionalization of pentacene-5,7,12,14-tetraone with geminal enediyne and 1,3-dithiole groups. *Organic chemistry frontier*, **2017**,4, 804-810.

3. Younes, E.; Zhao, Y. Highly p-extended tetrathiafulvalene analogues derived from pentacene-5,7,12,14-tetraone, *RSC Adv.*, **2015**, 5, 88821–88825.
4. Younes, E.; Williams, K.; Walsh, G.; Schneider, C.; Bodwell, G.; Zhao, Y. A TTFV–pyrene-based copolymer: synthesis, redox properties, and aggregation behaviour. *RSC Adv.*, **2015**, 5, 23952–23956.
5. Mulla, K.; Liang, S.; Shaik, H.; Younes, E.; Adronov, A.; Zhao, Y. Dithiafulvenyl-grafted phenylene ethynylene polymers as selective and reversible dispersants for single-walled carbon nanotubes *Chem. Commun.*, **2015**, 51, 149–152
6. Husseina, Q; Younes, E. One-Pot Synthesis of Dihydroquinazolines via condensation of α -aminonitriles with 2-aminoacetophenone. *Heterocyclic letters*, **2014**, Vol. 4: (4), 481-486.
7. Younes, E.; Husseina, A; May, M; Fronczek, F. Synthesis of 1,4 benzodiazepin-5 ones from 2-Nitrobenzoic acid and α -aminonitriles, *ARKIVOC*, **2011**, (ii), 322-330.
8. Younes, E.; Husseina, A. Synthesis of Benzo[6,7][1,2,4] triazepino[4,3a]quinoxaline6,13(5H,8H)dione from Anthranilic Acid and 1,2-Diaminobenzene, *Jordan Journal of Chemistry (JJC)*, **2011**, 6 (4), 361-369.

Publication just submitted

1. Shabeeb, I; Issa, L; Shtaiwi, M, Younes, E . New Hydrazone-Hydrazone Derivatives of Quinoline 3-Carboxylic acid hydrazide with Expected Antibacterial Activity and Theoretical Study, submitted, *letters in organic chemistry*.

❖ References

Prof. Yuming Zhao

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E-mail: Yuming@mun.ca

Prof. Paris Georghiou

Professor of organic chemistry, Memorial University of Newfoundland, Canada.
E-mail: parisg@mun.ca

Prof. Ahmad Hussein

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Prof. Raed Al-Qawasmeh

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