Orwa Jaber Houshia

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University of Arkansas, Fayetteville, AR, USA 2005 Ph.D., Chemistry (organic/polymer & mass spectrometry) 2005 Dissertation: "Matrix Assisted Laser Desorption Ionization Fourier Transform Mass: Spectrometry for Polymer and Copolymer Characterization" 1998 Phttsburg State University, Pittsburg, KS, USA 1998 M.S., Chemistry (catalysis) 1991 Thesis: "Low Temperature FT-IR Studies of Nitric Oxide Reactions on Modified Pd/Al ₂ O ₂ Surfaces" 1994 B.S., Biology (microbiology) 1* Minor: Chemistry 2001 1* Minor: Chemistry 2011 2001 1* University of Arkansas Graduate School Fellowship 2001 • University of Arkansas Graduate School Fellowship 2001 • University of Arkansas 2001 • Cordes Outstanding Teaching Assistant Award, Department of	EDUCATIO	N		
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SELECTED PUBLICATIONS

Yudong Zhang, Saeed Balochian, Praveen Agarwal, Vishal Bhatnagar, **and Orwa Jaber Housheya** *Artificial Intelligence and Its Applications*, Mathematical Problems in Engineering Volume 2016 (2016), Article ID 3871575, 6 pages <u>http://dx.doi.org/10.1155/2016/3871575</u>

Orwa Jaber Houshia, Oday Zaid, Hazem Shqair, Motasem Zaid, Nashida Fashafsheh, Reeman Bzoor, Effect of Olive Oil Adulteration on Peroxide Value, Delta-K and on the Acidity Nabali-Baladi Olive Oil Quality, "Advances in Life Sciences **2014**, 4(5): 235-244, DOI: 10.5923/j.als.20140405.04 http://article.sapub.org/10.5923.j.als.20140405.04.html

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http://article.sapub.org/10.5923.j.ije.20140404.04.html

Abdalla Alimary, Mohammed Boufaroua, BouBaker Dhehibi, Jamal Y. Al-Dadah, Haneen Al-Sbaihi, Yousra Abu Sharekh, **Orwa Jaber Houshia**, "Performance Indicators for Wastewater Reuse Systems in Gaza Governorates" Civil and Environmental Research Journal, Vol 3, No 9 (2013) <u>http://www.iiste.org/Journals/index.php/CER</u>

Oday Zaid, **Orwa Jaber Houshia**, Mohammad Abu-Eid, Motasem Zaid," Palestinian Nabali-Baladi Olive Oils Quality: Premium Ultra Fine Extra Virgin Olive Oil Classification" United States of America Research Journal, vol 1. No 2: **(2013)** pages 29-34, <u>http://usarj.org/article/view/11</u>

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Ismail Masri, **Orwa J. Jaber**, Iqab Daraghmeh "Measurements of Mercury Concentrations at the Arab American University Dental School Clinics" United States of America Research Journal, vol 1. No 1: **(2013)**.page 21-24, <u>http://usari.org/issue/view/4</u>

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Kaufman, Jacob M.; **Jaber, orwah J.;** Stump, Michael J; Simonsick, William J. Jr.; Wilkins, Charles L. "*Interference from multiple ctions in MALDI–MS spectra of copolymers*" Int. J. Mass Spectrom. **(2004)**, Volume 234, Issues 1-3, , Pages 153-160

Stump, Michael J.; Fleming, Richard C.; Gong, Wei-Hong; **Jaber, orwah J.;** Jones, Jeffrey J.; Surber, Charles W.; Wilkins, Charles L. "*Matrix-Assisted Laser Desorption Mass Spectrometry*" Applied Spectroscopy Reviews **(2002)**, Volume 37, Issues 3, Pages 275-303

PROFESSIONAL PRESENTATIONS

- 1st conference on Teaching Research Methods for Students of Medical and Social Sciences in Palestine, Nablus, Alqalaa convention Center, June, 28, 2012, Palestine
- 1st conference on Water Crisis and Agricultural Development in Palestine, Palestine Technical University-Kadoorie,

May 21-22, 2012, Palestine

- 53rd American Society for Mass Spectrometry Conference, June 5 9, 2005, San Antonio, Texas
- 52nd American Society for Mass Spectrometry Conference, May 23 27, 2004, Nashville, Tennessee
- The Pittsburgh Conference (PITTCON), March 9 14, 2003, Orlando, Florida
- 215th American Chemical Society National Meeting, March 1998, Dallas, Texas
- 33rd American Chemical Society Midwest Regional Meeting, November, 1998, Wichita, Kansas

LANGUAGES

- Arabic native language
- English speak fluently and read/write with high proficiency

REFERENCES

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- 1. Chemical and Process Engineering Research
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- 5. Advances in Pure and Applied Chemistry
- 6. Guest Editor: Artificial Intelligence and Its Applications

Miscellaneous

- Consultant for the Institute Agronomic Overseas (IAO) –Italy, 1st February 31th August 2012
- عضو في اللجنة العلمية ."في "المؤتمر الدولي الثاني للزيتون في فلسطين: الواقع والتحديات 2013 •
- External funding (Research Grant 12,600 USD) from the EU-UNDP-FAO: 2014-2015
- External funding (Research Grant 68,900 Euro) from the IAEA: 2016-2018

Thesis title	year	student name	
Evaluation of the Performance Indicators for Safety reuse of Treatment Greywater in Northern West Bank	2016	Abeer Afif Jomma	Dr. Orwa Houshia/ External Examine
Kinetic Determination of Bromate in Bread	2015	Shatha Mohammed Salah AbuHasan	Dr. Orwa Houshia/ External Examine
Purification of Agricultural Soil from Organic Contaminants by Solar-Driven Photo- degradation with ZnO Nanoparticles: Laboratory and Pilot-Plant Scale Study	2015	Razan Ahmad Ali Khraim	Dr. Orwa Houshia/ External Examine
Preparation of aromatic esters of 2-phenoxyethanol and exploring some of their biological activities	2015	Nadine Mohammed Kamel Qalalweh	Dr. Orwa Housheya/co- supervisor
Enzymatic Hydrolysis Of Olive Industry Solid Waste Into Glucose, The Precursor Of Bioethanol	2015	Israa Jamal Mohammad Dagher	Dr. Orwah Houshia / External examiner
Spectrophotometric determination of some metal ions via complex formation with carboxylated tris(2- aminoethyl)amine chelating agent	2014	Julnar Adnan Ibrahim Masharqah	Dr. Orwa Houshia/ External Examine
Synthesis of Amide- Linked Minor Groove Binders (MGBs) to Target the Androgen Response Element (ARE) Sequence	2013	Saber Mahmoud Abu Jabal	Dr. Orwa Houshia/ External Examine
Synthesis of Specialty Polymer from Cellulose Extracted from Olive Industry Solid Waste	2013	Nisreen Riyad As'ad yousef Alhaj	Dr. Orwah Jaber Hoosheyeh /(External Examiner)
New Routes for Synthesis of Environmentally Friendly Superabsorbent Polymers	2012	Firas Jaber Abd Alateef Abu Jaber	Dr. Orwa Houshia/ External Examine