

Curriculum Vitae:



Name: Ibrahim AbedAl-Karim Mousa Al-Saraireh
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Date of birth: 5-Jan. 1967
Place of birth: Sool - Al-Karak - Jordan
Nationality: Jordanian
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Number of children: Five
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Scientific Qualifications:

Degree	Name Of University	Specialization	Period of study	Date of graduation
Secondary Education Certificate	Jafar Bin Aby Taleb Secondary School south Al-Mazar-Al-Karak- Jordan	Scientific Stream	2 years	1986
B.Sc.	Yarmouk University Irbid, Jordan	Chemistry	4 years	1990
M.Sc.	Mu'ta University- Al-Karak- Jordan	Chemistry	3 years	2000
Ph.D.	Jordan University- Amman Jordan	Organic Chemistry/ Synthesis and Theoretical	5 years	2005

Title of Ph.D. dissertation:

Synthesis and Characterization of Some N-Protected- α -Amino- β -keto Esters Complexes with Some Transition Metals

Academic and Teaching Experiences:

Position	Place	From	Up To
Full Professor	Department of Chemistry/ Al-Hussein Bin Talal University/ Jordan	03/04/2019	date
Associate Professor	Department of Chemistry/ Al-Hussein Bin Talal University/ Jordan	2013	2019
Assistant professor	Department of Chemistry/ Al-Hussein Bin Talal University/ Jordan	2007	2013
Assistant professor	King Abed Al-Aziz University/ Sudia Arabia	2006	2007
Teacher	Secondary Schools (Ministry of Education/ Jordan)	1992	2005

Administrative Experiences:

Position †	Place	From	Up To
Vice Dean	Faculty of Science/ AHU/ Jordan	2012	2014
Chairman	Department of Chemistry/ AHU/ Jordan	2010	2012

Courses I taught:

- Organic Chemistry I, II and III (231, 232, 331)
- Organic Chemistry for Non-Chemistry Students (235)
- Spectroscopy of organic chemistry (431)
- Laboratory of physical chemistry (342)
- Introduction of polymer chemistry (351)
- General Chemistry (101, 102)
- Practical Organic chemistry (233, 234)
- Practical Organic Chemistry for Non-Chemistry Students (236)
- Mathematics for chemistry students (206)
- Practical general Chemistry (103, 104)
- Special topics of organic chemistry (organometallic) (433)
- Chemistry of heterocyclic compounds (434)
- Inorganic Chemistry I, II, and III (221, 321,421)
- Special topics of Inorganic chemistry (422)
- Practical Inorganic chemistry (322)
- Industrial Chemistry (I) (461)
- Group theory (Master students)

Scientific and research interests:

- Proton transfer complexes,
- Synthesis of some diazo compounds with N-protected α -L- amino acids Diazo- β -diketones, and Keto esters
- Complexes of some organic Compounds
- Heterocyclic compounds

Computer Skills:

- Windows and Linux operating systems.
- Net-Works connections.
- Other programs like: Origin, Autocad, CorelDraw, Vision and others.

Languages:

Arabic	Mother language
English	Excellent

Membership of professional organizations:

- Jordanian Chemical Society since 1997

Teaching goals and philosophy:

- To plant love of science and scientific research in the minds of the students.
- To create a contact circle between the teacher and the student.
- To transfer all of my experience and knowledge to my students.
- To build a powerful generation of scientists with ability to pursue and bear all new developments and discoveries.

Conferences and Workshops:

International Conference on Chemistry and Chemical Process - ICCCP 2011.

May 28-29, 2011, in Bangkok, Thailand

International Chemistry Conference
March 27-29, 2019
at Bahauddin Zakariya University, Multan, Pakistan

List of publications:

- 1- **Ibrahim A.M. Saraireh.** *tetrahedron letters* **53 (2012) 2023-2025.**
Synthesis and characterization of chiral di(N-protected- α -amino)diazo- β -diketones from α -diazoketones and imidazolides derived from amino acids.
- 2- Tareq irshaidat, Ibrahim abdelkarim mousa saraireh and Oluseun. akintola. *J. Chem. Soc. Pak., Vol. 34, No. 4, 2012 815-818.* Conformation and the Unique H-Bond of 2-(N,N-dimethylamino) Benzoic Acid in Gas Phase.
- 3- Jafar Zanganeh , Mohammednoor Altarawneh , **Ibrahim Saraireh** , Samira Namazi , Javad Zanganeh . *Computational and Theoretical Chemistry* **1011 (2013) 21–29** Theoretical study on thermochemical parameters and pKa values for fluorinated isomers of toluene.
- 4- **Ibrahim A. M. Saraireh.** *Asian Journal of Chemistry; Vol. 25, No. 9 (2013) 4747-4752 .*
Complexation of Chiral Di (N-protected α -amino) - β -Diketones with Some Transition Metals
- 5- Abdel Aziz Abu-Yamin, Mahmoud Salman and **Ibrahim Saraireh.** *Journal of Chemical and Pharmaceutical Research.* **2013, 5(3):33-41.** Proton transfer complexes based on some π -acceptors having acidic protons with tyramine donor: Synthesis and spectroscopic characterizations.
- 6- Basel. M. Saida, Abdel Aziz Abu-Yamin and **Ibrahim Saraireh.** *Journal of Chemical and Pharmaceutical Research,* **2013, 5(12):1537-1541.** Synthesis of 2- $\{(Z)-[(4\text{-methylphenyl})\text{imino}] \text{methyl}\}$ phenol Schiff base.
- 7- Mansour H. Almatarneh, Mohammednoor_Altarawneh, Raymond A. Poirier, **Ibrahim A. Saraireh.** *Journal of Computational Science Volume 5, Issue 4, July 2014, page 568-557.* High level ab initio, DFT, and RRKM calculations for the Unimolecular Decomposition Reaction of Ethylamine.
- 8- Mahmmod Salman, Ayman Issa, **Ibrahim A. M. Saraireh,** Abdel Aziz Abu-Yamin. *Jordan Journal of Chemistry Vol. 11 No. 2, 2016, pp. 85-98.* "Synthesis and Spectroscopic Characterizations of Tris(hydroxymethyl)aminomethane Proton Transfer Complexes with Acidic π -Acceptors".
- 9- Hani M. Alnawafleh, Feras Y. Fraige, Khalid E. Tarawneh, **Ibrahim A. Sarairah,** Laila A. Al-Khatib. *Journal of Analytical Sciences, Methods and Instrumentation,* **2016, 6, 51-63.** "Fractional Yield, Extract Composition and Variability from Jordanian Oil Shales".
- 10- Mahmoud Salman, Abdel Aziz Abu-Yamin, **Ibrahim Sarairah,** Alhawarin Ibrahim and Murad A. AlDamen - **2017** - degruyter.com *Z. Kristallogr. NCS* **2017; aop** Open Access. The crystal structure of ethyl 4-((2-hydroxybenzyl) amino)benzoate, a Schiff base, C₁₆H₁₇NO₃.
- 11- Abdelaziz_Abuyamin, Murad A. AlDamen, Hassan K. Juwhari, Mahmoud_Salman, **Ibrahim Saraireh,** Jibril Al-Hawarin, Mohammad S Mubarak. *Journal of Structural Chemistry.* ZhSH, t. 59, No. 8, 2018, p. 1998 **Jan 2018.** Synthesis, Characterization, Crystal Structure and Fluorescence of a New Samarium Schiff-Base Complex.

- 12- **Ibrahim A.M. Saraireh**, Mohammednoor Altarawneh, Mansour H. Almatarneh. *Computational and Theoretical Chemistry* **1146 (2018) 21–26**. Thermochemical parameters of chlorinated compounds of pyridine.
- 13- **Ibrahim A.M. Saraireh**, Mohammednoor Altarawneh, Jibril Alhawarin, Mansour H. Almatarneh **Hindawi Heteroatom Chemistry Volume 2019,1-6, 2019**. A Thermochemical Parameters and Theoretical Study of the Chlorinated Compounds of Thiophene.
- 14- **Ibrahim A. M. Saraireh** , Mohammednoor Altarawneh , Jibril Alhawarin, Mahmoud Salman, Abdel Aziz Abu-Yamin, and Randa Alasad. *Journal of Chemistry Volume 2019, Article ID 4561013, 9 pages* <https://doi.org/10.1155/2019/4561013>. Synthesis and Characterization of β -Diketimine Schiff Base Complexes with Ni(II) and Zn(II) Ions: Experimental and Theoretical Study.