

¹Mohammad Farouq Khanfar

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Personal Information

Born in Kuwait, Feb., 21st, 1973
Citizen of JORDAN and of CANADA

Education

Ph.D. in Electrochemistry, York University, Toronto, ON, Canada
September 2003- September 2010
Thesis advisor: Prof. Sylvie Morin

M.Sc. in Electrochemistry, Memorial University of Newfoundland,
St.John's, NF, Canada
September 2001-August 2003
Thesis Advisor: Prof. Peter Pickup

M.Sc. in Fluorescence Spectroscopy, Yarmouk University, Irbid, Jordan
September 1994-August 1997
Thesis Advisor: Prof. Khader Al-Hassan

B.Sc. in Chemistry, Yarmouk University, Irbid, Jordan
September 1990-June 1994

Teaching Experience

Assistant Professor, School of Applied Medical Sciences, German
Jordanian University, September 2011-present.

Teaching Assistant, Department of Chemistry, York University, 2003-
2009, assisted students in laboratory for advance Inorganic Chemistry
courses.

Teaching Assistant, Department of Chemistry, Memorial University of Newfoundland, 2001-2003, assisted students in laboratory for introductory Chemistry courses.

Teaching Assistant, Teachers College in Dammam, Saudi Arabia, September 1999- July 2001, taught the different branches of Practical Chemistry.

Lab Instructor, Philadelphia University, Amman, Jordan, March 1997- August 1999, taught Experimental General and Organic Chemistry courses.

Research Interests

Fluorescence Spectroscopy
Surface Electrochemistry
Scanning Probe Microscopy
Density Functional Theory

Conferences and Presentations

Mohammad F. Khanfar, Susan H. Zheng, and Sylvie Morin
“Electrochemistry of Metal Porphyrines Monolayers Adsorbed on Gold Single Crystal Surfaces”, 93rd Canadian Chemical Society Conference and Exhibition, May-June 2010, Toronto Metro Convention Center, Toronto, ON, Canada (oral presentation)

Mohammad F. Khanfar and Sylvie Morin “Metal Phthalocyanines Modified Gold Single Crystal Electrodes”, Surface Canada Conference, June 2009, McMaster University, Hamilton, ON, Canada (oral presentation)

Mohammad F. Khanfar and Sylvie Morin “Electrochemistry of Metal Phthalocyanines Monolayers” , The 58th Annual Meeting of the International Society of Electrochemistry, September 2007, Banff, AB, Canada (poster presentation)

Mohammad F. Khanfar, Suzan Zheng, and Sylvie Morin ”Study of Metal Phthalocyanines Modified Gold Single-Crystal Electrodes”, 90th Canadian Chemical Society Conference and Exhibition, May 2007, Winnipeg Convention Center, Winnipeg, MB, Canada (oral presentation)

Mohammad F. Khanfar and Sylvie Morin “Metal Phthalocyanines Modified Gold Single Crystal Electrodes”, Surface Canada Conference, May 2006, Queens University, Kingston, ON, Canada (poster presentation)

Mohammad F. Khanfar and Sylvie Morin “Cobalt Phthalocyanines Modified Electrodes”, The Canadian Section of the Electrochemical Society, Young Authors Symposium, August 2005, Guelph University, Guelph, ON, Canada (poster presentation)

List of Publications

Khanfar M. F.; Morin S.; Oxygen Reduction at Cobalt Phthalocyanine Modified Au (111) Electrodes. ECS Transactions (2010), 25(23), 33-45.

Song, Chaojie; Khanfar, Mohammad F.; Pickup, Peter G. Mo oxide modified catalysts for direct methanol, formaldehyde and formic acid fuel cells. Journal of Applied Electrochemistry (2006), 36(3), 339-345.

Al-Hassan, Khader A.; Khanfar, Mohammad F.; Fluorescence probes for cyclodextrin interiors. Journal of Fluorescence (1998), 8(2), 139-152.

Memberships

Member of the Electrochemical Society Inc. (ECS) and the Canadian Section of the ECS, 2002-present.