**Dr. Maani Aboumandour**

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**Scientific qualifications:**

* B.Sc. in Chemistry from Cairo University, faculty of Science. with Very Good grade, 1974.
* M.Sc. (Master of Science) in Physical Chemistry from Mansoura University, faculty of Science, 1978.
* Ph.D. (Doctor Degree) in Analytical and Physical Chemistry from University of Houston, U.S.A.,1988.

**Academic Appointments:**

* Demonstrator of general chemistry at faculty of science, Mansoura University in 1974- 1978.
* Assistant Lecturer at Chemistry Department, Faculty of Science, Mansoura University from 1978 –1990.
* Member of an American Peace-Fellowship followed by government scholarship from 1983 –1989.
* Lecturer at the Chemistry Department, faculty of Science, Mansoura University from 1990 –1993.
* Loaned as a Lecturer to Saudi Arabia (The general president for Girls Teaching) from 1993- 1999.
* Lecturer at the Chemistry Department, faculty of Science, Mansoura University from 2000 to 2007.
* Associate Professor at the Chemistry Department, faculty of Science, Mansoura University from 2007 to 2017.
* Adjunct Professor at HCC , Houston,Tx. 2020 till now.

 **List of Publications:**

* Changes in surface and catalytic properties of the CuO/Al2O3 system induced by doping with MgO, A.M. Youssef, M.A. Hamada and N. Nawar, Material Letters 15 (1993) 386-391.
* Characterization of some catalysts using vacuum balances, A.M. Youssef, M.N. Alaya and M.A. Hamada, Thermochimica Acta. 235 (1994) 91-98.
* Benzene hydrogenation activities of supported nickel catalysts in relation to their chemisorption properties, Th. El-Nabarawy, A.A. Attia, M.A. Hamada and A.M. Youssef, Adsorption Science and Technology, 12 (1995) 151-159.
* Surface, acidic and catalytic properties of silica-alumina catalysts in relation to their chemical composition., Th. El-Nabarawy, L.b. Khalil, M.A. Hamada and N. Nawar, Adsorption Science and Technology 15 (1997) 125-134.
* Spectroscopic characterization and catalytic activity of some Cu(II)-hiosemicarbazide complexes, Maany M. Hamada, Abdelhamid M. Shallaby, Ola El-Shafai and Ahmed A. El-Asmy, Transition Metal Chemistry, 2006.
* Enhancement of catalytic activity of [Cu2(TS)(OH)2(OAc)] using superconductor cuparate sample, Maany M. Hamada, Ola-Elshafai and Ahmad A. El-Asmy, Transition Metal Chemistry, 2006.
* Influence of Permanent Magnet on the Association Constants of FeCl3 in 50% Ethanol− H2O Solutions (Conductometrically) at 298.15 K Using a New Equation for 1: 3 Asymmetric Electrolytes. N.A. El-Shishtawi, M.A. Hamada, E.A. Gomaa. Journal of Chemical & Engineering Data 55 (12), 5422-5424 ,2010.
* Optomechanical Properties of 10% PVA (Polyvinylalcohol) in Presence of CoCl 2 and 44% Ethanol Water Compositions, M.A. Hamada, E.A. Gomaa, N.A. El-Shishtawi, International Journal of Optoelectronic Engineering 2 (1), 1-3 ,2012.
* Influence of Permanent Magnet on the Association Constants of FeCl 3+ 10% PVA (Polyvinylalcohol) in 50% Ethanol-Water Solutions Conductometrically at 298.15 K: Using New Equation for 1: 3 Asymmetric Electrolytes, N.A. El-Shishtawi, MA Hamada, EA Gomaa, Physical Chemistry 1 (1), 14-16, 2011.
* Apparent molal volumes of sodium fluoride in mixed aqueous-ethanol solvents, E Gomaa, M Hamada, R Galal, Avances en Quimica 5, 117-121, 2010.
* Influence of polyvinylalcohol on the solvation volumes of FeCl 3 and CoCl 2 in aqueous ethanol solutions, MA Hamada, NA El-Shishtawi, Transition Metal Chemistry 32 (4), 425-429, 2007.
* Conductometric evaluation of association constants for aqueous solutions of CoCl 2 in the absence and presence of a magnetic field, MA Hamada, NA El-Shishtawiand, EA Gomaa, Southern Brazilian journal of chemistry 17, 33-40, 2009.

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