

CURRICULM VITAE



Personal Details

Name: Taki Aldin Abdalhadi Himdan (B. Sc., M.Sc., Ph. D.)

Specialization: Physical Inorganic Chemistry

Scientific Degree: prof

Adress: University of Baghdad / College of Education Ibn Al-Haitham
Department of chemistry, Adhamiyah, P.O.4150 , Baghdad. Iraq

Date of Birth: Baghdad 1954

Status: Married

Telephone: +9647729692377

E. mail: takihimdan@yahoo.com

Appointments

1993- Lecture in the chemistry Dept. College of Education Ibn Al-Haitham . Baghdad University.

1999- Assist professor in the chemistry Dept. College of Education Ibn Al-Haitham . Baghdad University.

2006- Professor in the chemistry Dept. College of Education Ibn Al-Haitham . Baghdad University.

- 1- Taught undergraduate Chemistry Students, courses taught 2nd . year Chemistry students, Thermodynamics. 3rd . year chemistry students, Kinetic chemistry.
- 2- Taught Postgraduate Chemistry Students. Courses taught for M.Sc. Level Speacial topic in Physical chemistry. Surface chemistry and catalysis. The Molecular Interactions for ph. D. Level.
- 3- Supervision: M.Sc. students 48
Ph. D. students 13

Scientific Certification:

B. Sc.: College of Education /Ibn Al-Haitham. Baghdad University.
1978-1982.

M. Sc.: College of Science. Zagreb University. 1985-1987.

Ph. D.: College of Science. Zagreb University. 1989-1992.

Conferences which you participated:

Conferences: 14

Seminars: 34

Research:

Published: 52

Accepted for publication: 3

Selected Publications:

A study of trinuclear iron (III) ortho-phthalates. D. Hanžel , H. Bilinski , **T. A. Himdan** , M. Miljak and V. Vančina, Hyperfine Interaction 53, 3339-3344 1990.

Aspartic acid as a trap for γ -irradiated energy in the amorphous $Al_5(OH)_{15}(asp)_3 \times 3H_2O$., **T. A. Himdan**, V. Nöthig-Laslo and H. Bilinski, Radiat. Res. 131, 266-271 ,1992.

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Novel Tetradentate Ligand With N₂S₂ Donor Set and Its Complexes With (*Ni^{II}*, *Pd^{II}* and *Pt^{II}*), Department of Chemistry , College of Education , Ibn AL-Haitham , University of Baghdad, Baghdad, Iraq. Mohamad Jaber AL-Jeboori, **Taki A. Himdan** and Ashour H. Dawood, Journal of AL-Nahrain University Vol. 8(2), December, 2005, pp. 37-41.

“Comparative Study of a Propanon and Butanon from Aqueous Solution on Iraqi and Foreign (Commercial) Zeolite”. **Takialdin A. Himdan** & Eman T. Kareem, Department of Chemistry , College of Education , Ibn AL-Haitham , University of Baghdad, Baghdad, Iraq. Journal of Diyala No. 20 2005.

Toughening of Epoxy-Resins Using Thermoplastic Materials as Modifiers, **T. A. Himdan.**, Department of Chemistry, College of Education, Ibn-AL-Haitham, Baghdad University , Ibn AL-haitham J. for PURE & APPL. SCI VOL.18 (3) 2005

Refractive Index and Density of Urea dissolved in Ammonium phosphate's Solution at Different Temperature, Rawa'a N. Abd Al-Kareem, Yousif I. Mohammed and **Taki Aldin H. Himdan.**, Department of Chemistry, College of Education, Ibn-AL-Haitham, Baghdad University ,Journal of Al-Nahrain University Vol.14 (4), December, 2011, pp. 18-24.

Synthesis and Characterization of Complexes of [(N,N'-Bis(2-Hydroxy Ethyl) Glycine] with Some Metal Salts., Basima M. Sarhan , **T. A. Himdan** , Enass J. Waheed., Department of Chemistry, Ibn- AL-Haitham, Education College, University of Baghdad, Iraq. *Journal of Education College* No. 1, pp: 269-283 2012.

Determination of Cancer Antigen CA15-3 and Carcino Embryonic Antigen CEA concentration as Tumor Marker in Patients with Stomach and Colorectal Cancer., Rana K. AL-Saady, Wafa F. AL-Tai and **Taqi A. Himdan.**, *Journal of the Faculty of Medicine Baghdad*, Vol. 54, No. 3, 2012.

Adsorption Kinetic and Thermodynamic Study of Congo Red Dye on Synthetic Zeolite and Modified Synthetic Zeolite., Ahmed M. Abbas, Yousif I. Mohammed and **Taki A. Himdan.**, Dept. of Chemistry/ College of Education for Pure Science/ (Ibn- Al Haitham) University of Baghdad, *Ibn Al-Haitham J. for Pure & Appl. Sci.* Vol. 28 (1) 2015

Formation of polymeric assemblies of six-coordinate metal complexes with mixed bridges of dicarboxylato-azido moieties., Riyadh M. Ahmed, **Taki A. Hamdan**, Ahmed T. Numan, Mohammed J. Al-Jeboori and Herman Potgieter., *Complex Met.* 2014, 1, 38-45

Synthesis and Characterization of Schiff-Bases liquid crystalline containing 1,3,4-oxadiazole rings., Juman A. Naser, **Taki A. Hamdan**, Ammar H. Al-Dujaili., *Journal of international academic research for multidisciplinary*, Impact factor 1.393, Issn: 2320-5083, volume 2, Issue 3, April 2014

Conformational Study of Hard-core Liquid Crystalline Schiff Bases Containing 1,3,4-Oxadiazole Rings, Juman A. Naser, Yousif I. Mohammed, **Taki A. Hamdan**, and Ammar H. Al-Dujaili., *American Chemical Science Journal* 4(2):....., 2014

Interaction Investigation of New Composite Material Formed from Bauxite and Melamine-Urea Formaldehyde, Israa M. Radhi, Yousif I. Mohammed, **Taki A. Hamdan.**, *Ibn Al-Haitham J. for Pure & Appl. Sci.* Vol.29 (1) 2016

Adsorption of 4-Chlorophenol from Aqueous Solution onto Iraqi Bauxite and Surfactant-modified Iraqi Bauxite: Equilibrium, Kinetic, and Thermodynamic Studies, Muna A. Al-Kazragi, Dhafir T. Al-Heetimi, **Taki A. Himdan.**, *Oriental Journal of Chemistry*, Vol. 33, No. (6), 2017, Pa. 2983-2991, ISSN: 0970-020 X

Study of Physical and Spectral Properties of Quaternary System of 2,5-Hexandione + Cyclopentanol + Cyclohexanol + 3-Heptanol Mixture at 298 K, Ahmed Mohammed Abbas, Zainab Abbas Hassan, Kahdim M. Lazim and **Taki A. Himdan**, *Asian Journal of Chemistry*; Vol. 30, No. 7 (2018), 1574-1578

Synthesis and Spectroscopic Studies of some Divalent Metall Ion Complexes of (3R)-3-hydroxy -2-(3-(4-nitrobenzoyl) thioureido) butanoic acid (HNB), Taghreed Baqer Alwan, Basima M. Sarhan and **T. A. Himdan.**, Research Journal of Pharmacy and Technology, Acceptance Letter 9 Jun 2018

Tannin as Corrosion Inhibitor for Aluminium in Acidic Medium, Enas Hussien Ali and **Takialdin A. Himdan**, Journal of Engineering and Applied Sciences, Accepted on August 18, 2018