

Prof. Dr. Ahmed Mohammed Abbas

E mail: ahmed.m.a@ihcoedu.uobaghdad.edu.iq



Google Scholar

<https://scholar.google.com/citations?user=X3-BOUMAAAAJ&hl=en>

Scopus

<https://www.scopus.com/authid/detail.uri?authorId=57203838653>

Publons

<https://www.webofscience.com/wos/author/record/Y-9769-2019>

ORCID

<https://orcid.org/0000-0002-2001-4704>

Research Gate

<https://www.researchgate.net/profile/Ahmed-Abbas-14>

Education

- 1- Ph.D.(2015) in physical chemistry in Department of chemistry , College of Education for Pure Science Ibn Al-Haithem, University of Baghdad, Iraq.
- 2- M.Sc.(2006) in physical chemistry in Department of chemistry , College of Education for Pure Science Ibn Al-Haithem, University of Baghdad, Iraq.
- 3- B.Sc (2002)in the field of in physical chemistry in Department of chemistry , College of Education for Pure Science Ibn Al-Haithem, University of Baghdad, Iraq.

Research Interest:

Chemistry ,physical chemistry ,surfaces chemistry ,nano materials ,solutions.

Work Experience

2006-2010 Assistant Lecturer in department of chemistry / College of Education for Pure Science Ibn Al-Haithem, University of Baghdad).

2010-2015 Lecturer in department of chemistry / College of Education for Pure Science Ibn Al-Haithem, University of Baghdad).

2015-2021 Assistant Professor in department of chemistry / College of Education for Pure Science Ibn Al-Haithem, University of Baghdad).

2021 till now Professor in department of chemistry / College of Education for Pure Science Ibn Al-Haithem, University of Baghdad.

2017 Associate Dean for Scientific Affairs and Postgraduate Studies in College of Education for Pure Science Ibn Al-Haithem, University of Baghdad.

2019 till now College representative for chemicals in College of Education for Pure Science Ibn Al-Haithem, University of Baghdad

2019 till now team leader of CBRN in College of Education for Pure Science Ibn Al-Haithem, University of Baghdad .

2015-2017, Member of the Graduate Studies Committee in department of chemistry / College of Education for Pure Science Ibn Al-Haithem, University of Baghdad .

2019-2021, Member of the Academic Promotions Committee in department of chemistry / College of Education for Pure Science Ibn Al-Haithem, University of Baghdad .

2019-2021, Member of the plagiarism Graduate Studies Committee in department of chemistry / College of Education for Pure Science Ibn Al-Haithem, University of Baghdad .

2015-2016 , 2022-2023, Scientific committee member in department of chemistry / College of Education for Pure Science Ibn Al-Haithem, University of Baghdad).

2023 till now , editorial board member in Ibn Al-Haitham Journal for Pure and Applied Sciences (IHJPAS)

Languages:

- Arabic.

Curriculum vitae

- English.

Teaching Experience

physical chemistry ,surface chemistry ,safety for lab, kinetic .

Supervision

- MSc:

- 1- Characterization of Carbomodification for Iraq Clay and uses in Adsorption Field.
- 2- Study Organic and Inorganic Modification of Iraqi Clay for One Pollutants Waters Treatment.
- 3- preparation , activation and characterization of plant charcoal from proso millet grain husks using for organic dye adsorption.
- 4- Characterization of Biophysical Modification for Iraqi Attapulgite Clay and Study its Adsorption Efficiency.

Publications:

- 1- Comparison between Chemical Vapor Deposition and Flame Fragments Deposition Techniques for Synthesizing Carbon Nanotubes , FHH Firas H. Abdulrazzak, Ahmed M. Abass , Ayad F. Alkaim, NeuroQuantology 18 (4), 5-10,2020.
- 2- X-ray Analysis for Purification Process of Synthesized Multi-Walled Carbon Nanotubes by Chemical Vapor Deposition AMAMKKA Firas H.Abdulrazzak,Shahad KEsmail ,Halimah A.Dawod, International Journal of Theoretical and Applied Sciences 8 (1), 37-43,2016.
- 3- Synthesis of few-wall carbon nanotubes using methanol/ propanol mixture by chemical vapour deposition, HFH Abdulrazzak FH1 , Abbas AM, Frontiers in Nanoscience and Nanotechnology 3 (3), 1-7,2017.
- 4- Purification and Functionalization of Carbon Nanotubes Based on Hydrogen Peroxide AMAFHA Mostefe Khalid Mohammed, Israa Mohammed Radhi, Duah Ayad Yas , International Journal of Advanced Biotechnology and Research 8 (3), 2345-2351,2017.
- 5- Adsorption kinetic and thermodynamic study of congo red dye on synthetic zeolite and modified synthetic zeolite , Ahmed M.abbas, Ibn AL-haitham journal for pure and applied science 28 (1), 54-72 ,2015.
- 6- Synthesis of multi-walled carbon nanotubes from Iraqi natural gas/CO mixture by catalytic flame fragments deposition method ,HA Firas, MA Ahmad, HH Falah, Asian Journal of Chemistry 31 (1), 247-2507,2019.

- 7- Kinetic study of adsorption of azo dye from aqueous solutions by zeolite and modified synthetic zeolite, AM Abbas, FH Abdulrazzak, TA Himdan, Journal of Materials and Environmental Science 9 (9), 2652-2659,2018.
- 8- Excess Molar Quantities of Binary Mixture of Dipropyl amine with Aliphatic Alcohols at 298.15 K,ZAH Al-Dulaimy, DTA Al-Heetimi, HS Khalaf, AM Abbas,Oriental Journal of Chemistry 34 (4), 2074,2018.
- 9- Adsorption of Anionic Dye from Aqueous Solution by Modified Synthetic Zeolite ,AM Abbas, YI Mohammed, TA Himdan, Ibn AL-Haitham Journal For Pure and Applied Science 28 (2), 52-68,2015.
- 10- Adsorption of heavy metals on bentonite and modified bentonite clay, factors, kinetic and thermodynamic studies / a review, FHA Sara Hussien Ali , Ahmed Mohammed Abbas, Algerian Journal of Materials Chemistry 3 (2), 90-106,2020.
- 11- Adsorption of malachite green dye by bio-micro-adsorbent from aqueous solution at different temperatures, MA Jasim, AM Abbas, Journal of Physics: Conference Series 1294 (5), 052015,2019.
- 12- Influence of Acid and Base Piranha Oxidation Reagent on Adsorption Activity of Graphite FHA Ansam N. Khurshid , Sahar H. Mourad , Ahmed A. Ismail , Ahmed M. Abbas, International Journal of Innovations in Engineering and Science 2 (3), 30-34,2017.
- 13- Preparation and Characterization of Graphene Oxide–Attapulgite composite and its use in kinetic study of Alizarin Dye Adsorption from Aqueous Media,A Abbas, S Merza, Egyptian Journal of Chemistry 63 (2), 561-572,2020.
- 14- Novel Coronavirus 2019-nCoV Selectivity and Activity between Asians and Europeans Populations: A Review, FH Abdulrazzak, AM Abbas, TH Al Mgheer, Mohammed, AM Ajobree,International Journal of Psychosocial Rehabilitation 24 (05),2020.
- 15- Kinetic Study of Methyl Green Dye Adsorption from Aqueous Solution by Bauxite Clay at Different Temperatures, AM Abbas, SS Abd, T abduhadi Himdan, Ibn Al-Haitham Jour. for Pure & Appl. Sci 31 (1), 58-66,2018.
- 16- Study of Physical Properties for Sodium acetate with Water and Water - Acetone mixtures at Different Temperatures, Ahmed Mohammed Abbas ,Zainab Wajdi Ahmed,Alaa Fadhil Sulaiman Al-Mustansiriyah Journal of Science 27 (4), 60-66, 2016.
- 17- Adsorption of dyes by activated carbon surfaces were prepared from plant residues, A Review, Ahmed Mohammed Abbas , Firas Habeb Abdulrazzak , Walaa Jubair Sabbar, Journal of Materials and Environmental Science 11 (12), 2007-2015,2020.
- 18- Purification Techniques for Cheap Multi-Walled Carbon Nanotubes, AM Abbas, FH Abdulrazzak, IM Radhi, AI AbdulLatif, TA Himdan, Journal of Physics: Conference Series 1660 (1), 012022,2020.
- 19- Kinetic Study of Adsorption for Doxycycline Drug from Aqueous Solutions by Bentonite and Activation Bentonite at Different Temperatures, baraa kasim mohammed, B Dekhyl, takialdin abduhadi himdan, Journal of education and scientific studies 10 (4), 135-150,2017.

- 20- Preparation and Characterization Of Biomass-Alumina Composite as Adsorbent for Safranine-O Dye from Aqueous Solution at Different Temperatures, Mohammed Ahmed Jasim , Ahmed Mohammed Abbas, AIP Conference Proceedings,2021.
- 21- Study of Molecular Interaction for Antibiotic Drug with Sugar Solutions at Different Temperature, AMA Sundus H.Merza , Nagham H. Abood, International Journal of Drug Delivery Technology 10 (1), 170-174,2020.
- 22- Preparation, Characterization and Adsorption Capacity of Bauxite-Carbon Nanotube Composite, SS Abd, AM Abbas,Nature Environment and Pollution Technology 18 (3), 863-869,2019.
- 23- Estimation of Excess Properties of Binary Liquids Systems of Tetrahydrofurfuryl Alcohol with Short-Chain Carboxylic Acids at 298.15 K, AMAMHS HUSAM S. KHALAF , ZAINAB A.H. AL-DULAIMY,Asian Journal of Chemistry 31 (4), 820-824, 2019.
- 24- Preparation and Characterization of Silver Oxide Nanoparticles AgNPs and Evaluation the Ratios of Oxides, Firas Abdulrazzak Firas Abdulrazzak , Ahmed M Abbas , Mostefe Khalid , Journal of Engineering and Applied Sciences 14 (5), 9177-9184,2019.
- 25- Study of Volumetric, Viscometric and Thermodynamics Behavior of Binary and Ternary Systems for 2, 5 Hexandione with Some Alcohol Cyclic at Different Temperatures, AM Abbas, J. Chem. Soc. Pak 40 (06), 1071,2018.
- 26- Study of Physical and Spectral Properties of Quaternary System of 2,5-Hexandione + Cyclopentanol + Cyclohexanol + 3-Heptanol Mixture at 298 K, AM ABBAS, ZA HASSAN, KM LAZIM, TA HIMDAN, ASIAN JOURNAL OF CHEMISTRY 30 (7), 1574-1578,2018.
- 27- NOVEL THERMODYNAMIC PROPERTIES OF BINARY MIXTURES OF TETRAHYDROFURFURYL ALCOHOL WITH SOME ALCOHOLS AT 298.15 K , SA Salman, SA Al-Khfaji, KI Hussain, ZA Al-Dulaimy, Rasayan J. Chem 11 (2), 589 – 596,2018.
- 28- Some Thermodynamic Properties of binary Mixtures of Alcohol isomers and Sulfolane at 298.15 K, ZAH Ahmed M.Abbas, Zainab Abbas Al-Dulaimy ,Samir Addy Salman , Fatimah Ayad, Journal of the Collage of Basic Education 22 (96), 25-36,2016.
- 29- Viscometric and thermodynamic studies of D-galactose and D-maltose in sodium sulfide solution (0.25M) at different temperatures, ALAL Ahmed M.A.AL-jeboori, rokayia Sameer AL-khalisy, journal of the college of basic education 20 (86), 919-928,2014.
- 30- Thermo physical behavior of binary and ternary systems for cycloheanol with some ketones at three temperatures, MAALJHALD Ahmed najem abd, dhafir T.ajeel AL-heetimi , eman talib kareem, Journal of kerbala university 10 (3), 240-251, 2012.
- 31- Volumetric study of behavior of the some amino acid in aqueous solutions for potassium halides at different temperatures, A abbas, Al-Mustansiriya Journal of science 22 (6), 127-144,2011.
- 32- study of interaction behavior of sucrose in caffeine solution at different temperatures, A abbas, journal of karbala university 8 (3), 187-195, 2010.

Curriculum vitae

- 33- Studies of molecular interaction for hexacyclic compound with nitromethane by measuring densities and refractive index in 298.15 K, Ahmad mohammed abbas , ahmed esmaeel kanore and firas habeb abdal razzak, Diala journal 42, 1-13,2010.
- 34- Excess molar volumes and viscosities for binary liquid mixtures of 2-propoxyethanol with isomers of butanol in 298.15K, ahmed esmaeel karem and firas habeb abdal razzak Ahmad mohammed abbas, journal of the college of basic education 16 (66), 171-182,2010.
- 35- Study the nature of molecular interaction between vitamine B1 with water and %5 solution of sodium chloride at different temperature, ahmed mohammed abbas, Al-Mustansiriya Journal of Science 20 (4), 49-58,2009.