




Curriculum vitae

Full Name	Zaid Hameed Mahmoud		
Date of Birth	July 22, 1991		
Social Status	Married		
E-mail	zaidhamid@uodiyala.edu.iq		
Mobile	07722957411		
Academic Achievement	1. Achieved the chemical safety and security training by University of Diyala. 2. Studied the statistical analysis course by University of Diyala. 3. Completed the COVID-19 prevention course by the University of Milford. 4. Completed the course of COVID-19: What you need to know, by Osmosis University. 5. Achieved the modern techniques in e-learning training by International Union of Creators.		
The scientific Title	Lecture		
Scientific Department	Chemistry Department		
BSC	Chemistry Department, Collage of Science, University of Diyala	Year	2013
Masters	Chemistry Department, Collage of Science, Mustansiriyah university	Year	2016
PhD		Year	
Workplace	Chemistry Department, Collage of Science, University of Diyala		
Research areas	Nano and applied chemistry		
Research's	The magnetic properties of alpha phase for iron oxide NPs that prepared from its salt by novel photolysis method		
	Low Temperature Photosynthesis of Bi2O3 Nano Powder		

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	Immunomodulatory effects of nanocurcumin on Th17 cell responses in mild and severe COVID- 19 patients
	application of Steinberg Model for Vibration Lifetime Evaluation of Sn-Ag-Cu-Based Solder Joints in Power Semiconductors
	Role of initial stored energy of hydrogen microalloying ZrCoAl (Nb) bulk metallic glasses
	Photosynthesis of AgBr Doping TiO ₂ Nanoparticles and degradation of reactive red 120 dye
	Effect of Au doping on the magnetic properties of Fe ₃ O ₄ NPs prepared via photolysis and co-precipitation methods
	Synthesis of Bismuth oxide Nano powders viaelectrolysis method and study the effect of change voltage on the size for it
	Effect of solvents on size of copper oxide nanoparticles fabricated using photolysis method
	Spectroscopy and structural study of oxidative degradation Congo Red Dye under sunlight using TiO ₂ /Cr ₂ O ₃ -CdS nanocomposite
	Synthesis and characterization of TiO ₂ /Au nanocomposite using UV-Irradiation method and its photocatalytic activity to degradation of methylene blue
	Evaluation the efficiency of CuFe ₂ O ₄ prepared photolysis by OSD and photo degradation
	Removal of Pb ions from Water by Magnetic Iron Oxide Nanoparticles that Prepared via ECD
	Novel photosynthesis of CeO ₂ nanoparticles from its salt with structural and spectral study
	Evaluating the electric properties of poly aniline with doping ZnO and α -Fe ₂ O ₃ nanoparticles
	Low Temperature Novel Photosynthesis Method and Characterization of ZnO/CuO Nano composit
	Low-temperature synthesis of α -Fe ₂ O ₃ /MWCNTS as photo-catalyst for degradation of organic pollutants
	Role of aging temperature on thermomechanical fatigue lifetime of solder joints in electronic systems
	A review of gas sensors based on carbon nanomaterial
	Modified anatase phase of TiO ₂ by WO ₃ nanoparticles: Structural, morphology and spectral evaluations
	Semiconductor Metal Oxide Nanoparticles: A Review for the Potential of H ₂ S Gas Sensor Application
	Nanoparticles: A Review of Preparation and Characterization of Nanoparticles with Application
Scientific expertise	Lecturer, College of Science, University of Diyala, Iraq (2016 - till now)

**Ministry of Higher Education
And Scientific Research
University of Diyala
College of Science**



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