




Curriculum vitae

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Date of Birth	July 22, 1991			
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Academic Achievement	Phd in chemistry			
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	Chemistry Department, Collage of Science, Mustansiriyah university	Year	2022	
Workplace	University of Diyala, Chemistry Department, Collage of Science,			
Research areas	Nano and applied chemistry			
Research's	<p>The magnetic properties of alpha phase for iron oxide NPs that prepared from its salt by novel photolysis method</p> <p>Low Temperature Photosynthesis of Bi₂O₃ Nano Powder</p> <p>Immunomodulatory effects of nanocurcumin on Th17 cell responses in mild and severe COVID-19 patients</p> <p>application of Steinberg Model for Vibration Lifetime Evaluation of Sn-Ag-Cu-Based Solder Joints in Power Semiconductors</p> <p>Role of initial stored energy of hydrogen microalloying ZrCoAl (Nb) bulk metallic glasses</p> <p>Photosynthesis of AgBr Doping TiO₂ Nanoparticles and degradation of reactive red 120 dye</p> <p>Effect of Au doping on the magnetic properties of Fe₃O₄ NPs prepared via photolysis and co-precipitation methods</p> <p>Synthesis of Bismuth oxide Nano powders viaelectrolysis method and study the effect of change voltage on the size for it</p> <p>Effect of solvents on size of copper oxide nanoparticles fabricated using photolysis method</p>			



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	Spectroscopy and structural study of oxidative degradation Congo Red Dye under sunlight using TiO₂/Cr₂O₃-CdS nanocomposite
	Synthesis and characterization of TiO₂/Au nanocomposite using UV-Irradiation method and its photocatalytic activity to degradation of methylene blue
	Evaluation the efficiency of CuFe₂O₄ 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 CeO₂ nanoparticles from its salt with structural and spectral study
	Evaluating the electric properties of poly aniline with doping ZnO and α-Fe₂O₃ nanoparticles
	Low Temperature Novel Photosynthesis Method and Characterization of ZnO/CuO Nano composit
	Low-temperature synthesis of α-Fe₂O₃/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 TiO₂ by WO₃ nanoparticles: Structural, morphology and spectral evaluations
	Semiconductor Metal Oxide Nanoparticles: A Review for the Potential of H₂S Gas Sensor Application
	Nanoparticles: A Review of Preparation and Characterization of Nanoparticles with Application
	Synthesis and characterization of Co₃O₄ nanoparticles: Application as performing anode in Li-ion batteries, 2022.
	A Review of High-Energy Density Lithium-Air Battery Technology: Investigating the Effect of Oxides and Nanocatalysts, 2022.
	Electron transport in dye-sensitized solar cell with tin-doped titanium dioxide as photoanode materials, 2022.
	Role of Alloying Composition on Mechanical Properties of CuZr Metallic Glasses During the Nanoindentation Process, 2022.
	Kinetic, isotherm, and thermodynamic studies on Cr (VI) adsorption using cellulose acetate/graphene oxide composite nanofibers, 2022.
	In situ Polymerization of Polyaniline/Samarium Oxide - Anatase Titanium Dioxide (PANI/Sm₂O₃-TiO₂) Nanocomposite: Structure, Thermal and Dielectric Constant Supercapacitor Application Study, 2022.
	Cr-SiNT, Mn-SiNT, Ti-C70 and Sc-CNT as Effective Catalysts for CO₂ Reduction to CH₃OH, 2022.