

Curriculum vitae

Shahad S. khudiar

-Dept. of Atmospheric Sciences, College of Science, Mustansiriyah University/Baghdad, IRAQ

- **E-mail:**shahadsaad470@gmail.com

- **Languages:** Arabic (Mother), English

EDUCATION:

-B.Sc in physics science/ Department of Applied Science /university of technology – Baghdad

-M.Sc in physics science/ Department of Applied Science /university of technology Baghdad .

Thesis : Enhanced Sensing and photo-detector Performance of ZnO / PS nanostructures Synthesis by Hydrothermal and Laser Ablation Methods.

COMPUTER EXPERIENCE :

- Microsoft office (word , Excel , Access , PowerPoint)

PUBLICATIONS:

- Improvement of spectral responsivity of ZnO nanoparticles deposited on porous silicon via laser ablation in liquid
- Synthesis of ZnO nanostructures by hydrothermal method deposited on porous silicon for photo-conversion application
- Preparation and characterization of ZnO nanoparticles via laser ablation for sensing NO₂ gas
- Characterization of NO₂ gas sensing for ZnO nanostructure grown hydrothermally on porous silicon
- Preparation and Characterization of Porous Silicon for Photodetector Applications