Mohanad Muayad Alyas

physicist

University of Mosul, Iraq

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DATE / PLACE OF BIRTH
1984/04/1
IRAQ

Profile

More than 10 years as a knowledgeable and teaching in physics laboratories and analytical mechanics lectures in university of Mosul and achievement of researches in solid state physics

Employment History

Demonstrator at University of Mosul, IRAQ
march 2007 – 2009

Lecturer at University of Mosul, IRAQ
march 2011 – now

Education

Master of Science (M.Sc.) in solid state physics, University of Mosul, IRAQ
November 2010- now

Preparing and Study the SiO_2 film Using Laser Oxidation for MOS Device

Bachelor of Science (B.Sc.), University of Mosul, IRAQ
Jane2002– July 2006

Courses

Advanced Teaching Methods, University of Mosul, IRAQ
January 2011 – February 2012

Academic English, University of Mosul
2006

Social Profiles

ResearchGate
https://www.researchgate.net/profile/mohanad_muayad

Skills

- FTIR Spectroscopy Methods
- Preparation of thin films
- Preparation of thin films by laser
- Electronic devices measurements

Languages

Arabic

English

Hobbies

Chess
swimming

Workshops

The use of laser in an insulator deposition on the semiconductors.

Methods of porous silicon preparation

Resent Publications

1. F.A. Kasir, and M.M. Alyas "Theoretical Study of the Mean and Resultant Change of Interaction Frequency for Oxygen-Oxygen Ion Dipoles in CaF Crystal" J. Raf. J. Sci., Vol. 24, No. 3 pp. 86-96, 2013.
2. M.M. Alyas and L.M. Altaan "The effect of Si/SiO_2 interface on the electrical properties of MOS device with Nano layer Silicon dioxide grown by induced laser oxidation" J. Raf. J. Sci., Vol. 26, No. 1 pp. 101-112, 2017.
3. M. M. Alias "The Effect of Cu Doping on the Physical and Structural Properties of CdSe Thin Films "Journal of Basic Education College, Vol. (15) , No. (3), 2019.
4. A. A. SULAIMANA, M. M. ALYAS., A. M. MUHAMMED"POROUS SILICON (P-TYPE) PREPARED BY ELECTROCHEMICAL ETCHING AND STUDY OF STRUCTURE AND MORPHOLOGY PROPERTIES AND EFFECT OF NEUTRON IRRADIATION" Digest Journal of Nanomaterials and Biostructures Vol. 15, No. 1, 2020, p. 9 – 14.