***Curriculum Vitae***

***Lamyaa Mohammed Raoof***

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**Personal Summary:**

I am Assistant lecture in physics department - College of Science - Al-Mustansiriyah University. Through my working in the College ofscience/Al-Mustansiriyah University, I got on the scientific and practical experience.

**Education:**

* M.Sc. in Physics/ Solid from Physics department/ College of science/ Al- Mustansiriyah University (2013).
* B.Sc. in physics / Physics department/ College of science/Al- Mustansiriyah University (1994).

**ACADEMIC HONORS AND AWARDS:**

* 1. Acknowledgement of the Dean of the College in 2008.
  2. Thanks and reward from the Dean of the college in 2010.
  3. Congratulations from the president of the university on the research publish of IF Journals in 2014
  4. two congratulations from the president of the university in 2015
  5. Thanks from the president of the university to participate in the session of IC3 in 2010
  6. Thanks from the president of the university in 2014

7-Thanks from the Nanotechnology Association in 2012

**ACADEMIC /TEACHING EXPERIENCE:**

* Teaching in the laboratory of mechanical and electrical for first stage.
* Teaching in the physical solid state laboratory for fourth stage..
* Teaching in electrical laboratory for second stage.
* Teaching in the laboratory of nuclear for fourth stage.

**COURSES TAUGHT:**

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| --- | --- |
| **Undergraduate** | **Graduate** |
| General physics |  |

**PROFESSIONAL AFFILIATIONS:**

* A member of Nanotechnology association/ Al technology Univ -Iraq.
* A member of laboratories equipments maintenance
* A member of department maintenance
* A member of Electronic Laibrary
* Responsible for inventory to electric laboratory.

**PUPLICATIONS:**

* Published papers ( 12 )

1. Optical properties modification of poly(ring chilrideby ethylxanthate metal chelate complexes additives),

مجلة كلية التربية ,2008 .العراق

(2008). دراسة الخواص البصرية لغشاء توليرات الكادميوم المرسب على شرائح زجاجية والمحضرة بطريقة التبخير الحراري2

3. Study of optical properties of ZnSe thin films prepared by thermal evaporation,مجلة علوم المستنصريه2013

. دراسة تأثير التشعيع على الخواص البصرية لاوكسيد البزموث,مجلة كلية التربية,2008,العراق 4

5 . دراسة المعدل الاحصائي للشدات المسجلة بواسطة الويب كاميرا نوع (ENET)لصورة اختبارية بيضاء تحت اضاءة فلورسنت مختلفة,مجلة ابن الهيثم 2009

.6 دراسة العلاقة بين المعدل والانحراف المعياري للشدات اللونية المسجلة بواسطة الويب كاميرا (ENET)عند نوع استخدام اضاءة مصباح التنكستن,مجلة كلية العلوم,2009.

7.قياس تراكيز اليورانيوم في نماذج تربة من مدينة اربيل باستخدام عد اثار شظايا الانشطار في كاشف الاثر CR-39 .مجلة التربية .2014

8. Growth and Structure of Silver Oxide Thin Films Using Rapid Thermal Oxidation Method International Review of Physics, 2013

9. Silver oxide nanostructure prepared on porous silicon for optoelectronic application, Applied Nanoscience(Springer), 2013

10.Study on Electrical Behavior for Ceramic (Cordierite-Mullite) Derived from Local Clay, JCBPS, 2015

11. Preparation of Ag2O/PSi/c-Si Heterojunction Device Using Rapid Thermal Oxidation Method for Gas Sensor Application, *Elixir Nanotechnology*, 2015.

12. Preparation of Cadmium Sulfide Nanoparticles By Laser Ablation In Methanol Solution, JMESS, 2016

13. Study of the Effect of Doping with Alumina and Silica the Structural and Electrical Properties of Epoxy

(Journal of Physics: Conference Series) 2021.

14. CdTe Thin Films prepared by thermal evaporation on Silicon substrate for photocurrent device Applications

(Journal of Physics: Conference Series) 2021

15. The Effect of Different Thickness on The Optical and Electrical Properties of TiO2 Thin Films (Journal of Physics: Conference Series) 2021.

**براءة اختراع**

**بناء ودراسة خصائص نبيطة المفرق الهجين كخلية شمسية Ag2O/Si ,Ag2O/PSi/C-Si**. **الجهاز المركزي للسيطرة والتقييس**. العراق, 2015.

***Title of Thesis***

***Fabrication and characterization of Ag2O/Si and Ag2O/PSi Heterojunction devices***

**PROFFESSIONALDEVELOPMENT**

* Certifications: Participation in course of teaching methods, participate in the training course of IC3, Participation in the course of computers.
* Conferences: Participation in Conference to collage of science.
* Workshops. Attend many of seminars and workshops.