Curriculum Vitae

Kawther Ali Khalaph

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PERSONAL SUMMARY:

Full Name : Kawther Ali Khalaph
Place of Birth : Iraq , Baghdad
Date of Birth : 9/10/1975
Gender : Male
Nationality : Arab, Iraqi
Religion : Moslem
Marital Situation : Married
Languages : Arabic (Native Language)
English
Hobbies: : Reading, and Volleyball
Present Address : IRAQ, Baghdad

Workplace: College of Medicine , Ibn Sina University of Medical and Pharmaceutical Sciences ,Baghdad, Iraq

Web of Science Researcher ID: AAL-9458-2020
ORCID iD: http://orcid.org/0000-0001-9119-8216
Scopus ID: https://www.scopus.com/authid/detail.uri?authorId=57215201694

EDUCATION:

- Ph.D. #1: **2017- 2021** [The university of Baghdad, college of Science for Women, Science], [PhD/ Excellent], [nanotechnology, solar cell]
- M.Sc. #2: **2012 - 2014**[university of Baghdad, college of Science for Women, Science] , [M.Sc / Excellent] ,[Image processing, Medicine]
- B.Sc. #3: **1996-2000**,[The university of Baghdad, college of education] B.Sc. education, physics , good]

ACADEMIC HONORS AND AWARDS:

Publish the papers in titled:

1. ***Segmentation of brain tumour using Enhanced Thresholding Algorithm and Calculatethe area of the tumour.***
2. ***Detection of Brain Tumor for MRI using Hybrid Method Wavelet and Clustering Algorithm***
3. ***Book(Detection of Brain Tumor from MR Images Based on Co-occurrence Matrix).***
4. ***Patent (innovation of a new technique for early detection of brain cancer tumors and the calculation of the area of affected tissue from MRI images)***
5. ***Structral and Optical Properties of PbI2 of perovskite thin films***

6. ***Lead-free two-dimensional perovskite solar cells Cs3Fe2Cl9 using MgO nanoparticulate films as hole transport material***
7. ***Lead-free perovskite and double perovskite solar cells***
8. ***Preparation and simulation of lead mixhalide perovskite solar cells***
9. ***Patent (Perovskite based solar cells: with high conversion efficiency and economical quality)***
10. **Lead-Free Double Perovskite Hybrid Solar Cells With CuO NPs As Hale Transport Material**
11. **Ag/AgO Nanoparticles: green synthesis and investigation of their bacterial inhibition effects**

ACADEMIC /TEACHING EXPERIENCE:

- #1: Medical physics
- #2:nanotechnology
- #3:Solar cell

COURSES TAUGHT:

Undergraduate	Graduate
Medical physics, solid state physic	Nanotechnology

PROFFESSIONAL DEVELOPMENT

- Conferences.
- Workshops.