

# Curriculum vitae

## PERSONAL:

Name: **Mustapha A.setar A.jebar**

Email: [mustapha-a.setar@alayen.edu.iq](mailto:mustapha-a.setar@alayen.edu.iq)

## EDUCATION:

- PhD in Physics, Radiation Physics, University of Southern Queensland, Australia
- M. Sc. In Physics. Solid state Physics/surface physics, Basrah University, College of Education
- B. Sc. In Physics, Thi-Qar University, College of science.
- Languages: Arabic And English

## PROFESSIONAL QUALIFICATION:

- A staff member, physics Department, College science, Thi-Qar university (2009- 2023).
- Rapporteur of physics department, College science, Thi-Qar university. (2011-2015 and 2023)
- Manager of human resources department, College science, Thi-Qar university. (2020-2021)
- A staff member of AUIQ University (2023 so far ).
- Dean's assistant for administrative affairs in the faculty of health and medical technology (2023 so far ).

## ACADEMIC EXPERIENCE:

Teaching the following subjects from (2009- so far) :

- Medical physics.
- Physical optics .
- Geometrical optics.
- Analytical mechanic .
- Numerical analysis .
- Electrical experiment.
- Mechanic experiment.
- General physics.
- Calculus.
- Physics of solar energy
- Solar UV radiation .
- Modern physics.

- English language for scientific departments.

## **WORK EXPERIENCE:**

- Satellite monitoring of environmental solar ultraviolet A (UVA) exposure and irradiance: a review of OMI and GOME-2 AV Parisi, D Igoe, NJ Downs, J Turner, A Amar, MA A Jebar Remote Sensing 13 (4), 752 10 2021
- Validation of Ozone Monitoring Instrument UV satellite data using spectral and broadband surface based measurements at a Queensland site MA A Jebar, AV Parisi, NJ Downs, JF Turner Photochemistry and Photobiology 93 (5), 1289-1293 7 2017
- Evaluated UVA irradiances over a twelve-year period at a subtropical site from ozone monitoring instrument data including the influence of cloud MA A Jebar, AV Parisi, NJ Downs, JF Turner Photochemistry and Photobiology 94 (6), 1281-1288 6 2018
- Influence of clouds on OMI satellite total daily UVA exposure over a 12-year period at a southern hemisphere site MA A. Jebar, AV Parisi, NJ Downs, J Turner International Journal of Remote Sensing 41 (1), 272-283 5 2020
- Development and validation of a novel approach for evaluation of broadband UVA irradiance and total daily UVA exposures from OMI satellite data MA A Jebar University of Southern Queensland 1 2018
- Chaos Modulation Using Synchronization in Quantum Dot Light Emitting Diode with Optoelectronic Feedback. HB Al Hussein, MAA Jebar, SK Mousa NeuroQuantology 19 (1), 38-48 2021
- Evaluation of the Long-term Cumulative UVA Facial Exposure of Queensland School Teachers derived for an Extended Period from the OMI Satellite Irradiance MAA Jebar, NJ Downs, AV Parisi, J Turner Photochemistry and Photobiology 97 (1), 192-197 2021
- Strong-confinement approach for donor impurities in GaAs spherical quantum dots under the pressure effect LF AL-Badry, MASA Jebar Journal of Education for Pure Science 5 (2) 2015
- Calculation of Vibrational Lifetime of Single Adsorbate on Metal Surfaces with STM
- FN Ajeel, MASA Jebar, FH Hanon JOURNAL OF THI-QAR SCIENCE 5 (1) 2014
- Effect of covered with alkali atoms on The Charge Exchange Process in the Scattering of Atom-Adatom/Surface in the presence of Electron-Phonon Coupling ", published in Journal. Education of Thi-Qar.2012 .
- A paper titled " studying the effect of the Adatom- Adatom interaction through out the scattering of atom from surface ", published in Journal. Science of Thi-Qar 2012.