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Ibrahim M. Kadad

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Education

PhD.	Physics, Univ. of Jean Monnet, France	1989
DEA.	Microelectronic, Ecole Central de Lyon, France	1984
DESS	Physics (Electronics of Solid State), Univeristy of Aleppo, Syria	1979
B.A.	Physics, Univ. of Aleppo, Syria	1977

Academic Experience

2022 – Present	Associate Professor, CTS (PAAET), Kuwait
1998 – 2022	Assistant Professor, CTS (PAAET), Kuwait
1986 – 1989	SFV fellow, Univ. of Jean Monnet, France
1997 – 1998	Assistant Officer, College of Tabuk, KSA
1989 – 1998	Lecture Prof. & Assistant Prof., Univ. of Aleppo, Syria

Research Interests

- Global radiation, UVB radiation and Solar cells (Kuwait climate).

Service Activities

- Departmental Committee Memberships:
 - Budget Committee (2000 – Present).
 - Equipment Committee (2000 – Present)

Publications

1. A.CACHARD, **I.KADAD** "Determination rapide de l'indice et de l'epaisseur de couches minces en optique guide' ". Journee des nitrures, 25 mars 1987, CNRS Paris, France.
2. A.CACHARD, J.C. POMMIER, **I.KADAD** "Utilisation de la pulverisation magnetron reactive pour la realisation de guides optique plans en nitrures d'Aluminium" 6eme colloque international sur les plasmas et la pulverisation cathodique 1-6 juin 1987, Antibes, France.
3. A.CACHARD, R. FILLIT, **I.KADAD**, J.C. POMMIER "Magnetron sputtering deposited AlN wave guides : role of the structure on optical properties" 7th international conference on solid surfaces (ICSS-7) KOLN, Germany, 15 April 1989.
4. **I.KADAD**, " Possibilite de la generation de la seconde harmonique (GSH) in AlN Thin films" Journal des recherches de l'universite d'Alep, Nb 13. 1995
5. Kandil. M. Kandil, M. S. Altouq, A.M. Al-asaad, L. M. Alshamari, **I.M. Kadad**, A. A. Ghoneim. Investigation of the Performance of CIS Photovoltaic Modules under Different Environmental Conditions. Smart Grid and Renewable Energy, Vol 2, August 2011 (375 – 387)
6. Adel A. Ghoneim, **Ibrahim M. Kadad**, Majida S. Altouq. Statistical analysis of solar UVB and global radiation in Kuwait. Energy Vol 60, July 2013 (23 – 34).

7. **Ibrahim M. Kadad**, Hany M. Shabana, Kandil M. Kandil, Adel M. Mohammedein, Adel A. Ghoneim, Inter-comparison of Solar UVB radiation, Global Radiation and UV Index measurements over Kuwait, European International Journal of Science and Technology Vol. 3 No. 9 December, 2014
8. Adel M. Mohammedein 1, Hany M. Shabana 2, **Ibrahim M. Kadad** 3, Kandil M. Kandil 4, Ashraf H. El-Essawy 5 , Asmaa M. Al-asaad 6 and Adel A. Ghoneim 7, Charge state distributions after sub-shells ionization in Lead atom. European International Journal of Science and Technology, Vol. 5 No. 3 April, 2016.
9. Kandil M. Kandil, Talal H. Alzanki, **Ibrahim M. Kadad**. Assessment of high concentrated photovoltaic/thermal collector in hot climate. Smart Grid and Renewable Energy, Vol 10, May 2019 (375 – 387)
10. **Ibrahim M. Kadad**, Kandil M. Kandil, Talal H. Alzanki. Impact of UVB Solar Radiation on Ambient Temperature for Kuwait Desert Climate Smart Grid and Renewable. Energy, Vol 11, No 8, August 2020 (103 – 125).
11. **Ibrahim M. Kadad**, A, A, Ramadan, Kandil, M. Kandil, Adel, A, Ghoneim. Relationship between Ultraviolet-B Radiation and Broadband Solar Radiation Under All Sky Conditions in Kuwait Hot Climate. MDPI Energies 2022, Vol 15, 3130.
12. Kandil, M. Kandil, **Ibrahim, M. Kadad**, Adel, A. Ghoneim, R. S. Altawash. Analysis of HCPV-LIB integrated hybrid system for renewable energy generation in Kuwait hot climate, Sustainable Energy Technologies and Assessments, Volume 53, Part B, October 2022, 102594
13. Kandil, M. Kandil, Haitham A. Alabdulali, **Ibrahim M. Kadad**, and Adel, A, Ghoneim, Electric Vehicle Charging Station Utilizing Hight Concentrated Photovoltaic System Combined with Lithium-Ion Batteries. European Journal of Sustainable Development (2025), 14, 2, 266-292, ISSN: 2239-5938, *Doi: 10.14207/ejsd. 2025.vl4n2p266*
1. **Project Title:** "Experimental and Theoretical Evaluation of Global and Ultraviolet Solar Radiation in the Kuwait Climate"
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Research Team: Dr. Ibrahim Kadad, Mr. Majida Altouq, Dr. Adel Ghoneim.
Support Organization: Public Authority for Applied Education and Training (PAAET)
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