

### •Journal Published Papers:

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9. "Study of Aluminum Thin Film Properties under Different Thermal Vacuum Deposition Parameters". Al- Rafidian Eng. Vol.3, No.2, Mosul University, Mosul, Iraq, P.38, (1995).
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15. "The Photo-Electric and Thermal Properties of Vacuum Deposited CdS Thin Films". Renewable Energy Journal Vol. 14(1-4), (May-August 1998).
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14. "The Effect of Annealing Temperature and Aging Time on the Photovoltaic Properties of CdS / Cu<sub>2</sub>S Heterojunction Solar Cell "World Renewable Energy Congress-IX, Ref: Acc/paper/F, Florence, Italy, 19-25/ August 2006.
15. "Fast Energy Loss Computation and Fuzzy – Based Shunt Capacitor Insertion", 8<sup>th</sup> Annual International Middle Eastern Simulation and Modeling Conference (MESEM 2006), Ref: ELEC 08, Alexandria, Egypt, August 28-30, 2006.
16. " The effect of Coating & Interfacial Layer on the Electronics Properties of Schottky Barrier Photo detector", - The Arab Regional Solar Energy Conference (ARSEC-06), 5-7 Nov., 2006, University of Bahrain, Kingdom of Bahrain.
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24. "Optoelectronic Properties of Silicon Photodetector Doped With Indium or Aluminum" 11<sup>th</sup> International Multi-Conference Systems, Signals & Devices (ISSD14), Conference on Sensors, Circuits & Instrumentation Systems, February 18-22, 2014, Barcelona, Spain.
25. "Novel electronic approach for efficient energy harvesting from Cu<sub>2</sub>S/CdS solar cell" accepted for presentation at The Annual Seminar on Automation, Industrial Electronics and Instrumentation (SAAEI'14 June 25- 27, 2014, Tangier, Morocco.