



الاتحاد العام للصناعات الفلسطينية
Palestinian Federation of Industries

Symposium on Nanotechnology

June 28, 2019

At Palestine Red Crescent Society, Ramallah & Al-Aqsa University, Gaza

Presented Posters

Formation and Characterization of (MoO₃/ZnS, InSe) Heterojunctions <i>Nancy.M.Yasin, A. F. Qasrawi. 1Dep. of Physics, Arab American U, Palestine</i>
The Electronic Structure and Heat Capacity of the Donor Impurity Confined in a GaAs Parabolic Quantum Dot <i>Asmaa YASEEN, Mohammad K. ELSAID*, Musa ELHASAN. Physics Dep., Faculty of Science, An- Najah N. U, Palestine</i>
The Fabrication of Mg₂Pb Alloy <i>Mayamen Abu-Alyayeb, A. F. Qasrawi. Dep. of Physics, Arab American U, Palestine</i>
Recycling CdSe-Based Thin Film Solar Cells <i>Sohaib Abu Alrob, Hikmat Hilal, Ahed Zyoud. An Najah N. U, Palestine</i>
Employment of WKB approximation for investigation of the effects slowly varying energy barriers on the tunneling current of nanostructured devices <i>Alaa Abu Alrub¹, A. Ziqan¹, H. Khanfar², A. F. Qasrawi³. ¹Dep. of Mathematics, Arab American U, Palestine, ² Dep. of Physics, Arab American U, Palestine, ³ Dep. of Telecommunication Engineering, Arab American U, Palestine</i>
Identification of the structural phases in TlInS₂ doped with Selenium <i>Areen Hamarsheh, A.F.Qasrawi. Dep. of physics, Arab American U, Palestine</i>
ZnSe/MoO₃ heterojunction and their characterization <i>Hadeel.M.Zyoud, A.F.Qasrawi. Dep. of physics, Arab American U, Palestine</i>
Zinc oxide micro-wires for optical and chemical sensing <i>Khattab AbuRub, Khalid F. Eid, Dep. of Physics, Birzeit U, Palestine</i>
Temperature-dependent Crystallization of CuSe Nanosandwiched with Au <i>Lara Samen, A. F. Qasrawi. Dep. of Physics, Arab American U, Palestine</i>

<p>Effect of Au/Ge substrate on the structural and electrical properties of GaSe film <i>Maisam M. A. Abdullah, A. F. Qasrawi. Dep. of Physics, Arab American U, Palestine</i></p>
<p>Combined effects of Rashba term and topological defect on thermal and magnetic properties of GaAs Quantum dot <i>Nouf Ibrahim¹, Muayad Abu Saa^{1,*}, Mohammad Elsaid^{2,*}, Ayham Shaer². ¹ Physics Dep., Faculty of Science, Arab American U, Palestine. ² Physics Dep., Faculty of Science, An- Najah N. U, Palestine</i></p>
<p>Optimisation Of Refractive Index Of Selenium By Fresnel's Equations And Swanepoel Technique <i>Sarah H Najar, Anan Hussein, A.F,Qasrawi. Dep. of physics, Arab-American U, Palestine</i></p>
<p>Optical and Temperature dependence characteristic of the In-Mg stacked films <i>Shatha N. Abu Alrub, A. F. Qasrawi. Dep. of Physics, Arab American U, Palestine</i></p>
<p>Investigation of the electrical properties of Indium Sulfide <i>Wala Sameer Ghannam, A. F. Qasrawi. Dep. of Physics, Arab American U, Palestine</i></p>
<p>In situ monitoring of the permanent crystallization, phase transformations and the associated optical and electrical enhancements upon heating of Se thin films <i>Hadeel D. Aloushi, A. F. Qasrawi, ¹Dep. of Physics, Arab American U, Palestine</i></p>
<p>Synthesis of Biocompatible Gold nanoparticles using cinnamon phytochemical as anti-cancer therapy: Experimental study. <i>Al-Agha Hala, Radwan Samaher, Abed Mahmoud, Attalla Akram, Al-Shanti Amjad, .Al-tawil Sanaa, U Of Palestine, Palestine</i></p>
<p>Enhancement of Electrical Performance of MoO₃ Films via Indium Nano Sandwiching <i>Masa Jamal Daraghme, Muayad Abu Saa, Hazem Khanfar, Dep. of Physics, Arab American U, Palestine</i></p>
<p>Graphene Oxide (GO) Sheets as Nano-carriers for Doxorubicin Encapsulated Nano-Liposomes enhances the therapeutic efficiency of the Drug Delivery Systems <i>Areej Idrees, Sawsan Abusharkh. Biophysics Research Laboratory, College of Science & Technology, Al-Quds U, Palestine</i></p>
<p>Doxorubicin Targeted Nano Liposomes as New Drug Delivery System for Cancer Treatment: Spectroscopic Study <i>Cindey Galindo, Sawsan Abusharkh. Biophysics Research Laboratory, College of Science & Technology, Al-Quds U, Palestine</i></p>
<p>New nanophosphor for white light emitting diodes (WLEDs) <i>S.K.K. Shaat^{1,2}, H.C. Swart¹ and O.M. Ntwaeaborwa^{1,1} Dep. of Physics, U of the Free State, South Africa. ² Dep. of Physics, Islamic U, Palestine</i></p>