

POSTER SESSION A (3.30 pm to 6.00 pm, September 21, 2016)

PA001	Anodic Formation of Nanoporous Crystalline Niobium Oxide Leonid SKATKOV
PA002	Surface Coverage Control of Self Organized Plasmonic Interfaces for Photovoltaics Gizem BIRANT
PA003	Surface Enhanced Raman Scattering Activity of 0 and 1 Dimensional Silver Nanostructures Ozge DEMIRTAS
PA004	Microstructure and Corrosion Behaviour Of AISI 4140 Steel Modified By Pulse Plasma Treatment Yıldız YARALI OZBEK
PA005	Magnetic properties of thin film and superlattices Rachid Masrour
PA006	Electrical properties of p-n diodes based on undoped and Iodine doped ZnO nanorods prepared by hydrothermal method Hadjersi Toufik
PA007	Pulse electrodeposition of nickel-titanium nitride composite coatings Muhammet KARTAL
PA008	Kinetics of tartrazine photodegradation by Cu modified silicon nanowires Sabrina NAAMA
PA009	Characterization of CdS Thin Films Grown by Chemical Bath Deposition Using Two Different Cadmium Salts Hassiba MOUALKIA
PA010	Effect of Gum Arabic on Hydrogen Evolution of Ni/Mo Electrodes Prepared by Electrodeposition Route Elhachmi GUETTAF TEMAM
PA011	Determination of the Refractive Index of Dielectric Films from the Transmittance Spectrum by Using Morse Wavelet Erhan TIRYAKI
PA012	An Improved Method For Simultaneous Determination Of Refractive Index And Thickness Of Dielectric Films: A Simulation Study Seckin OZCAN
PA013	Aluminum doped amorphous silicon carbide by co-sputtering DC magnetron Amer BRIGHET
PA014	Development of Three-Dimensional Nanomorphologies in Carbon Thin Films Ronaldo MANSANO

PA015	Thermal Effect on I-V Properties for GaAs MESFET transistors Chahrazed KADDOUR
PA016	Influence of Deposition Parameters on ZnO:Ga Thin Films Nilufer DUYGULU
PA017	Influence of some reactive elements addition on the microstructural, mechanical and tribological properties of niobium carbide coatings Eray ABAKAY
PA018	Effect of Bilayer Period on the Properties of Mo2N/CrN Multilayer Coatings Produced by R.F Magnetron Discharge Boudjemaa BOUAOUINA
PA019	Optical, microstructural and photocatalytic properties of metals doped TiO2 thin films Fayçal BENSOUICI
PA020	Optoelectronic Properties of Nanostructured Carbon Thin Films by High Density Plasma Chemical Vapor Deposition Ronaldo MANSANO
PA021	Electrical and Photoelectrical Properties of (Poly(divinylbenzene)/ Multi-Walled Carbon Nanotube Nanocomposite)/n-Si Diodes Banu KUCUR
PA022	Structural analysis of Ge nanoparticles embedded ZnO thin films by Laser Induced Breakdown Spectroscopy (LIBS) Kemal Efe ESELLER
PA023	Influence of Sulphurization Time on the Properties of Cu2ZnSnS4 Thin Films Deposited on Mo-coated SLG Substrates by Co-sputtering Neslihan AKCAY
PA024	Structural and optical properties of transparent Y-doped anatase TiO2 thin films grown by Nd-YAG laser annealing Faouzi HANINI
PA025	Effect of plasma oscillation on the ion deposition distribution in the process of an electron beam-heating metal substrate C. Y. HO
PA026	Effect of Al doping on the structural and optical properties of SnO2 thin films elaborated by sol-gel technique Mourad KHECHBA
PA027	Studies in Cu2ZnSnS4 based solar cells with various buffer layers Abdesslam BOULOUFA
PA028	Comparative Study of ZnO Thin Films Deposited by Spray Pyrolysis and Sol-Gel Technique Malika MEDJALDI

PA029	Numerical simulation of bias-illumination stress with equivalent oxide thickness effects of gate insulator on amorphous indium-tin-zinc-oxide thin film transistors (a-ITZO TFTs) Takieddine TAOURIRIT
PA030	Using Self Assembled Monolayer to Improve Device Performance of Organic Light Emitting Diodes Ahmet Nuri OZCIVAN
PA031	The Effect of Fluorine Doping On Structural, Electrical and Optical Properties of SnO₂ Thin Films Yasmina BENCHEIKH
PA032	Fabrication of Cobalt Nanoparticles on Porous Silicon for Improved Photoluminescence Alper CETINEL
PA033	In situ photoelectron spectroscopy of WO₃/LiPON interface for electrochromic devices Olivia BOUVARD
PA034	Effect of Si doping on the transition temperature and electronic properties of VO₂ thin films Anna KRAMMER
PA035	Temperature Dependent Electrical Conductivity Behaviour of Sol-Gel Prepared Co:ZnO Thin Films Ebru GUNGOR
PA036	Tribological Properties at Room and High Temperature Conditions of TiVZrN Graded Composite Coatings Deposited with CFUBMS Ozlem BARAN
PA037	Plasmonic Effect on the Performance of Si-Based ZnSe Heterojunction Seda KAYRA GÜLLÜ
PA038	Device Characterization of Cu-Ag-Ga-Te Thin Films for Photovoltaic Applications Hasan Hüseyin GÜLLÜ
PA039	Dielectric Relaxation Mechanisms in CuO/Ball Type Phthalocyanine Composite Thin Films Banu Süngü Mısırlıoğlu
PA040	Optical and structural characterization of CuxZn1-x thin films deposited by thermal evaporation Damla BULUT
PA041	Studying the CdTe based extremely thin absorber layer solar cell Arezoo HOSSEINI
PA042	The vibration dynamics of the ordered bimetallic Pt(110)Cu(110)/Pt surface alloys Fazia LEKADIR
PA043	The superconductivity in Mg-doped InN grown by Molecular Beam Epitaxy Ahmet EKICIBIL

PA044	Determination of longitudinal optical phonon energy of GaAs_{1-x}Bix quantum wells (QWs) grown on various orientations by MBE Mustafa AKYOL
PA045	Study on the Performance of AlInP/n-InGaP/p-InGaP/AlGaInP Top Cell In Triple Junction Solar Cell Meryem LASLADJ
PA046	Parameters Extraction of Solar Cell Based on p-Si/n-Zno:Al Structure Using Genetic Algorithm Safia KEREOR
PA047	PHYSICOCHEMICAL CHARACTERISATION AND DISSOLUTION PROPERTIES OF BINARY SYSTEMS OF ACID NIFLUMIC-β-CYCLODEXTRIN Damiche REBIHA
PA048	Spectral response of porous thin hydrogenated amorphous silicon carbide films (a-Si_{0.7}C_{0.3}:H) Assia BOUKEZZATA
PA049	Production of Au-Ag Thin Films and Investigation of Some XRD and XRF Parameters Omer SOGUT
PA050	Morphological Characterization of Zinc Oxide Nanomaterials and Their Applications in Dye Sensitized Solar Cells Sule ERTEN ELA
PA051	Polyvinyl chloride-co-Activated carbon nanoparticles nanocomposite electro dialysis cation exchange membranes: Fabrication and characterization in desalination process Sayed M. HOSSEINI
PA052	Influence of Al co-doping on the structural, optical, and electrical properties of Cu-doped ZnO thin films Abdullah YILDIZ
PA053	Growth of large area, single- and few-layer graphene on Ni-Cr by CVD method Mostafa DADASHBABA
PA054	Decolouration of Orange II solutions by the active layers of Cu-doped ZnO deposited on ceramics based on mullite and zircon Bouras DIKRA
PA055	Nitrogen Doping of Graphene by Plasma Treatment Alper YANILMAZ
PA056	Design and Device Application of Si-Based Cu-Ag-Ga-Te Thin Film Heterostructure Hasan Huseyin GULLU
PA057	Fabrication and Characterization of Ag-TiO₂-NTs and Investigated Carrier Density in I⁻ /I₃⁻ Electrolyte by Electrochemical Impedance Spectroscopy

	Birgul YAZICI
PA058	Preparation of Poly(3-Hexylthiophene) Sensitized Ag Doped TiO₂-NTs and Its Carrier Density Determined by Mott-Schottky Analysis Evrin BARAN
PA059	Fabrication, characterization and modelling of n-ZnO /p-Si solar cells Nikolay CHUCHVAGA
PA060	The influence of electric field applied during deposition on functionality of TiO₂/VO₂ thin films Nursel CAN
PA061	Production of antibacterial polymeric coatings from essential oils Bayram OZKAN
PA062	Betavoltaic study on GaN p-i-n diode with Ni-63 source Neslihan AYARCI
PA063	Determination of Contact Parameters of Al/p-Ge Diode with Methyl Green Interlayer Fikriye Seyma OZCELIK
PA064	Investigation of Annealing Effects on Optical Properties of CuO Thin Films Deposited by SILAR Method Yunus AKALTUN
PA065	Synthesis, Characterization and Modelling of ZnSe/Zn(Cd)S/Cd(Zn)S and CdSe/Zn(Cd)S/Cd(Zn)S Core/Shell/Shell Nanocrystals Hadi S. PISHEH
PA066	Produced to transition metal doped, Dy: ZnO and Dy: MgO thin films by Chemical Spray Pyrolysis method and investigation to the thin films structures Tuba CAKICI
PA067	Microstructure and Mechanical Behaviour of Aluminium Oxide Thin Films Younes BENARIOUA
PA068	Dopant Concentration Effects on Mn-Doped ZnO Thin Films Reza Sahraei
PA069	Tailored Protein Adsorption on Biocompatible Plasma Nanofilms Fethi Olcaytuğ
PA070	Synergistic Tungsten Oxide/Conducting Polymer Hybrid Nanofiber Assemblies for Highly Efficient Electrochromic Devices Aysegul Uygun Oksuz

PA071	Electrochemical Preparation of Poly(2-chloroaniline) and poly(aniline-co-2-chloroaniline)Modified ZnFe Films on Carbon Steel Surface and Their Corrosion Performance Adurrahman Akdağ
PA072	RHEED and HRTEM Study of Tin Dioxide Thin Films Surface Alexander Samoylov