

POSTER SESSION B (3.30 pm to 6.00 pm, September 22, 2016)

PB001	Enhancement Of High-Carbon Steel Surface Properties Through Pulse Plasma Technique Yıldız YARALI OZBEK
PB002	Theoretical Determination of the Refractive Index and Extinction Coefficient of an Absorbing Thin Film by Using Morse Wavelet Erhan TIRYAKI
PB003	Nanostructured Diamond-like Carbon Thin Films Growth on Stainless Steel Ronaldo MANSANO
PB004	Electro- optical characterization of amorphous niobium oxide deposited by RF magnetron sputtering Ronaldo MANSANO
PB005	Investigation of Material Properties of Magnetron Sputtered Cu-Ag-In-Se Thin Films Hasan Huseyin GULLU
PB006	Phthalocyanine as a Sensitive Material for Organic Vapour Detection using Acoustic Wave Based Sensors Amani HAMID
PB007	Effect of hydrogenation on defect density and electrical properties of CdTe Baris AKBALI
PB008	Molecular Beam Epitaxial Growth of ZnSe on (211)B GaAs Begum YAVAS
PB009	Characterization of Metal(Ag, Au)/Pc thin film/Semiconductor Structures by Impedance Spectroscopy Technique Cigdem ORUC
PB010	An investigation on characterization of ZnO/p-GaAs structure synthesized by sol-gel technique Fikriye Seyma OZCELIK
PB011	Investigation of Thermally Grown Oxide (TGO) Growth Behaviors of Single and Double Layered Rare Earth Zirconates under Isothermal Oxidation Conditions

	Kadir Mert DOLEKER
PB012	Comparison of Hot Corrosion Behavior of YSZ and YSZ/La₂Zr₂O₇ Double Layer Thermal Barrier Coatings (TBCs) Exposed to Na₂SO₄ and V₂O₅ Salts Yasin OZGURLUK
PB013	Dielectric and Electrical Properties of lead-free Bi_{0.5}Na_{0.5}TiO₃ : BaTiO₃ (BNT-BT) Ferroelectric Thin Films by Pulse Laser Deposition J. S. KIM
PB014	Dimethylamine Borane Oxidation At Metal Nanoparticles Modified Composite Polymer Electrode Cagri Ceylan KOCAK
PB015	Tribological and Corrosion behavior of Cu/Al₂O₃/Graphene Hybrid Nanocomposites Produced by Electroless Coating Mehmet UYSAL
PB016	Characterization of K and Mg Co-Doped BST Thin Films with SrTiO₃ Buffer Layers in Cross-Over Concentration Design Sizhe WANG
PB017	Spectroscopic Study of Film Formation From PS Latex/AgNPs Composites Emre KUCUKKAHVECI
PB018	Nanostructural and Optical Properties of TiO₂ Films Grown By Reactive RF Magnetron Sputtering as a Function of Oxygen Flow Rate Alireza GRAYELI KORPI
PB019	In-situ MgB₂ thin film fabrication on commercial Ni- tapes by e-beam evaporation and their electrical performance Emine ALTIN
PB020	Numerical simulation of the a-Si:H/μc-Si:H tandem solar cell performance sensitivity to the μc-Si:H tunnel junction dopant concentrations and thickness Mohamed Nadjib KATEB
PB021	Growth and Characterization of Gallium Doped Zinc Oxide Thin Films by RF Magnetron Sputtering for Solar Cell applications Enver TARHAN
PB022	Effect of Cu content on TiN-Cu nanocomposite thin films on hardness Parvin BALASHABADI
PB023	SnO₂:F/p-Cu(In,Ga)Se₂/Al Schottky contacts analysis of photovoltaic chalcopyrite thin film absorbers Abdesslam BOULOUBA
PB024	Frequency response of interface states and series resistance in PolySi-oxide-cSi (MOS) and PolySi-cSi (MS) structures

	Nadia DOUKHANE
PB025	Effect of Annealing Temperature on Structural and Optical Properties of NiO Thin Films Deposited by Silar Method Yunus AKALTUN
PB026	Microstructure and wear behaviour of Ti doped Cr–N coatings Ugur SEN
PB027	Ferromagnet/Superconductor Hybrid Thin-Films Erhan ONGUN
PB028	Blue Light Filtering Applications in Ophthalmic and Intraocular Lenses Erdogan OZDEMIR
PB029	Light Gathering Angle and Luminous Intensity Analyses on Power LED Reflector Ipek ATIK
PB030	Probing specific oxides as supports for metal/oxide model catalysts: MgO(111) polar film Inga Tvauri
PB031	Structural and optical properties of ZnO nanorods prepared by spray pyrolysis method Ercan KARAKOSE
PB032	Tight Binding Modelling of Composition and Interface Strain Effects in Nanoscale Epitaxial and Colloidal Heterostructures Hilmi UNLU
PB033	Effects of Interface Strain and Growth Temperature on Optical and Dielectric Properties of CdSe and CdSe/ZnS Nanocrystals M. Rezaul KARIM
PB034	Synthesis and Characterization of Tm-doped ZnO Nanorods Hakan COLAK
PB035	Synthesis, Characterization and Modelling of CdSe/Cdx Zn1-xS (0 ≤ x ≤ 1) Core/Ternary Shell Nanocrystals Hadi S. PISHEH
PB036	Synthesis, Characterization and Modelling of ZnSe/Zn(Cd)S Core/Shell and ZnSe/Zn(Cd)S /Cd(Zn)S Core/Shell/Shell Nanocrystals Negar GHESHLAGHI
PB037	Improved Raman Scattering from Flower-like Silver Nanostructures on Porous Silicon A. CETINEL
PB038	Design of solar cells p+/n emitter by spin-on technique A. EI AMRANI
PB039	Comparison between Screen Printed Phosphorus Diffusion Pastes on Multi-Crystalline Silicon Solar Cells

	F. TIOURA
PB040	A comparative Tight binding and DFT study of Structural and electronic properties of wurtzite and zincblende Al_{1-x}In_xN Abdelhakim MEZIANIA
PB041	Electrochemical characterization of electro dialysis heterogeneous ion exchange membrane modified by clay nanoparticles A. SEIDYPOOR
PB042	Electrochemical Properties of Novel Sandwich-type Phthalocyanines Saziye ABDURRAHMANOGLU
PB043	Produced to transition metal doped, Dy: ZnO and Dy: MgO thin films by Chemical Spray Pyrolysis method and investigation to the thin films structures Sevda SARITAS
PB044	Chemical Deposition of Nanocrystalline Cu Doped ZnS Thin Films and Optical Properties Reza SAHRAEI
PB045	Characterization ultra-fine particulates by Scanning Electronic Microscopy , X-ray diffraction and Raman Microscopy in the Workplace Kahina SLIMANE
PB046	Fine silver powders for photovoltaic cells Naima MOUDIR
PB047	Tribological Improvement of Stellite® using diamond like carbon coatings Ricardo Assunção SANTOS
PB048	Quasi-steady state plasma distribution produced by a moving electron beam with constant velocity for coating J. W. YU
PB049	The effects of carrier gas on 3D-2D transition of GaN Ilkay DEMIR
PB050	Carbon Nanotube Modification by Rotating Bed Plasma Chemical Vapor Deposition Mehmet GURSOY
PB051	Investigating structural and mechanical properties of TiVZrN graded composite coatings Levent KARA
PB052	Effect of Temperature on Poly Crystalline Zinc Oxide Thin Film Transistors Naceur SOUFIANE
PB053	Metallization of Carbon Fiber-Reinforced Composite Materials with Magnetron Sputtering Sehriban Zeybek and Hatice Ilhan
PB054	Optical Characterizations of Chemical Bath Deposited CdS Buffer Layers for Solar Cell Applications

	Ayten Cantas
PB055	Surface Resistance of Electro and Thermal Annealed ITO/Au/ITO Multilayered Thin Films Hasan Koseoglu
PB056	Deposition of ITO Thin Films by Large Area DC Magnetron Sputtering Ece Meric
PB057	Effect of Process Parameters Carburizing on Microstructure and Microhardness in Surface Layers of Steels Younes BENARIOUA
PB058	Temperature Dependence of Resistivity and Hall Coefficient in Cu₂ZnSnS₄ for Thin Film Solar Cells Fatima Gülşah Akça
PB059	Polyol-assisted Electroless Plating of Silver Nanoparticles onto Silicon Carbide Micropowder Samira Kacı
PB060	ICP-CVD Grown Nanostructured Carbon Films Fethi Olcaytuğ
PB061	Adhesion Improvement for Parylene Layers by Plasma Pre-Treatment and Sample Handling over a Load-Lock System Fethi Olcaytuğ
PB062	Tungsten Oxide–Organic Framework Thin Films Composed of Hybrid Nanofibers Exhibiting Reversible Electrochromism Çiğdem Dülgerbaki
PB063	Terahertz Response Properties of Microwave Kinetic Inductance Detectors (MKIDs) made of Ultrathin Superconducting Films Daiki Oka
PB064	Micro Arc Oxidation Coatings on Mg alloy with addition of Nano-Al₂O₃ Additive Aysun Ayday
PB065	Protective Properties of Poly(N-methylpyrrole) Film on ZnNi Plated Carbon Steel Adurrahman Akdağ
PB066	Optical Constants and Optical Dispersion Parameters of Calixamide Nanofibers By Electrospinning Murat Yıldırım
PB067	A New Helium Diffraction System Setup To Characterise Pfp Films Adem Yavuz
PB068	Temperature Triggered Transparency of THz Filters based on Vanadium Dioxide Thin Films Hurriyet Yuce
PB069	Bi₂Sr₂CaCu₂O_{8+x} Thin Films Grown by DC Magnetron Sputtering for Terahertz Applications Yasemin Demirhan

PB070	Effects of Substrate Temperature on Material Characteristics of Sputtered Aluminum doped ZnO Thin Films Ozge Bayrakli
PB071	Magnetron Sputtered Thin Film of Shape Memory Alloys and Their Characterizations Sina Rouhi
PB072	Characterization of ~400 nm thick FeSe thin films fabricated by thermal evaporation method K. Onar and M. E. Yakinci
PB073	Layer by layer formation and characterization of FeTe_{0.5}Se_{0.5} single crystalline thin films prepared by thermal evaporation technique M. E. Yakinci and K. Onar
PB074	Graphene Based Wide-Band Metamaterial Absorber for Solar Cells Application Patrick Rufangura, Cumali Sabah
PB075	Recent Advances in Coating Applied to Ophthalmic Lenses Erdoğan Özdemir
PB076	ZnS QDs Application Potential in QD-Sensitized Solar Cells Sabit Horoz
PB077	Optimized preparation of ZnO:B hazed contact layers for a-Si:H/μc-Si:H thin film solar cells with light trapping effect Fedor Kurdesau