

## SATF2018 Poster Session B

September 20, 2018 Thursday

#74	Bachir Messaid	Optimization of the absorbent layer CISe deposited on the glass substrate by Spray pyrolysis
#112	Kaveenga Koswattage	Determination of Ag-S interface of L-cysteine on silver surface
#113	Menekse Sakir	Seed-Mediated Growth of Metallic Nanostructures on End-grafted Polymer Thin Films
#115	Fatma Nur Tuzluca	Hydrothermal synthesis of ZnCo <sub>2</sub> O <sub>4</sub> electrode material for supercapacitor applications
#121	Roya Ebrahimi Viand	Numerical Solution to KPZ Equation for Radial Interfaces
#123	Gülçin Dönmez	CVD Graphene Contact Electrode for ZnO/Graphene based photodetectors
#124	Yasar Ozkan Yesilbag	Mesoporous NiCo <sub>2</sub> S <sub>4</sub> nanostructures grown on 3D graphene-nickel foam for supercapacitor applications
#125	Mostafa Dadashbaba	Spectral Artificial Diamond Growth and Boron doped by HFCVD method To use in bits
#126	Rabea Rahmoune	Optical Characterizations of PVA/Porous SiC powder based Composite Thin Films
#129	Mulla Ahmad Basha	Study of interface induced structure and magnetic properties of Gd/Co multilayer films
#130	Ebru Senadim Tuzemen	Investigament of Atomic Force Microscopy and Optical Properties of Graphene Nanowalls (GNWs)
#134	Bakri Rezika	Fabrication of Silicon nanowire/Cu <sub>2</sub> O nano-heterojunctions by electroless deposition technique for photodegradation of methylene bleu in visible light
#136	Ranjan Kum Ghadai	Investigation of Structural and Mechanical Properties of DLC Thin films in Reduction Atmosphere
#138	Lyes Zougar	Influence of Oxygen Flow Rate on the Spraying of Aluminum Oxide (Al <sub>2</sub> O <sub>3</sub> ) for Silicon Surface Passivation
#139	Noureddine Madaoui	Influence of substrate bias voltage of titanium oxynitride coatings deposited by PVD on the structure, composition and properties
#140	Adam Barcz	The Effect of Dislocation Density on the Penetration of Au from the Metal Contact into GaN
#141	Lutfi Arda	Preparation, growth, microstructure and optical properties of nonvacuum Cu/Co co-doped ZnO thin films
#142	Maciej Kozubal	Ion Implantation Several-µm-Deep Electrical Isolation in AlGaAs/GaAs Quantum Cascade Lasers
#143	Andrzej Taube	Design, fabrication and characterization of high voltage AlGaIn/GaN-on-Si HEMTs with various field-plate structures
#144	Gulsah Aydemir	Growth and Characterization of ZnO Nanostructures on Porous Silicon Substrates: Effect of Current Density
#146	Mustafa Akyol	Effect of Deposition Pressure and Power on the Perpendicular Magnetic Anisotropy in Hf/CoFeB/MgO Multilayer Structure
#147	Gokhan Utlu	The thickness and temperature dependence of ZnO thin films on Si (100) substrate deposited by thermal evaporation
#148	Koray Sevim	Thermal Transport Properties of 2-D Graphene with Carbon Chain
#150	Gurcan Aral	Compressive mechanical properties of nickel nanowires coupling of the pre-oxide shell layer and the size
#153	Reza Madanypoor	Effect of bias voltage on structure, morphology and hardness of ZrN coating deposited by reactive magnetron sputtering
#154	Abdesselam Bouloufa	The Effects of Annealing in Air, Argon and Selenium on Optical Properties of CuGa <sub>0.3</sub> In <sub>0.7</sub> Se <sub>2</sub> Thin Films
#158	Bright Amer	Aluminum-doped hydrogenated amorphous silicon carbon (a-SiC:H(Al)) by co-pulverization DC magnetron
#160	Ranjeet Brajpurriya	XPS Analysis of Chemical Vapor Deposition Growth of Graphene from Ethanol

#165	Ugur Mert Ulutanır	ITO Coated Touch Sensing Screen
#166	Bengu Ata	Fabrication and Characterization of Magnetron sputtered ITO /Au/ ITO Thin Film Filters
#168	Zemzem Uyanık	Growth of High Quality ITO Thin Films By DC Magnetron Sputtering on Large Area
#170-2	Stefan-Luci Toma	Increasing the Visible Light Photocatalytic Activity of ZnOx Layers by Doping with Nitrogen
#172	Merve Ekmekcioglu	ZTO/Ag/ZTO Thin Films Fabricated on PET Substrates for Large Area Flexible OLEDs
#174	Djamel Ouadjaout	Thermal numerical analysis of crucible induction heating in a crystal pulling (CZ) furnace
#176	Yasin Akbas	Structural and Magnetic Properties of (Ni <sub>80</sub> Fe <sub>20</sub> ) <sub>x</sub> /Cu <sub>(1-x)</sub> Alloy Thin Films
#177	Ceren Yılmaz Akkaya	Hydrothermal-Electrochemical Deposition of Semiconductor Thin Films for Solar Energy Harvesting
#178	Safia Kerour	Synthesis of Cu <sub>2</sub> ZnSnSe <sub>4</sub> Bulk Crystal for Solar Cells Application
#181	Kübra Yakıncı	Enhancements on Transport Properties of HgBaCaCuO (Hg-1223) Superconducting Thin Films by Pre-Coating and Quadruple Heat Treatment
#182	Ozlem Cicek	A Modified Fabrication Route For Tl-2223 Superconducting Thin Films to Obtain a High Critical Current Density
#184	Yasemin Demirhan	ITO Large Scale Thin Film Deposition on Flexible PET Substrates For Solar Cell Applications
#188	Özge Kocahan	Layer-by-Layer System for 2D Materials
#149	A. I. Martinez	Transparent conducting films of Nb and F codoped tin oxide
#41	Dogan Mansuroglu	Plasma Characteristics Aiding the Enhancement of Surface-Modified-Polyethylene
#42	Dogan Mansuroglu	Synthesis and Characterization of TiO <sub>2</sub> Coatings Achieved by a High Power Atmospheric Pressure Axial Injection Plasma Torch
#37	Sabrina Naama	Photocatalytic degradation of azo dye using silicon nanowires modified by grapheme-copper nanocomposite as photocatalyst