

APMAS 2018
8th INTERNATIONAL ADVANCES IN
APPLIED PHYSICS & MATERIALS SCIENCE
CONGRESS AND EXHIBITION

INTERM 2018
5th INTERNATIONAL CONGRESS ON
MICROSCOPY & SPECTROSCOPY

APRIL 24-30, 2018

Sentido Lykia Resort & Spa-Liberty Hotels
Lykia, Oludeniz
MUGLA / TURKEY

PROGRAM (POSTER SESSION – II) THURSDAY, APRIL 26, 2018			
<i>Chairperson: A. Yavuz Oral</i>			
<i>FOYER</i>			
<i>(SUBMISSION ID 601-800 for APMAS2018)</i>			
17:30-18:30	ID	Abstract Title	Contact Author
	601	Aluminum-Doped Hydrogenated Amorphous Silicon Carbon (a-SiC:H(Al)) by Co-Pulverization DC Magnetron	Amer BRIGHET
	602	Structural and optical properties of ZnO thin films prepared by sol-gel method with 1.2 and 1.5 mol/L solution concentrations	Rabie Amari

603	Effects of thickness on the properties of ZnO doped Mn Thin Films grown by Sol-Gel spin coating deposition.	Ammar BOUKHARI
605	Superparamagnetic behavior of Zn and Al substituted cobalt nanoferrites	Justice Msomi
607	Performance Evaluation of Different Air Venting Methods On High Pressure Aluminum Die Casting Process	Aykut Dogan
608	Analysis of Laser Induced Plasma and its application as a standard less approach for the compositional analysis.	Sami ul Haq
610	DEVELOPMENT OF NEW NANOPARTICLE SENSOR SENSITIVE TO ANTIOXIDANTS	Kubilay Güçlü
611	THE EFFECT OF AGING TREATMENT ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF SOLUTION TREATED MAGNESIUM-ZINC BIODEGRADABLE ALLOY	Amir Fereidouni Lotfabadi
612	INFLUENCE OF DIFFERENT ECOQUENCH TEMPERATURE ON HIGH CARBON STEEL WIRE MECHANICAL PROPERTIES	Sevim Gökçe ESEN
613	Investigation of the effect of cnt reinforcement ratio on mechanical and morphological properties of a356 matrix composites	HATİCE EVLEN
615	New turbine rotor design of a conditioning fan	Mohammed OUALI
616	Mass Calculation of Coronal Mass Ejection using Matlab	Mays Mejwel
617	Study, modification, design and manufacture of the fan goes back balls turbine	Rabah MAGRAOUI
618	Preparation painting material of Li-Ni Ferrite	Emad Al-Shakarchi
619	Study the Dielectric Properties of Bi _{2-x} Li _x Pb _{0.3} Sr ₂ Ca ₂ Cu ₃ O _y Compound	Muna Abbas
621	Evaluation of adsorption of heavy metals on prepared copper oxide Nanoparticles	KARIM HASSAN
624	New Equations for Lattice and Electronic Heat Capacities, Enthalpies and Entropies of Solids: Application to Diamond	Abdürrezzak Emin Bozdoğan
625	Investigation of the effect of Y addition on wear properties of Mg-Zn-La-Zr alloy	Huseyin Zengin
631	First-principles calculations for ternary semiconductors CuInSe ₂	Mouna Mesbahi
634	Wind tunnel experiments and CFD simulations for gable-roof buildings with different roof slopes	MUSTAFA ATMACA
635	CFD Analysis of Unmanned Aerial Vehicles Moving in Group	MUSTAFA ATMACA
637	Improved CEEMDAN for Experimental Ultrasonic NDT Signals	Samira DIB
638	Numerical Study of the Effect of Local Charge on Partial Discharges Activity in Polymeric Insulator	Faouzi DJEMMAL
641	Shear strength of recycled aggregates concrete	Khaldoun Rahal

645	Mean Field Analysis of the High Temperature Magnetic Properties of DyIG in high DC fields	Mahieddine Lahoubi
647	SELECTIVE EXTRACTION OF THE MIXTURE OF CHROMIUM (III) AND IRON (III) BY LIQUID-SOLID EXTRACTION IN AQUOUS MEDIUM	afaf REKKAB-AMARA
650	FinFET Technologies and Trends in Evolution	Sreenivasa Rao Ijjada
652	Investigation on microwave absorption of metals for metallic powders formation	MARIAN MOGILDEA
653	Small Tandem Solar Cells Using Al _x In _{1-x} As / Ga _y In _{1-y} As	AMIRI Benameur
654	New polymer-metal composite materials poly[4-(pyrrol-1-methyl) benzoic acid] film-cobalt(0)	Hakimi Nesrine
655	test	test test
656	Prediction of The Fracture Voltage of Tio ₂ -Doped Zno-Bi ₂ o ₃ -Mno-Coo Ceramics Produced by The Chemical Precipitation Method with Using Artificial Neural Networks	Seher ARSLANKAYA
661	Effect of Ageing Temperature on Corrosion Resistance and Electrical Conductivity of AA7075 Produced by Powder Metallurgy Method	Ijlal Şimşek
663	Effect of carbon nanotube content on the wear behaviours and electrical conductivity of Cu-CNT composites produced by powder metallurgy method	Musa Yıldırım
664	An investigation of the wear behaviours and electrical conductivity of nano Al ₂ O ₃ particle reinforced Cu composites	Dursun Özyürek
665	Determination of Compressive Johnson-Cook Material Parameters for Nimonic 80A superalloy	Mehmet Erdi Korkmaz
666	Effect of annealing and quenching temperature on erosion behavior of poly(methylmethacrylate) for optical transmittance efficiency	Brahim Barka
667	The Effect of Ageing Temperature in T6 Heat Treatment in Mechanical Properties of AA7075	Tansel Tunçay
668	THE NON-ISOTHERMAL KINETIC ANALYSIS OF THE THERMAL DECOMPOSITION OF HALLOYSITE BY DTA-TG	amina raghdi
669	The Effect of Milling Time on Microstructure and Wear Behaviours of AISI 304 Stainless Steel Produced by Powder Metallurgy	Bekir Yavuzer
670	Effect of surface morphology texture of multicrystalline silicon wafers on QSSPC carrier minority lifetime measurements	Djoudi BOUHAFS
672	Carbon Nanotube Yarn: Current Applications and Future Possibilities	Paşa Yayla
674	EFFECT OF CaO ADDITION ON THE PHASE TRANSFORMATIONS ON CORDIERITE PREPARED FROM ALGERIAN KAOLIN AND MgO POWDER	Ismail Lamara

675	SYNTHESIZED AND PHASES TRANSFORMATION OF CORDIERITE-SiC COMPOSITES PREPARED FROM ALGERIAN KAOLINITE, MgO AND SiC	Djaïda Redaoui
679	Mechanical characterization of epoxy composite reinforced with date pits flour	Adel Benchaabane
681	The effect of nanoparticle adhesive on the mechanical properties of glass fiber composite materials	Can Tuncer
682	Study of the optical and structural electronic properties of GaP _{1-x} As _x and GaIn _{1-x} As based materials	MOUGHLI Hassane
686	Analysis of Hole Quality in Drilling of Carbon Fiber Reinforced Polymer Composite with Uncoated WC Drill	Nafiz Yaşar
688	TEMPERATURE DEPENDENT YOUNG'S MODULUS CHANGE IN Al DOPED Fe ₆₄ Ni ₃₆ INVAR ALLOY	Uğur Can Özöğüt
689	Ultrasonic measurements using the prism technique and a model-based estimation algorithm in cement-past materials	Samira DIB
690	NEW ADVANCES IN STEEL INCLUSION DETERMINATION AND 3D GEOMETRICAL MEASUREMENT OF STEEL REINFORCING BARS	Göksel Durkaya
691	Wetting Properties of Sn-(3-x)Ag-0.5Cu-(x)In Quaternary Alloys on Cu Substrate	Ahmet Mustafa Erer
692	Ionic conductivity of PVA-based solid electrolyte material	zahia gharnout
693	Experimental Ultrasonic NDT Signals of Cement paste and mortar Based on Time Frequency Analysis	Samira DIB
696	Resolution of the plate equation according to Timoshenko elastic boundary conditions for steel web profiles	Chems eddine TALEB
701	Open-circuit and short-circuit fault diagnosis for VSI-induction motor drives using mean-RMS values of three phase currents	Abderrezak AIBECHE
703	Template-assisted CVD growth of 3D graphene foam as electrode material in solar cells	Lucia Monica Veca
705	An optimized and Logic gate with high transmission and low losses Based on Y junction	MOHAMED REDHA LEBBAL
706	COMPARISON OF UL-94 AND CONE CALORIMETER BURNING TESTS OF POLYPROPYLENE BASED COMPOSITE MATERIALS	NAZIM USTA
715	Advanced mobile technology for wastewater treatment using nanoparticles filters	Vasilica Daescu
717	A NEW SYNTHESIS METHOD OF MANGANESE DIOXIDE BY Mn ²⁺ IONS COMPLEXATION AND ELECTRO-OXIDATION IN A FILM OF POLYPYRROLE BENZOIC ACID	Nouredine Boudissa
719	Electrical and radiological tests for the characterization of the cavity-ionization chamber of IFIN-HH	ELENA ILIESCU

721	Experimental and numerical study on the compressive behaviour of fiberglass honeycomb core	Boubekeur Mohammed Bilel MERTANI
722	FORMULATION AND STRUCTURAL ANALYSIS OF MICROEMULSION CONTAINING ANTIBIOTIC GATIFLOXACIN	Muhammad Faizan Nazar
724	Measurement of τ polarisation in $Z/\gamma^* \rightarrow \tau\tau$ decays with the CMS detector	Wael Haj Ahmad
726	Seismic Vulnerability Assessment of Reinforced Concrete Frame Structure by Finite Element Analysis	Marijana Hadzima-Nyarko
727	Fabrication of a novel biosensor for the detection xanthine based on thin layer conductive polymer/MWCNT nanocomposite; fish freshness detection	Emre Cevik
736	Considerations on the use of elastic wheels to the urban transport vehicles	Sorin Arsene
738	EFFECT OF DUAL TREATMENT BASED ON SILICON NANOWIRES /AL2O3 ON C-SILICON OPTOELECTRONIC PROPERTIES	Mounir gaidi
742	High DC Field Magnetization of Dy1.5Y1.5Fe5O12 Single Crystal at Low Temperatures	Mahieddine Lahoubi
745	Investigation on The Effect of Delay Time During Pulse Chemical Etching of Porous Silicon Formation	Nurul Hanida Abd Wahab
748	First principles study on the electronic band profiles and optical reponse of Cadmium Pnictogens	Ghulam Murtaza
752	ELASTIC AND THERMODYNAMIC PROPERTIES OF THE GeA2O4 (A = Mg, Zn and Cd) CUBIC SPINELS: AN AB INITIO STUDY	Fares ZERARGA
754	Investigation of CVD graphene modified with Pt nanoparticles for methanol and ethanol electro-oxidation	Loreta Tamašauskaitė-Tamašiūnaitė
755	Electroless deposition of CoB alloys doped with Mn or Fe	Eugenijus Norkus
756	Enhanced activity of CVD graphene decorated with Au nanoparticles towards hydrazine electro-oxidation	Rimantas Vaitkus
758	Investigation of cobalt-boron and platinum-cobalt-boron as anode catalysts for direct borohydride-hydrogen peroxide fuel cell	Aldona Jagminiene
759	Hydrogen generation from sodium borohydride solution catalyzed by PtCoMn/carbon catalysts	Ina Stankeviciene
762	Evaluation of Fracture Toughness and Crack Propagation of Aluminum Alloy 7075-T6 with Chromium Oxide Coating	EKREM ALTUNCU
763	Synthesis of New Materials for Use As Organic Active Layers Characterization of Z (2, 3-diAryl) Acrylonitrile by Cyclic Voltammetry and Impedance Spectroscopy	salima mosbah
766	Semiclassical line broadening calculations using an ab initio potential. Application to CH3F in collision with He	Mohamed DHIB

767	Understanding the reaction mechanism of the regio selective nitration of thymol and carvacrol a DFT study	Sana EL HAMIDI
769	Ab Initio Study of Electronic and Magnetic Properties of Ga _{1-x} CoxN (Doped) and Ga _{1-x-y} CoxCryN (Co-doped)	Nour-ddine Rkhioui
772	Experimental Discharge Characterization of IEC Plasma Device	Gamal Elaragi
775	Calcium-phosphate coatings by Electrostatic Spray Deposition	Elisabeth Djurado
776	Photodielectric response of doped zinc sulfide polycrystalline layers	Vachagan Avanesyan
777	Theoretical investigation of structural, electronic and thermodynamic of Ti ₂ VAs Heusler compound	Djihad Mokhtari
778	Theoretical investigation of Electronic and Magnetic properties of ZnO doped and Co-doped with Vanadium and Silver	Mountaser ES-SEMYHY
779	Direct Electrocaloric Effect Measurements in Lead-Free Ferroelectric Ceramics	Mehmet Sanlialp
782	In Research of The Solid Particle Erosive Wear Behaviour of Different Oxide Based Ceramics Thermal Spray Coatings Before and After Heat Treatment	KUDRET GUZEL
784	adsorption of pentachlorophenol by solids dolomitic	ilhem belarbi
785	Magnetic Phase Diagrams of DyIG revisited at Low Temperatures	Mahieddine Lahoubi
786	Dynamic Mechanical Properties of Carbon black and micron size Silver incorporated PDMS	Vijaya Srinivasu Vallabhapurapu
787	Effect of Particle shape on mechanical behaviour of unsaturated granular medium using DEM elliptical particles	Ali Asghar Mirghasemi
790	FATIGUE PROPERTIES OF STEEL TIRE CORD FILAMENTS UNDER ANTI CORROSION ENVIRONMENT	hayrettin ahlatici
794	Welding dissimilar materials	Zakaria Boumerzoug
797	Relaxation process: Effect of calcium substituent in lead-free BCZT ceramics	Aziz NEQALI
799	Removal of fluoride ions from wastewater influenced by rotating magnetic field	Uyiosa Osagie Aigbe
800	Photocatalytic Characterization of TiO ₂ Nanorods and Nanotubes Synthesized by Sol Gel Template Method	Dr.Ban Mazen Al-Shabender
1067	Synthesis, characterization, thermodynamics and luminescent properties of lanthanide complexes of N'-(2-hydroxybenzylidene)-2-pyridinecarbohydrazide and N'-(2-methoxybenzylidene)-2-pyridinecarbohydrazide Schiff base ligands	Ziyad Taha

	1068	SYNTHESIS, CHARACTERIZATION, CATALYTIC AND BIOLOGICAL ACTIVITIES OF FIRST ROW TRANSITION METALS COMPLEXES DERIVED FROM 2-FURO-N-((2-HYDROXYNAPHTHALEN-1-YL)METHYLENE)BENZOHYDRAZIDE	Ahmed Hijazi
	1077	Photo-Induced Aggregation of Colloidal Metal Nanoparticles	Fedda Alzoubi
	1078	Measurement of Radon Concentration Levels in Soil and Indoors of Kano City, Nigeria	M Alqadi
	1079	MEASUREMENT OF NATURAL RADIATION AND RADON CONCENTRATION IN THE SCHOOLS OF DISTRICT OF AJLOUN, JORDAN	H Al-khateeb