

# Monday (24.06.2013)

Name	Title
Mohammad Reza Rashidian VAZIRI	Investigating the optical properties of gold nanostructures prepared by pulsed laser deposition method
Aliye Alev Kizilbulut	Specular reflectance spectra of GaAs on Ge substrate grown by MOCVD
Ismail ALTUNTAS	Growth conditions and electrical characterization of GaAs grown on Ge substrates by MOCVD
Recep YİĞİT	Nano surface generation of milling process using aluminum oxide nanoparticles
İkram ORAK	DC magnetron sputter deposition technique and nanostructures
Haziret DURMUŞ	Boron thin film production and its analysis
Nursel Pekel BAYRAMGİL	The effects of salts on the morphology of nanofibers obtained by electrospinning
Samet ÖZDEMİR	MBE growth and characterization of self assembled InAs/GaAs quantum dots (QD)
Solmaz KARABULUT	Synthesis and gas permeation properties of nanofiber ROMP polymers
Sefik SÜZER	Surface Science and Nano Science
Fatma GÖDE	The effect of cationic precursor concentration on the structural and optical properties of PbS thin films produced by SILAR
Ilkay DEMİR	The effect of growth rate with constant V/III ratio to the crystal quality of GaAs grown by MOCVD
Turgut KILIÇKAYA	Deposition pressure effect on roughness of YBCO thin films
Ebru Senadim TÜZEMEN	Structural and electrical properties of nitrogen-doped ZnO thin films
Gizem NOGAY	Spectroscopic ellipsometry studies of magnetron-sputtered nc-Si/SiOx systems: Modeling and optical characterization
Burcu ARPAPAY	Characterization of GaSb epi-layers grown on GaSb substrates
Seval ŞAHİN	MBE grown GaSb epi-layers on GaSb substrate: The effect of growth parameters
Ayten CANTAS	Impact of incorporated oxygen quantity on optical, structural and dielectric properties of reactive magnetron sputter grown HfO2/Hf/Si high-k thin film

Mehtap DEMİR	Effect of polarization and interface roughness on the transport properties of AlGaIn/GaN heterostructure
Ayşe SEVİK	Electrical characterization of GaAs/AlGaAs double barrier resonance tunneling structure
Zeynep KARCIOĞLU KARAKAŞ	The effects of heat treatment temperature above adsorptive properties of the nickel ferrite nanoparticles synthesized with microwave method
Ahmet ORAL	Atomic resolution observation of a soluble crystal:gypsum in liquid by non-contact AFM
Berkin ULUUTKU	Investigating the effect of lateral tip stiffness on atomic-resolution force field spectroscopy
Erdal SÖNMEZ	Identification of monolayer of organic groups and DNA primers on nanoparticles by Atomic Force Microscope (AFM)
Hülya ÖZTÜRK	Free surface effect on the stresses of the InN/GaN bicrystal
Ece ÖZKAN	Nano-mechanical properties of nanoscale vanadium oxide thin films
Ozgun Boray YURDAKOS	Space lift design
Ozgun Boray YURDAKOS	Space elevator
Huseyin UVET	MMT-based non-contact single particle loading and dispensing system on a microfluidic chip
Mohamed A. AL-BUKHAITI	Tribological and mechanical properties of Ti/TiAlN/TiAlCN nanoscale multilayer PVD coatings deposited on AISI H11 hot work tool steel
Kerim YAPICI	Finite volume solution of mixed convection heat transfer of Al <sub>2</sub> O <sub>3</sub> -water nanofluid in a lid-driven cavity
Naciye İLHAN	Rheological behaviour of TiO <sub>2</sub> nanoparticles dispersed in various based fluids
Şahika SAĞLANMAK	Non-newtonian behavior of alumina-EG nanofluids
Bayram YILDIZ	A review on nanofluids
Shahin Khameneh ASL	Effect of palladium catalyst increase on hydrogen gas sensing properties of titanium oxide nanotube arrays
Abdurrahman GUMUS	Real-time biophysical monitoring of small animals using autonomous microsystems
H. Mustafa ÇAKMAK	Gas sensing characteristics of tin dioxide thin film to humidity
Sibel KACMAZ	A nano-based fluorescent optical chemical sensor for Cu (II) ions

Sibel KACMAZ	Multi-functional fluorescent nanosensor for pH and Ag (I) ions
Sibel KACMAZ	A nano-based optical sensor for pH/Ag(I) ions prepared by electrospinning
Asuman CENGİZ	TiO <sub>2</sub> nanowires on different substrates and their gas sensing application
Ragibe Hulya ABAY	Polypyrrole based amperometric biosensor modified by nanomaterials
Esiye Irem BAYRAM	The effect of nano zinc oxide, zinc-iron oxide and copper-zinc-iron oxide on poly(o-anisidine) and chitosan based amperometric glucose biosensor
Dilek ÇAM	A novel DNA sandwich hybridization based detection platform for telomerase activity
Yaghoub Rezaei-KOMAROLYA	Gas-sensing properties of SnO <sub>2</sub> / MWCNTs nanocomposite
Seda Nur TOPKAYA	Hybridization detection with electrochemical biosensor systems
Ali GULEC	V <sub>2</sub> O <sub>5</sub> and MoO <sub>3</sub> thin film sensor for human breath
Cem BAYTORE	QCM VOC gas sensors by using Calixarene molecules with different functional groups
Ahmet AVCI	Boron nitride-MWCNT/epoxy hybrid nanocomposites:Preparation, mechanical and thermal properties
Mehmet UĞURLU	TiO <sub>2</sub> , V <sub>2</sub> O <sub>5</sub> and W <sub>2</sub> O <sub>5</sub> supported on activated carbon: Preparation, structural and catalytic behaviour in photocatalytic treatment of tekstile wastewater
Seyed Hossein TOHIDI	Characterization of sol-gel derived CuO@SiO <sub>2</sub> nano-catalysts towards gas-phase reactions
Esma AHLATCIOĞLU	Preparation and characterization of poly (aniline) nanoclay composites
Fatma KAYACI	Preparation of polymer-ZnO electrospun nanofibrous composites by using atomic layer deposition and their photocatalytic activity
Janan M.ALİ	Effect of annealing time on the structural and optical properties of ZnO: Ge nanocomposite films prepared by RF magnetron sputtering
Sara FOULADGAR	Hantzsch reaction using Nano-SnCl <sub>4</sub> .SiO <sub>2</sub> under solvent free condition
Kübra Zeynep EKİNCİ	Synthesis and characterization of boron nitride nanoparticle/sulfonated polysulfone/polyvinyl phosphonic acid composite membranes
Seyed Farshid Kashani-BOZORG	Formation of Al <sub>2</sub> O <sub>3</sub> /steel nano-composite surfacelayer on mild steel using friction stir processing
Ömer EROĞLU	P(Acrylonitrile-co-Methylacrylate)/thiophene core shell structured nanocomposite

Marzieh NADAFAN	Optical characterization of polyurethane close cell /SiO <sub>2</sub> nanocomposites
Meysam FIROUZI	Quantitative determination of propranolol in human plasma by a new stir bar sorptive extraction coating based on polyaniline- carbon nanotube composite
Fatma Zohra ZEGGAI	Chemical synthesis of nanocomposites via intercalative polymerisation of 4-aminobenzyl amine and aniline using exchanged montmorillonite as dopant
Ghillal YAMINA	Effect of the intercalated cation-exchanged on the properties of nanocomposites prepared by 4-bromo-aminobenzene with aniline and montmorillonite
Bekhames KHEIRA	Synthesis and characterization Poly(2,5-dimethoxylaniline)–MWNTs conductive nanocomposites by oxidative polymerization
Ahmet ÖRNEK	Chemical and physical behaviours of carbon sources on the nano-scale LiFePO <sub>4</sub> cathode surface
Murat KIRANŞAN	Prediction of the forming mechanism of poly(ethylene-oxide)/montmorillonite nanocomposites from nitrogen adsorption isotherms
Aydin HASSANI	Preparation and characterization of poly(ethylene-oxide)/clay–silica nanocomposites
Kader YIKILMAZ	Thermal properties of poly(ethylene-oxide)montmorillonite nanocomposites prepared using by sol-gel method
Ahmet ÖRNEK	Characteristics of LiMg <sub>x</sub> Fe <sub>1-x</sub> PO <sub>4</sub> -C (x = 0.05 - 0.20) nanocomposites as a cathode material for lithium-ion battery
Burak KOCAER	Electronic conduction mechanism of the La <sub>0.9</sub> Ca <sub>0.1</sub> FeO <sub>3</sub> perovskite compound
Khadijeh KHEDERLOU	Effect of organoclay content on rheology of polyethylene blend/clay nanocomposite films
Mehmet UYSAL	Preparation of Sn/Al <sub>2</sub> O <sub>3</sub> multilayer composite materials by pulse electrodeposition for Li-ion batteries
Elif DAŞ	Comparison of two different conducting polymer/carbon composites as support material for Pt nanoparticles
Ridvan KARAPINAR	Nano-particles in a single-component nematic liquid crystal
Selim Kaan YAZICI	Effect of incorporating carbon nanotube into electrolyte on surface morphology of micro arc oxidized Cp-Ti
Zeki CANDAN	Developing environmentally friendly wood composite panels by nanotechnology
Sedef ILK	Decolourization of azo dye Reactive Red 5 by immobilized laccase to nanocomposite Poly(MA-alt-MVE)/ODA-MMT
Yücel KABAKCI	Innovation for atomic layer deposition with web coating system
Ramazan DEMIRBOGA	Micro and nano structural properties of palm oil fuel ash geopolymers binder

Leslie F. PERIK	Effect of NaOH activator on the formation of micro-structure in coal fly ash-based foamed geopolymers
Lachin TOOPCHILARI	Using nanoparticles in modern architecture
Suat ÇETİNER	Polypyrrole based nanocomposites for conductive textiles
Suat ÇETİNER	Development of silver nanoparticles on P(AN-co-VAc) nanofibers prepared by electrospinning
Çağdaş ASLAN	Characterization of polyester fabrics treated by nano-Ag/TiO <sub>2</sub> antibacterial finishing agent
Esra Serife PAMPAL	Characterization of ultrafine PA nanofibers produced via mimicking silk
Mehmet Gökhan ŞENSOY	Density functional theory investigation of CO, CO <sub>2</sub> and H <sub>2</sub> O activation on $\gamma$ -Al <sub>2</sub> O <sub>3</sub> supported Pt clusters
Ashok VASEASHTA	Innovations acosystem in nanotechnologies supporting safety, security and sustainability
Bahattin TURETKEN	Nanoelectronics for passive radiometric system: Detection of weapon covered with clothes
Filiz YANGILAR	New technology in food packaging: Nanocomposite
Pınar OĞUZHAN	Nanotechnology in food industry
Necila OZDEMİR	Nanoencapsulation in food technology
Ali Izadi-DARBANDI	Synthesise of ZnO Nanopowder by precipitation method
Nazmiye ZENGİN	Evaluating of genotoxicity of monosodium glutamate using sister chromatid exchange formation in human lymphocytes
Leila ARDEBİLİ	Study of probabilistic risks of using nanoparticles in medicine and industry for human health
Osman SAHİN	Influence of nickel addition on the knoop microhardness behaviour of biomedical CoCrMo alloys
Suleyman UZUNOGLU	Vickers microhardness measurements of ASTM F75 CoCrMo alloys added Pd
Meltem CETİN	Preparation and in vitro characterization of metformin HCl-loaded PLGA nanoparticles
Osman ŞAHİN	Effect of addition of nickel to CoCrMo alloy on corrosion properties in artificial saliva solution
Elanur AYDIN	Evaluation of cytotoxic, genotoxic and oxidative responses of nano-particles of graphene oxide on cultured human blood cells

Başak TOGAR	Evaluation of genotoxic and cytotoxic effects and oxidative damage with nano-hydroxyapatite in human lymphocyte cells
Yasemin SAYGILI	Evaluation of the genotoxic effects of copper oxide nanoparticles in human lymphocytes by sister chromatid exchanges
Mine ALTUNBEK	Influence of carbohydrate modification of ZnO nanoparticles on cellular toxicity
Abdülkadir ACARCA	Spectrophotometric determination of chondroitin sulfate with film optodes

## Tuesday (25.06.2013)

Ayşe KÜÇÜKKUŞ	Composite nanoporous water filters for enhanced water purification
Akif ÖZTÜRK	Use of BDST and Thomas model for prediction of Basic Yellow 2(BY2) adsorption efficiency of manure ash in fixed bed column
Ahad Bavili TABRİZİ	A nanoparticle-based solid-phase extraction procedure followed by spectrofluorimetry to determine carbaryl in different water samples
Khalil. A. Al-HATAB	Cyclic oxidation kinetics and oxide scale morphologies developed on IN 617 alloy
Melek TURKSOY	Photoelectron spectroscopy studies of titanium oxy-nitride fabricated by magnetron sputtering
Oguz Kaan OZDEMIR	Preparation of graphene supported Co-B alloy catalysts by simultaneous chemical reduction
Oguz Kaan OZDEMIR	Effect of pulse electrodeposition parameters on the electrochemical properties of low loaded Pt catalysts for PEM Fuel Cell
Yasin POLAT	The comparison of characterization before and after electrical conductivity measurements of nanoceramic-(Bi <sub>2</sub> O <sub>3</sub> ) <sub>1-x</sub> -y(Sm <sub>2</sub> O <sub>3</sub> ) <sub>x</sub> (Yb <sub>2</sub> O <sub>3</sub> ) <sub>y</sub> ternary system
Metin GENÇTEN	The temperature effect on the electrochemical behavior of the lead electrode in gel electrolyte
Metin GENÇTEN	The effect of alumina on the electrochemical properties of the gel electrolyte system
Mehmet Okan ERDAL	Low temperature thermoelectric properties of NaCo <sub>2</sub> O <sub>4</sub> thermoelectric material prepared by electrospinning technique
Mehmed Selim ÇÖGENLİ	Sputtered cathode electrode with Low Pt loading for high performance PEM fuel cell
Mekkaoui HOURIA	New low bandgap conjugated polymer derived from poly [(thiophene-2, 5-diyl)-co-(benzylidene)]: Synthesis and photovoltaic properties
Berk Berkan TURGUT	A grating based back reflector for thin-film solar cells
Gamze TAN	Nanoethical issues: Opportunities beyond concerns

Riyad Abdullah FATHI	Phytoremediation potential of maize (Zea mays L.) seedlings for heavy metals nanoparticles uptake
Hana S. Al-SALIH	Ability to accumulate heavy metal nanoparticles by callus culture of maize Zea mays
Shahriyar KARIMDOUST	Environmental effects of using nanoparticles in science and industry
Nilgün ÖZDEMİR	Possible toxic effects of engineered nanoparticles (ENPs) on aquatic organisms
Mustafa ÇULHA	Quantum dot modification with carbohydrates via silica coating for decreased toxicity
Hatice Duran YILDIZ	Superconducting cavity simulation for production of laser with nano-meter wavelength
Murat GÜLNAHAR	Temperature dependent current-voltage and capacitance-voltage characteristics of an Ag/n-InP Schottky diode
Betül GÜZELDİR	Preparation and characterization of undoped and In doped vanadium oxide films produced by spray pyrolysis
Mehmet TAMER	Mosaic defect properties of AlInN/AlN/GaN high electron mobility transistor structures
Kağan YURDAL	Electrodeposition of thin films from Ti and Ni ion precursors
Zeynep BAZ	The effect of doping on the carbon based thin films produced by ECR MW plasma system
Taner ZERRİN	The optical and structural properties of ITO thin films prepared by reactive RF magnetron sputtering
H. Rasoul NEJAD	TiO <sub>2</sub> nano grains deposited as the thin films by spray pyrolysis of an aerosol system
Hilal SAĞLAM	Triple mesa structures from high temperature superconductor Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+δ</sub> (Bi2212) for terahertz emission
Mehmet Emin ERGÜN	Nanofibrillated cellulose production and modification
Arda AYTİMUR	Calcia stabilized ceria doped zirconia nanocrystalline ceramic
Mustafa ÇULHA	Synthesis of boron nitride from boron oxide
Celal KURŞUN	Fabrication and microstructural evaluation of Cu <sub>50</sub> Mg <sub>25</sub> Ni <sub>25</sub> nanocrystalline powders by mechanical alloying technique
Celal KURŞUN	Synthesis of nanocrystalline phases in Mg-Cu-Ni powders prepared by mechanical alloying
Ebru BOZKURT	Molecular Dynamics of Coumarin 120 in Reverse Micelles Containing Nano-sized Water Pools

A.R. KHATAEE	Hydrothermal synthesis and characterization of Sm-dopedCdSe nanoparticles with increased visible-light photocatalytic activity
Mehmet ÇABUK	Synthesis, characterization and antimicrobial activity of biodegradable conducting polypyrrole-graft-chitosan copolymer
Hilal BİLGİN	Antibacterial properties of ZnO-nanostructures on chitin biopolymer
Serik FAZYLOV	Synthesis and antibacterial activity of N-Methyl-1-[R-phenyl]fullerene-C60[1,9c]pirrolidines
Güven TURGUT	Characterization of boron doped ZnO thin films
Güven TURGUT	Investigation of Si doped ZnO thin films
Bilal ARİF	Electrical and optical properties of Co-doped Al-Sn, ZnO nanostructures by Sol-gel method
Yunus BAŞ	Reciprocal mapping of InGaN/GaN blue light emitting diode structures
Mehmet ATES	Dispersibility of silver nanoparticles in organic solvent systems
Ilhan CELİK	Mechanical, structural and tribological properties of anodized ultra-fine grained pure titanium
Ersin YÜCEL	Optimization of deposition conditions of CdS nano-structured thin films using statistical methods
Onder SUNETCI	Characterisation of poly(dimethylsiloxane)-containing anticorrosion coatings
Harun YANAR	Development an ultra-high strength Cu-Cr-Zr alloy without notably sacrificing the ductility and electrical conductivity by dispersion of nano-sized precipitates inside ultrafine-grained microstructure
Bünyamin ŞAHİN	Effect of doping and annealing on structural and optical properties of
İsmail İLİMBEY	Use of n-type semiconductor silicon as substrate material for electrodeposition of Zn <sub>1-x</sub> Fe <sub>x</sub> alloy thin films for electrodeposition of Zn <sub>1-x</sub> Fe <sub>x</sub> alloy
Rasim ÖZDEMİR	Electrodeposition and properties of Zn, Cu, and Cu <sub>1-x</sub> Zn <sub>x</sub> thin films
Javad Safaei-GHOMI	Mild Synthesis of new fulleropyrazolines through the reaction of [60]fullerene with phenylhydrazones and PhI(OAc) <sub>2</sub>
Gökçe S. AVCIOĞLU	Engineering of PEM fuel cell catalyst layer with hydrophobic nanoparticles
Reihaneh MASOOMI	Ultrasound-promoted a green and efficient procedure for one-pot synthesis of fulleropyrazolines mediated by (diacetoxyiodo)benzene
Ersin YÜCEL	Determination of optimum deposition conditions of ZnS thin films using statistical approach

Burak BÜYÜKBEKAR	Fabrication of Cu <sub>2</sub> ZnSnS <sub>4</sub> (CZTS) nanofibers via electrospinning
Selda SEZER	Synergetic effects of some borax compounds on the flame properties of Halloysite-PMMA nanocomposites
Mehmet Emin KILIC	Structural properties of defected ZnO nanoribbons under uniaxial strain: Molecular Dynamics Simulations
Mehmet Emin KILIC	Structural properties of pristine and defected ZnO nanosheets under biaxial strain: Molecular Dynamics Simulations
İdris CANDAN	Characterization of co-evaporated Cu-Ag-In-Se thin film by the physical vapor deposition
Zeynep AYTAÇ	Electrospun polyacrylic acid nanofibers incorporating cyclodextrin inclusion complex of quercetin
Aslı ÇELEBİOĞLU	The green and one-step synthesis of gold nanoparticles (Au-NP) incorporated in electrospun cyclodextrin (CD) nanofibers
Maryam SHATERIAN	Synthesis, characterization and optical properties of LaMnO <sub>3</sub> nanocrystals
İdris CANDAN	Growth and optimization of ZIT thin films for photovoltaic applications
Burcu YATIR	Growth of n-Type ZnO nanostructure on p-type silicon: Optoelectronic characterization of nanosemiconductor materials
Gamze KILIÇERKAN	Structural characterization of aluminum induced polycrystalline silicon films
Gamze BOZKURT	Synthesis and characterization of CuO at nanoscale
Asma KHOABI	Determination of hydroxychloroquine in the presence of acetaminophen based on a new self-assembled monolayer modified glassy carbon electrode
Zeynep BAZ	Fabrication and characterization of the carbon based thin films
Süleyman KERLİ	Synthesis and characterization of hollow spherical In <sub>2</sub> O <sub>3</sub> nano-structures
Sibel Morkoç KARADENİZ	XRD and SEM results of WO <sub>3</sub> thin film deposited on quartz glass
Abbas MEHRDAD	Kinetic study of ultrasonic degradation of Methylene Blue in the presence H <sub>2</sub> O <sub>2</sub> and ZnO nano particles
Burak ÖZDEMİR	DFT+U investigation of CO and Au adsorption on CeO <sub>2</sub> surfaces: Effect of site-specific U
Neşe ERTUGAY	Decolorization of direct Blue 71 by using UV irradiation and ultrasound in the presence of TiO <sub>2</sub> nanoparticles
Gülkız ERDOĞAN	ZnO nanostructure deposited by using simple chemical bath deposition technique

Sadek SHAKSHOOKI	Facile synthesis of polystyrene/nanosized zirconium phosphate composites
Süleyman KERLİ	Hydrothermal synthesis of flower-like Y <sub>2</sub> O <sub>3</sub> nanosheet aggregates
Ali Tuncay ÖZYILMAZ	Construction of amperometric carbon paste enzyme electrode modified by nanoparticles for detection of Glucose
A. Kadir ÖZER	Structural characterization of silica xerogels
Betul ERTEKİN	Synthesis and characterisation of polyaniline/Ignimbrite nanocomposite material
Zahra DEGHANI	Influence of alignment configuration on the nonlinear optical properties of nanoparticles doped nematic liquid crystal
Burak DİKİCİ	Effect of aging treatment on corrosion susceptibilities of biomedical nanostructured $\beta$ -type titanium alloys through severe plastic deformation
Burak DİKİCİ	The effect of sintering temperature on the corrosion behavior of aluminium based metal matrix composites reinforced with in-situ TiC nanoparticles
Mehmet ERKUS	Growth and characterization of InAs <sub>1-x</sub> Sb <sub>x</sub> alloys without buffer layer on semi-insulating GaAs substrates by MBE
Neşe ERTUGAY	Decolorization of Direct Blue 71 by sono, photo and sonophotocatalytic oxidation in the presence of ZnO nano-size
Sebnem YAZICI	Electrical and optical properties of large area grown ITO
Münevver Zeynep SELÇUK	Synthesis of Pt, Ag, Ni nanoparticles-decorated reduced graphene Oxide/TiO <sub>2</sub> composites and photoelectrochemical performances
Sadna ISIK	Nano biomaterial as a filling media of pilonidal sinus and anal fistula
Gökhan SÜRÜCÜ	Structural, electronic and optical properties of hexagonal Si <sub>1-x</sub> GexC alloys
Barış KINACI	The structural and morphological characterizations of GaAs/Ge structure
Fatma Nese KOK	Mg-hydroxyapatite deposition on (Ti,Mg)N thin film coated surfaces
Nihan AKIN	Effects of substrate temperature on the structural and optical properties of aluminum-doped zinc oxide thin films prepared by RF magnetron sputtering
Demet TATAR	Growth of GaSeTe thin films by spray pyrolysis technique on different substrates
Serhat ÖZ	Investigation of PbTe thin films electrodeposited on ITO
Mehmet YILMAZ	Studies of LiNiO <sub>2</sub> cathode material prepared by solid state reaction technique for Lithium-ion batteries

Yunus ÖZEN	Dislocation densities' comparison of the graded and ungraded InGaN solar cell structures
Erdi AKMAN	Improvement of physical properties of ZnO thin films by Tellurium doping
Iraj KHALILI	Chitosan as an adjuvant for preparation of inactivated influenza vaccine
Nurşen SARI	Nanoplatfroms attached schiff bases for use of glucose oxidase enzyme as biocatalysis
Senem KARAHAN	In-situ generation of magnetically recoverable cobalt(0) nanoclusters in the hydrolysis of hydrazine borane
Senem KARAHAN	Highly active and cost effective nickel(0) nanoparticles: A catalyst in the hydrolysis of hydrazine borane

## Wednesday (26.06.2013)

Khalid Mujasam BATOO	Magnetic and Mössbauer properties of Cu <sup>2+</sup> substituted cobalt ferrite nanoparticles
Ayşe UZGÖREN BARAN	Microwave-assisted rapid synthesis and characterization of Poly[NIPAm-co-(MA-alt-2,3-2H-DHP)]/ODA-MMT nanocomposites
Yusuf ERDOĞDU	Theoretical studies of transition-metal-centered boron wheels: Ti@B <sub>10</sub> – Anion
Yusuf ERDOĞDU	Computational investigations of dodeca-coordinated rhodium doped boron clusters: Rh@B <sub>12</sub> –
Yusuf ERDOĞDU	Transition-metal-centered eight and nine-membered boron rings: Ti@B <sub>9</sub> – and Ti@B <sub>8</sub> –
Mehmet KAYA	Synthesis and characterization of Rhodamine B (Rh-B)/Unye Bentonite (U-BNT) nanocomposite
Tuba TARHAN	Glucamine modified magnetic nanoparticles for the removal of boron from Seawater
Behrouz SHAABANI	Preparation, characterization and photocatalytic activity of nano-sized SnO <sub>2</sub> /CuO coupled photocatalysts
Aydin HASSANI	Flow-injection chemiluminescence determination of vancomycin using CuO nanoparticles enhanced luminol-hydrogen peroxide system
Iran SHEIKHSHOAIE	Preparation of molybdenum(VI) oxide nanoparticles by direct calcination
Vahid SAFARIFARD	Sonochemical syntheses and characterization of nano lead(II) iodide triazole carboxylate coordination polymer; precursor for preparation of lead(II) oxide/iodide nano-structures
Mehmet ATES	Effects of exposure of engineered nickel oxide and cobalt oxide nanoparticles on artemia
Bekir Zühtü UYSAL	Production of carbon nanotubes from synthesis sas in a fluidized bed

Orhan BÜYÜKGÜNGÖR	Sonochemical syntheses of strawberry-like nano-structure mixed-ligand lead(II) coordination polymer
Hakan ÇİFTÇİ	Electrochemical copper (II) sensor based on chitosan covered gold nanoparticles
Morteza ENHESSARI	Synthesis, characterization and magnetic properties of cobalt ferrite nanoparticles
R. TOPKAYA	Yafet–Kittel-type magnetic order in Zn-substituted cobalt ferrite nanoparticles
Dursun EKMEKÇİ	Microstructural characterization of electroless Ni-B composite coatings reinforced by SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , TiO <sub>2</sub> and CuO nanoparticles
Hasan Umit OZTURK	Rapid biosynthesis of gold nanoparticles using novel Citrobacter sp. isolated from Reticulitermes clypeatus
Fatih ÖZCAN	Synthesis and characterization of polythiophene nanoparticles in polyvinylpyrrolidone emulsion
Murat YESİLYURT	Effects of the process parameters on the synthesis of iron nanoparticles from iron acetyl acetate
Duygu SERİN	Synthesis and investigation of flame retardant properties of zinc borate nanoparticles
Aslı KARA	The effect of formulation parameters on the characteristics of PLGA nanoparticles
Mustafa KURBAN	Structural and electronic properties of Zn <sub>m</sub> Cd <sub>n</sub> Te <sub>k</sub> (m+n+k=2-4) clusters: Density functional theory calculations
Erdal ERTAŞ	One-step purification and covalent immobilization of benzaldehyde Lyase (BAL, EC 4.1.2.38) with heterofunctional chelate-epoxy modified Fe <sub>3</sub> O <sub>4</sub> @SiO <sub>2</sub> Nanoparticles and Its Carboligation
İlker DİNÇER	The influence of nanoparticle size on magnetic properties of NdMn <sub>2</sub> Ge <sub>2</sub> particles
Mehmet Şakir ECE	Carboligation reactivity of benzaldehyde lyase (BAL, EC 4.1.2.38) with salt-induced covalent immobilization to magnetic solid support
Nalan Oya SAN	Preparation of silica nanoparticles from sugarbeet bagasse by laser ablation
Aykut ÖNAY	Amperometric glucose sensor based on the glucose oxidase immobilized Fe <sub>3</sub> O <sub>4</sub> /chitosan/gold magnetic nanoparticles modified carbon rod electrode
Ayça ZEYBEK	The effect of Doxorubicin-Albumin magnetic nanoparticles on prostate and lung cancer cells
Hüseyin ŞAKALAK	One-pot synthesis of sub-100 nm boronic acid functionalized nanoparticles for fructose sensing
Ayşe Merve ASLANDAŞ	The synthesis of monodisperse silver nanoparticles and the spectroscopic characterization of their interaction with Pyronin Y dye molecules in chloroform
Morteza ASGHARI	Synthesis of carbon-supported palladium nanoparticles as PEMFC electrocatalysts

Halil KAYA	Synthesis of radial wrinkled silica nanospheres
Gamze BOZKURT	Pt nanoparticles over Carbon/PEDOT composites prepared by supercritical carbon dioxide deposition
Bitir NIKNEJHAD	Microwave-assisted combustion synthesis of nanocrystalline $\text{Co}_x\text{Mg}_{1-x}\text{Al}_2\text{O}_4$ Pigment
Abdullah YILDIZ	Hopping conduction in In-doped CuO nanocrystalline thin films
İbrahim USLU	Boron Doped Calcia Stabilized Bismuth Cobalt Oxide Thermoelectric Nanocrystalline Ceramics
Mojtaba FARHANGMEHR	Comparison of nano-structures of LIF coated on ceramic and silicon substrates
Abdullah YILDIZ	Small-polaron conduction in Nb-doped $\text{TiO}_2$ nanocrystalline thin films
M.A. NURIYEV	Electron diffraction studies the phase formation in thin films of Cu-Ga-Te
Ahmet BATTAL	By using spray pyrolysis doubly doped tin oxide photoluminescence spectrum (PL) and photoluminescence quantum yields (PLQY)
Muhammet DEMİRTAŞ	Developing an ultrafine-grained and/or nanostructured superplastic Zn-22Al alloy for passive seismic damper material
E. Fahri KESKENLER	Investigation of Si and B co-doped ZnO thin films
E. Fahri KESKENLER	Silicon-Boron-Flourine triple doping effects on features of ZnO thin films
Arife Gencer İMER	The ffect of the post-annealing on the formation of nanocrystalline SiC film deposited by PECVD at low temperature
Süleyman KERLİ	Investigation of the properties of nanostructured In doped NiO films
Mojtaba FARHANGMEHR	Comparison of nano-structures of LIF coated on steel and silicon substrates
Taner TEKİN	Degradation kinetics of Congo Red dye on photoreactor with nanocrystalline $\text{TiO}_2$ thin-film photocatalyst coated
Ilknur ERUCAR	Amine-functionalized metal organic frameworks for gas separations
Mojtaba FARHANGMEHR	Comparison of nano-structures of LIF coated on silicon and silver coated silicon substrates
Fatih KOÇ	The effect of circular polarized light on core/shell semiconductor quantum dots
Hilal RÜZGAR	Effects of the annealing treatment on the CdS films prepared by chemical bath deposition method

Bulent ARIKAN	Crystallographic characterization of InAs/GaSb type-II superlattices: The effect of interfaces for fixed layer thicknesses
Bulent ARIKAN	Crystallographic characterization of InAs/GaSb type-II superlattices: The effect of interfaces for fixed layer thicknesses
Morteza ASGHARI	Novel Cu,Zn,S/TiO <sub>2</sub> three-doped nanophotocatalysis: Synthesis, characterization & optimization
Sitki EKER	Pressure-induced phase transformation of BaTiO <sub>3</sub> : An ab initio constant pressure study
S.M.ROZATI	A comparison between V <sub>2</sub> O <sub>5</sub> as-deposited and annealed thin films
S.M.ROZATI	Optical studies on ZnO thin films that deposited by spray pyrolysis technique
Murat SOYLU	Heterojunction based on wide-band-gap and lattice-matched compound semiconductor
Suat PAT	BN thin film deposition by reactive sputtering
Zerrin PAT	Antibacterial properties of the thin metal films deposited on flexible organic substrates
Tuna AYDOGMUS	Some physical properties of deposited ZnS thin films by thermionic vacuum arc (TVA) technique
Sahin COSKUN	Silver nanowire anodes in PLEDs
Sina ROUHI	A summary about the aerogels applications in health-related industries
Rabah A. KHALIL	Effect of presence of benzene ring in surfactant hydrophobic chain on the self-assembly towards the biggest type of supra-molecular aggregates
Al-hakam A. Al-ZARARI	Quantum mechanical calculations for estimating the critical packing parameter of supra-molecular aggregations
Serpil BOZ	Interlinking the pre-organized molecular building blocks by specific covalent bonds
Tuba KILINC	Amyloid peptide aggregation of A $\beta$ 16-22 and A $\beta$ 17-21 using molecular dynamics simulations
Mohammad Reza ROSTAMI	H-aggregates of pyronin B in bentonite clay dispersion: A spectroscopic study
Yelda ERTAŞ	Molecular filtration performance of cured benzoxazine/cyclodextrin-inclusion complexes
Murat YILDIZ	A theoretical study on ground state structures, vibrational and NMR spectroscopy of phenazine derivatives
İsmail TOPCU	Developing of wetting behavior of irregular Ti6Al4V powder reinforced with carbon nanotubes

Numan ŞARLI	Modification of the Curie's law for diamagnetism by using paramagnetic ising nanotube
İsmail TOPCU	Carbon nanotubes reinforced matrix, metallographic examination of Ti6AL4V
Mehmet Emin KILIC	Structural properties of defected ZnO nanotubes: Molecular Dynamics Simulations
Derya TEKİN	Photocatalytic degradation of textile dyestuffs using TiO2 nanotubes prepared by sonoelectrochemical method
Akbar Arabi BOLAGHI	The study of nanotube-composite cathode for intermediate temperature solid oxide fuel cell
Necati VARDAR	Vacancy depended band gap modification of carbon nanotubes
Kübra YILDIZ	Investigation of gas sensing properties V2O5-ZnO nanorods
İmren TORUN	Effect of light on gas sensing of Pd-ZnO nanorods heterostructures
Heshmatollah ALINEZHAD	Sulfonated ordered nanoporous carbon as an efficient solid catalyst for the synthesis of perimidines
Emre MULAZIMOGLU	Silicon nanowire network metal-semiconductor-metal photodetectors
Zeynep D. EYGI	Ge nanowires growth on Au coated (100) Si substrates by electron beam evaporation
Hossein NEJADASAD	Dye sensitized solar cells based on TiO2 nanorods and multiwall carbon nanotubes
Serkan DEMİREL	Na <sub>0.44</sub> MnO <sub>2</sub> nanorods as a cathode material for Na-ion batteries
Fatma Nur TUZLUCA	Synthesis of In <sub>2</sub> O <sub>3</sub> nanotrees using VLS technique
Fatma Nur TUZLUCA	In <sub>2</sub> O <sub>3</sub> nanobouquets
Fatma Nur TUZLUCA	In <sub>2</sub> O <sub>3</sub> nanotowers and nanochains
Bitra RAJAEI	Effect of nanosilica on gas permeability of PAN-supported chitosan nanocomposite membranes
Morteza ASGHARI	Nanocomposite PEBA membranes: Effect of zeolite X filler on CH <sub>4</sub> permeation
Gamze YILMAZ	Zeolite imidazolate framework/polymer mixed matrix membranes for CO <sub>2</sub> , CH <sub>4</sub> , and H <sub>2</sub> separations
Morteza ASGHARI	CO <sub>2</sub> Permeation through PEBAX®-nanosilica mixed matrix membranes

Ferhat TAŞDEMİR	Design and characterization of piezoelectric membrane-based sensor and integrated readout circuitry
Morteza ASGHARI	Polyvinylalcohol-based nanocomposite proton exchange membrane fuel cells: A review
Morteza ASGHARI	A review on nanocomposite PBI-based membranes for HT-PEMFC
Morteza ASGHARI	Poly(ether-ether-ketone)-based nanocomposite membranes for direct methanol fuel cell: A review
Ali A. ENSAFI	New strategy to prepare sensitive and selective electrochemical biosensors using nanomaterials compounds
Tuba ÖZNÜLÜER	Electrochemical oxidation of nitrite on PEDOT modified gold electrode
Süleyman KAHRAMAN	Cu <sub>2</sub> SnS <sub>3</sub> photovoltaic absorber thin films
Idris SORAR	Effect of thickness on the electrochromism of DC magnetron sputtered TiO <sub>2</sub> thin films
İsrafil ŞABİKOĞLU	Piezoelectric properties of the new generation active matrix hybrid (Micro-Nano) composites

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Busra AVSAR	Different copolymer morphologies on ZnFeCo particles
Fatma COLAK	The Influence of Zinc particle structure on synthesis of conducting polymer film
Taskin CAMURCU	Poly(aniline-co-N-methylpyrrole) films on ZnFe particle plated Carbon Steel
Remziye GÜZEL	Determination of acetaminophen in commercial formulations using silver nanostructured aniline modified pencil graphite electrode
Semsi Betül DEMİR	Electrochemical synthesis of highly-oriented ternary semiconductive PbSe(1-x)S <sub>x</sub> thin films
Semsi Betül DEMİR	Electrochemical synthesis of highly-oriented ternary semiconductive PbSe(1-x)S <sub>x</sub> thin films
Sinem SEL	Can nano-vanadium oxide improve lithium battery cathode properties?
İkbal KOYUNCU	Synthesis and investigation of complexation properties of aluminum (III) with 4-Hidroksifenilalanin and potentiometric determination of stability constants
Adem AKDAĞ	Analysis of CuInSe <sub>2</sub> thin films electrodeposited on ITO
Kübra ÇINAR	The characterization and growth of GaTe thin films electrodeposited on Au substrate

Hülya Öztürk DOĞAN	Electrocatalytic reduction of nitrate at various metal ad-layer modified gold electrodes
Ayşegül Ü. METİN	Fabrication and characterization of gold-nanoparticles / chitosan film: a scaffold for L929- fibroblasts
Gözde KOŞARSOY	The effect of photocatalyst TiO <sub>2</sub> nanocomposites on some medically important fungi
Canan KURŞUNGÖZ	Silver nanoparticle distribution in hippocampus tissue
Demet ERDÖNMEZ	Nanofabrication and characterization of PVA–Organofiller/Ag nanocoatings on pMAD plasmids
Solmaz MOSAYYEBI	Fabrication and characterization of Ag-nanoparticles on cloning vector pUC18 from E.coli DH5 $\alpha$
Sina ROUHI	Study of surface properties modification with nano particles coating for Ankle joint implants in order to increasing Osseointegration ratio and mechanical properties
Canan KURŞUNGÖZ	Analysis of the germanium nanoparticles interaction with Calf Thymus DNA and human serum albumin
Mona Khonsari ZADEH	Proteomics study of polyethylenimine on human colon adenocarcinoma cell line
Omer Faruk SARIOGLU	Bioanalytical characterization of Gold (III) and Gallium (III) ions on calf thymus DNA (CT-DNA) and human serum albumin (HSA): A comparative study
Mustafa Erdem SAGSOZ	Survival of some bacteria on medical grade stainless steel
Pezhman HOSSEINIAN	Design and in vitro characterization of Antisense Oligonucleotide loaded polymeric nanoparticles for cancer therapy
Ali TAGHIZADEHGHAALEHJOUGH	The effects of metformin and doxorubicin nanoparticles on glioblastoma multiforme cancer cultures
Emir Baki DENKBAŞ	Mitomycin C- loaded magnetic dextran nanoparticles for cancer therapy
Najmeh Hadizadeh SHIRAZI	Burn infection as a new source for industrial lipase; Isolation and characterization of bacterial lipase produced by Pseudomonas aeruginosa HR59
Emir Baki DENKBAŞ	Biocompatibility of electrophoretic deposition of Alginate/nanohydroxyapatite onto titanium
Gözde MUTLU	Preparation and characterization of curcumin loaded PHBV nanofibrous scaffold for tissue regeneration
Samaneh HOSSEINI	The effect of biomimetic nanoapatite formation on osteoblast viability, proliferation and mineralization
Heba Adel AHMED	A power-free chip enzyme immunoassay for detection of biomarkers in serum
Ali Kemal OKYAY	Investigation of Phosphorus diffusion during in-situ doping in Ge epitaxial growth for high performance CMOS compatible devices

Feyza ORUC	Atomic layer deposition for ZnO thin film transistors
Feyza ORUC	Thin film transistors with atomic layer deposited TiO <sub>2</sub> channels
Leyla Başak BÜKLÜ	Investigation of negative differential resistance (NDR) in n-type GaAs
A. N. BEŞTAŞ	Double gaussian distribution of barrier height for FeCrNiC alloy Schottky contacts on p-Si substrates
Sinem Erden GULEBAGLAN	The dip effect under integer quantized hall conditions
İkram ORAK	Electrical characterization of Mo/n-Si Schottky diode
Sami BOLAT	Ohmic and Schottky Contacts to ALD Based ZnO
Duygu AKIN	Effect of Magnetic Field on Silicon pn Junction
Yasemin DEMİRHAN	Fabrication of micron-sized terahertz emitters from Bi <sub>2</sub> Sr <sub>2</sub> CaCu <sub>2</sub> O <sub>8+δ</sub> crystals
Süheyla GÜLLÜLÜ	Substrate temperature effect on memristive behavior of TiO <sub>2</sub> thin films
Abdulkerim KARABULUT	The effect of ultra-thin Al <sub>2</sub> O <sub>3</sub> interfacial layer grown by atomic layer deposition on GaAs-based Schottky-Barrier diode characteristics
Umut SARAC	Characterization of microstructural and morphological properties of electrodeposited Fe–Cu thin films with low and high Fe:Cu ratio
Umut SARAC	Microstructural and morphological properties of electrodeposited Ni–Cu films prepared from the electrolytes with different Cu ion concentrations
Harun GÜNEY	The structural, optical, electrical and magnetic properties of Fe and Co-doped ZnO thin films prepared by electrochemical deposition method
Yüksel KÖSEOĞLU	Microwave synthesis and room temperature ferromagnetism of Ni Doped ZnO DMS nanoflakes
Mehmet Burak KAYNAR	Effect of the particle size on the microwave absorption properties of BaGdxFe <sub>12-x</sub> O <sub>19</sub> nanoparticles synthesized by wet milling process
Mustafa ÖZTÜRK	Exchange bias properties of [Co/CoO] <sub>n</sub> multilayers
Mahdi GHAZANFARI	Magnetic properties of ionic effect in nickel – manganese ferrite M <sub>0.66</sub> Zn <sub>0.34</sub> Fe <sub>2</sub> O <sub>4</sub> (M=Ni,Mn)
Reza OSATY	The Effect of electronic structure on the stability of crystalline in nano magnetic materials
Sajjad POURKHORSHIDI	A new approach to synthesis of cobalt ferrite (CoFe <sub>2</sub> O <sub>4</sub> ) nanoparticles through microemulsion

Fikret YILDIZ	The effect of reconstructed GaAs(100) surface on magnetic properties of Ni thin films
Nastaran SADEGHIAN	Immobilization of MoO <sub>2</sub> (acac) <sub>2</sub> complex on the surface of magnetite nanoparticles and characterization of resulted material
Melike ARASLAN	Magnetic properties of nanostructured melt spun Ni-Mn-Cu-In ribbons
O ERDEMİR	Exchange bias properties of polycrystalline Pt <sub>x</sub> Co <sub>1-x</sub> /CoO bilayers
Zahra Sadat NAZIFI	A highly efficient magnetic solid acid catalyst for synthesis of 1,8-dioxo-octahydroxanthenes
Leila JAVADIAN	Using of Fe <sub>3</sub> O <sub>4</sub> -functionalized nanoparticles as a nanocatalyst for the synthesis of chromene derivatives
Yasemin ALTINAY	Electrical transport properties La <sub>0.83</sub> Li <sub>0.17</sub> MnO <sub>3</sub> perovskite manganite: the effect of the sintering period
Ahmet YAĞMUR	Exchange bias properties of Pt/Co/X/CoO/Pt multilayers (X=Pt, Cr)
Melike ARSLAN	The structural and magnetic properties of melt spun Cu <sub>2</sub> MnAl magnetic ribbons
Melike ARSLAN	Magnetic field dependent AFM and MFM investigations of NiCoMnSn Thin Films
Baris AVAR	X-ray diffraction, thermal and magnetization studies of mechanically alloyed nanostructured Fe-40 at% Al powder
Sinan DİKEN	Sputtered Co <sub>90</sub> Fe <sub>10</sub> thin films; influence of Au underlayer thickness on the magnetic and structural properties
Kerimcan UNLU	Magnetocaloric nature of Ca and Sr doped La-Mn perovskite nano-particles produced by flame spray pyrolysis
M. Ibrahim COSKUN	Sputtered Co <sub>90</sub> Fe <sub>10</sub> thin films; effects of Au underlayer thickness on certain magnetic and electrical properties
Fatih AYDOĞDU	Pt-doped BaFe <sub>4</sub> Sb <sub>12</sub>
Unal ATES	Superparamagnetic properties of the new Pt doped YFe <sub>2</sub> Sb <sub>2</sub> compounds
Zeynep KARCIOĞLU KARAKAŞ	The effects of heat treatment temperature above magnetic properties of the nickel ferrite nanoparticles synthesized with microwave method
Ahmet ORAL	Single & multilayer graphene hall sensors for scanning hall probe microscope
Behrad BARAKATI	Transmission electron microscopy couldn't identify graphene edge
Ahmad YAZDANI	Relationship between kind of carbon nanotubes and the width of zigzag nanoribbons that produce them

Nizamettin EROL	Large grain size and large area single crystal single layer graphene(SLG) grown by CVD on Platinum
Ayber YILDIRIM	Catalytic effect of Fe <sub>3</sub> O <sub>4</sub> deposited on graphene oxide
Çağatay DEMIREL	Green reduction of graphene by nature made antioxidants
Ibrahim KARTERİ	Electrical characterization of graphene oxide based thin film transistor
Mahla SHAHSAVAR	Synthesis of graphene oxide nanoribbons in stem cells applications: Using MWCNT unzipping method
Hasan Umit OZTURK	Application of magnetic alginate beads in both in bioseparation and immobilization of Bacillus subtilis SDP1 $\alpha$ -amylase
Aslı TURAN	Gate voltage dependent surface enhanced raman spectra of graphene field effect device
A.B. SELÇUK	Electrical properties of Al/ PMMA /ZnO/P-Si diodes
Muharrem GÖKÇEN	Electrical properties of metal-semiconductor structures with new poly(propylene glycol)-b-polystyrene block copolymer nanofibers interfacial layer
Metin NİL	Flame resistant highly robust touch screen OLED TV
Abuzer YAMAN	Effect of the molecular weight of the MDMO:PPV on the organic solar cell efficiency
Zühal Alpaslan KÖSEMEN	Photo sensitivity of MEH:PPV based OFET
Arif KÖSEMEN	Solvent effect of PVA gate dielectric material on OFET performance
S. Bilge OCAK	Electrical characteristics of Al/ PMMA/P-Si Schottky device
Gherras HAMMOU	Synthesis and characterization of poly {(2,5-diyl Pyrrole) (2- Pyrrolyl Methine)}conductor derivatives - Study of optical properties and band gap calculation
Furkan KURUOGLU	Characterization of Cu/PAr/CdS MIS structure for sensor applications
Seyid Javad MUSEVI	Solvothermal synthesis, characterization and optical properties of ZnO and ZnO-Al <sub>2</sub> O <sub>3</sub> mixed oxide nanoparticles
Bayram GÜNDÜZ	Comparison of the dielectric, electrical susceptibility and optical conductivity properties of [LZn(NO <sub>3</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ].5H <sub>2</sub> O and [L(Zn) <sub>2</sub> (OH) <sub>4</sub> ].2DMF complexes of 5,5-dimethyl-2-(2-(3-nitrophenyl) hydrazono)cy
M. Mustafa KAYKISIZ	Nanoscale optical coupling in planar lightwave circuits
Ildar SALAKHUTDINOV	Two-photon fluorescence in asymmetric plasmonic nano-antenna

Bayram GÜNDÜZ	Investigation of the dielectric, electrical susceptibility and optical conductivity properties of the 5,5-dimethyl-2-(2-(3-nitrophenyl)hydrazono)cyclohexane-1,3-dione ligand and its copper(II) complex
Halit ÇAVUŞOĞLU	Absorption coefficient calculation and radiation transport of Donor Horse Serum (DHS) and Fetal Bovine Serum (FBS)
Bayram GÜNDÜZ	The development of the energy band gap of the 5,5-dimethyl-2-(2-(3-nitrophenyl)hydrazono)cyclohexane-1,3-dione ligand with copper(II) complexes
Ali Kemal OKYAY	Active beam steering in the mid-infrared using plasmonic resonator elements
Levent E. AYGUN	Dynamic control of absorption properties of thin film transistors in the visible spectrum
Levent E. AYGUN	Optical modulator in the visible wavelengths based on atomic layer deposited ZnO
Bayram GÜNDÜZ	Calculation of some optical constants and comparison of optical band gaps of the synthesized ligand and its [LZn(NO <sub>3</sub> ) <sub>2</sub> (H <sub>2</sub> O) <sub>2</sub> ].5H <sub>2</sub> O and [L(Zn) <sub>2</sub> (OH) <sub>4</sub> ].2DMF complexes
Yunus Emre KESİM	Development and characterization of plasmonic enhanced near infrared Silicon-Germanium Multi-Quantum-Well photodetectors
Ahmet Murat YAĞCI	Electrical characterization of nano-size grained vanadium oxide thin films
Ahmet Serhan HERGÜL	Growth of TiO <sub>2</sub> nanoparticles by hydrothermal method for dye sensitized solar cell
Fethiye KÜÇÜK	One-dimensional (1D) ZnO nanowires for photovoltaic applications
İsmail KABAÇELİK	Investigation of metal induced crystallization of germanium thin films for photovoltaic applications
Aybike Ural YALÇIN	Tunable optical force between nanowires
Melih KORKMAZ	Influence of the layer thicknesses on the optical response of mid-infrared type II InAs/GaSb superlattice photodiode
Melek KIRISTI	Synthesis of poly(3,4-ethylene dioxythiophene)PEDOT thin film by microwave plasma and its electrochromic properties
Melek KIRISTI	Rf rotating plasma modified WO <sub>3</sub> /PEDOT hybrid and investigation of its electrochromic properties
Seçkin AKIN	Modification of juglon dye by different metal adding and its applications as a sensitizer
Ali Kemal OKYAY	An optical uni-directional transmitter based on plasmon mediated rectification
Hava POLAT	Substrate temperature effect on optical properties of TiO <sub>2</sub> thin films