| ID  | Submission Title                                                                 | Student  | Contact Author Full Name | Contact Author Organization | Contact Author Country | Topics |
|-----|----------------------------------------------------------------------------------|----------|--------------------------|-----------------------------|-------------------------|--------|
| 35  | Fabrication and characterization of new generation ferrite nanoparticles for multi layer chip inductors and microwave absorption applications | No       | Khalid Batoo             | King Saud University        | Saudi Arabia            | THEME A|
| 52  | The Rank Polynomial of Dendrimer                                                 | No       | Mohammad Hasan Naderi    | University of Qom           | Iran                    | THEME A|
| 71  | Synthesis and Surface Modification of Mesoporous Silica by Dipicolinic Acid as complexing reagent | Yes      | Mahmood Kazemzad Asiabi | Materials and Energy Research Center, P.O.Box14155-4777, Tehran-Iran | Iran                    | THEME A|
| 72  | Magnetic and Dielectric Properties of MnxCo1-xFe2O4 Nanoparticles Synthesized by PEG Assisted Hydrothermal Method | No       | Yüksel Köseoğlu          | Fatih University            | Turkey                  | THEME A|
| 168 | Investigation of some metal ions as stoppers for the benzotriazole contained in the | No       | E. Jamalizadeh           | Shahid Bahonar University of Kerman | Iran                    | THEME A|
| 192 | Superoleophobic Surfaces: Pattern Size and Geometry Effects                      | Yes      | C. ELİF ÖZEN             | GEBZE INSTITUTE OF TECHNOLOGY | Turkey                  | THEME A|
| 204 | A Water-based Facile Synthesis of Monodisperse PEGylated Au Nanoparticles         | No       | mustafa selman yavuz     | Selcuk Univ                | Turkey                  | THEME A|
| 249 | Geometric Control of Graphite Micro-Stains by Drop Evaporation of SDS-Graphite Dispersions | Yes      | Merve DANDAN             | Gebze Institute of Technology | Turkey                  | THEME A|
| 300 | Dependence of Hardness Values of Phenol Formaldehyde resins (PFR) to Both Pre-polymerization Temperature and P/F Ratios | No       | Ahmet Gürses             | Istanbul Technical University | Turkey                  | THEME A|
| 360 | Synthesis of Graphene on Gold                                                    | Yes      | Coşkun Koçabaş            | Bilkent University          | Turkey                  | THEME A|
| 365 | Synthesis of carbon nano spheres from waste biomass, glucose and lactose with hydrothermal carbonization | Yes      | Kivanç Aydınca           | Ankara University, Dept. of Chemistry | Turkey                  | THEME A|
| 396 | Decreasing the Branch Frequency in Precision Polyethylene: The Effect of Alkyl Branch Size on Nanoscale Morphology | Yes      | BORA INCI                | University of Florida       | United States           | THEME A|
| 426 | High Capability of an Amorphous Manganese Oxide Nanopowder in Adsorption of Pb from Aqueous Media | No       | Amir Ali Youzbashi       | Materials and Energy Research Centre | Iran                    | THEME A|
| 428 | Vibrational entropy contribution to the step free energies and two melting temperatures for the SiO(001) surface | Yes      | Oğuzhan Gürlü            | Istanbul Technical University | Turkey                  | THEME A|
| 442 | Water-soluble Conjugated Polymer Nanoparticles with Enhanced Chemical and Mechanical Stability via Click Chemistry | Yes      | Seyma Ekiz               | Bilkent University          | Turkey                  | THEME A|
| 448 | The stability of silicon cage nanostructures                                      | Yes      | Ali Zerentürk            | GYTE                        | Turkey                  | THEME A|
| 451 | Effects of vacancy defects on thermal conductivity in crystalline silicon         | No       | Aylin Yildiz             | Dokuz Eylül University     | Turkey                  | THEME A|
| 489 | A Raman and AFM Study of Exfoliated Graphene on SiO2 and Mica                     | Yes      | M. Burak Yılmaz          | Fatih University            | Turkey                  | THEME A|
| 518 | The Densification Behavior of Nanocrystalline Titania                            | No       | Özlem Çağlar             | Sakarya Institute of Technology | Turkey                  | THEME A|
| 526 | The Effect of Oxidation Time on the Formation of Zinc Oxide Thin Films            | No       | Mehmet Oğuz Guler        | Sakarya University, Engineering Faculty, Metallurgical & Materials Engineering Department | Turkey                  | THEME A|
| 530 | Structural and electrical properties of SnO2 thin films prepared via R.F. magnetron sputtering | Yes      | Ozgur Çevher             | Sakarya University, Engineering Faculty | Turkey                  | THEME A|
| No. | Title                                                                 | Author                          | Affiliation                        | Country  | Theme   |
|-----|----------------------------------------------------------------------|---------------------------------|------------------------------------|----------|---------|
| 563 | Influence of additive on electrophoretic deposition (EPD) behavior of titania nanoparticles in non aqueous suspension and deposited layer quality prepared by EPD | javad esmaeilzadeh              | material & energy research center   | Iraq     | THEME A |
| 430 | Growth, morphology and environmental dependence of Chromium Oxide structures on glass substrates | Oğuzhan Gürlü                  | Istanbul Technical University      | Turkey   | THEME A |
| 5   | Influence of dopant on the morphology and luminescence of ZnO nanowires, nanorods and nanoplates | Javier Piqueras                | University Complutense of Madrid   | Spain    | THEME B |
| 18  | Changing the charge state of C60 nanoarrays                         | Dogan Erbahar                   | Gebze Institute of Technology      | Turkey   | THEME B |
| 34  | Wiener Index of Nanocones                                           | Ali Reza Ashrafi               | University of Kashan               | Iran     | THEME B |
| 49  | Symmetry Group of Fullerenes                                        | Ali Reza Ashrafi               | University of Kashan               | Iran     | THEME B |
| 90  | Structure and Properties of OH and COOH Functional Group Attached Single Wall Carbon Nanotube Reinforced Alumina Ceramics | Ali Can Zaman                  | Yildiz technical University        | Turkey   | THEME B |
| 131 | Chemometric Analysis of Carbon Nanotube Production by Floating Catalyst CVD | Mustafa Yaln                   | Toros Farm, Samsun Production Plant | Turkey   | THEME B |
| 246 | Edge functionalization of zigzag graphene nanoribbons with sodium    | R. Tuğrul SENGIER              | İzmir Institute of Technology      | Turkey   | THEME B |
| 251 | Polyl Synthesis of Silver Nanowires                                 | Şahin Coşkun                   | Middle East Technical University   | Turkey   | THEME B |
| 262 | Spontaneous Formation of A Nanotube From A Square Ag Nanowire        | Mine Konuk                      | İstanbul Teknik Universitesi       | Turkey   | THEME B |
| 270 | Kilometer-long, Ordered, Uniform Piezoelectric Nanotube Array        | Mehmet KANIK                   | UNAM-National Nanotechnology Research Center | Turkey   | THEME B |
| 308 | Uniform Photoconductive Nanowire Arrays Readily Assembled into Large Area Electronics | Erol Ozgur                     | Bilkent University                 | Turkey   | THEME B |
| 381 | Highly Ordered Arrays of Nickel Nanowires Fabricated by using the AAO Template Combined with the Electrodeposition | Behiye Yüksel                  | TUBITAK MAM                        | Turkey   | THEME B |
| 413 | The Cycle Index of Nanotubes                                        | Ali Reza Ashrafi               | University of Kashan               | Iran     | THEME B |
| 436 | Nanowires for Sensing and Wave-guiding                              | Can Boran Akdal                | Bahçeşehir University              | Turkey   | THEME B |
| 482 | Harary index of C4 nanotubes and C4 nanotori                         | Mahdieh Azari                  | aFaculty of Basic Sciences, Islamic Azad University, Kazerun Branch | Iran     | THEME B |
| 534 | First-principles study of GaAs/AlAs nanowire heterostructures        | Selma Şenozan                  | Middle East Technical University   | Turkey   | THEME B |
| 541 | Structural and electronic properties of GaAs nanotubes               | Semran İpek Küskü              | Gebze Institute of Technology      | Turkey   | THEME B |
| 7   | Separation of Carbon Dioxide from Gas Mixtures Using Bio-Nanoporous Crystal Materials | Seda Keskin                    | Koç University                     | Turkey   | THEME C |
| 31  | Adsorption, Diffusion and Separation of Gas Mixtures in Nanoporous Membranes and Composites | Seda Keskin                    | Koç University                     | Turkey   | THEME C |
| 57  | New application of modified multiwalled carbon nanotubes with thiosemicarbazide as a sorbent for sensitive simultaneous separation and preconcentration and determination trace amounts of Co2+ | Hossein Tavallali              | Payame noor university             | Iran     | THEME C |
| No. | Title                                                                 | Yes/No | Authors                                                                                     | Institution/Company                                      | Country  | Theme |
|-----|-----------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------|----------------------------------------------------------|----------|-------|
| 97  | Controlling the Surface Dispersion of BaO Nano-Domains On Catalytic NOx Storage Materials via TiO2 Anchoring Sites and Improvement of Sulfur Poisoning Tolerance | No     | Emrah Özensoy                                                                                 | Department of Chemistry, Bilkent University               | Turkey   | C     |
| 216 | Syntesis and Characterization of PANI/ZnO Nanocomposites and Photo-catalytic Properties | Yes    | Gülsah Şefika Aslim                                                                           | Selcuk University Chemical Engineering Department         | Turkey   | C     |
| 361 | Hydrothermal synthesis and photocatalytic activity of tin oxide nano particles | Yes    | Ali Sinağ                                                                                    | Ankara University, Dept. of Chemistry                    | Turkey   | C     |
| 388 | Study of Thinning Process in Order Anodic Alumina Membrane For Fabrication Nanowire Gas sensors | No     | Majid Ebrahimzadeh                                                                            | Arta Nano Fan Avar Pishro Co., Science and Technology Park, Arian Town, Shiraz, Iran | Iran     | C     |
| 399 | Examples of Applications for Photocatalytic Surface by Using TiO2 Nanoparticles | Yes    | Mevlüt Gürbüz                                                                                 | Anadolu University                                       | Turkey   | C     |
| 416 | Synthesis of TiO2 Coated Self-Cleaning Materials                       | No     | MÜNEVVER SÖKMEN                                                                               | KARADENIZ TECHNICAL UNIVERSITY                           | Turkey   | C     |
| 418 | TiO2 Nano-Particle Immobilized Polymeric Material and Photocatalytic Activity | No     | MÜNEVVER SÖKMEN                                                                               | KARADENIZ TECHNICAL UNIVERSITY                           | Turkey   | C     |
| 463 | Spheroidized                                                          | Yes    | Gülhan Çakmak                                                                                 | METU                                                      | Turkey   | C     |
| 513 | Iron and Nickel Doped TiO2 Thin Film Photocatalysts for Dye Degradation | Yes    | Hüsnü Arda Yurtsever                                                                         | Izmir Institute of Technology                             | Turkey   | C     |
| 517 | Large Area Micro Patterned Polymer Surfaces from Sulfonated Polystyrene and Polypropylene-Polyethylene Copolymer Blends | Yes | Nevin Atalay Gencec                                                                           | GYTE                                                      | Turkey   | C     |
| 521 | Adsorption of phthalocyanine on rutile TiO2 (110) surface              | Yes    | Necmettin Kılınc                                                                             | Gebze Institute of Technology                            | Turkey   | C     |
| 19  | Bio-inspired Nanostructures Based on Oblique Angle Deposition and Self-Assembly of Peptides | No     | Gokhan Demirel                                                                               | Gazi University                                           | Turkey   | D     |
| 93  | Carbon Nanotube / Hydroxyapatite Bio-Nano-Composite Structure by Hydrothermal Process | No     | Cem Bulent Ustundag                                                                          | Yildiz Technical University                               | Turkey   | D     |
| 100 | Hierarchically patterned surfaces for cell guidance                    | Yes    | Marina Martinez Miró                                                                         | Leibniz- Institut für Neue Materialien                   | Germany  | D     |
| 102 | Self-Assembled Peptidic Nanostructures for Cell Materials Interactions | No     | Mustafa Özgür Guler                                                                          | Bilkent University, UNAM-Institute of Materials Science and Nanotechnology | Turkey   | D     |
| 124 | Dendrimer Modified Superparamagnetic Iron Oxide Nanoparticle Synthesis for Targeted Cancer Therapy | Yes    | rouhollah khodadust                                                                          | Middle East Technical University                          | Turkey   | D     |
| 150 | Electrically Induced Phase Change Memory Switching In Chalcogenide Nanowires | Yes    | Ozan AKTAŞ AKTAŞ                                                                             | Department of Physics, Bilkent University                 | Turkey   | D     |
| 234 | Ag-TiO2 Nano-Powders by Hydrothermal Synthesis and Their Antimicrobial Properties | Yes    | Cansu Noberi                                                                                 | Yildiz technical University                               | Turkey   | D     |
| 235 | ION BEAM MODIFIED POLYMERIC SURFACES AND DIAMOND LIKE CARBON (DLC) THIN FILM COATINGS FOR NERVE TISSUE REGENERATION AND LARGE PATTERNED NEURAL CELL ARRAYS | No     | Emel Sokullu Urkac                                                                           | Ege University                                            | Turkey   | D     |
| 245 | Nanoparticle Gradients for Investigation of Cell-Surface Interactions  | Yes    | Mattias Berglin                                                                              | Gothenburg University/Interface Biophysics               | Sweden   | D     |
| 253 | Diffusion Pathways of Quantum Dots in Live Cells                      | Yes    | Serdar Özçelik                                                                               | Turkey                                                   | Turkey   | D     |
| 258 | Self-Assembled Arrays of Dendrimer-Gold                                | No     | Mattias Berglin                                                                              | Cell and Molecular                                         | Sweden   | D     |
| Title                                                                 | Yes/No | Authors                                      | Country       | Location                        | Theme |
|----------------------------------------------------------------------|--------|---------------------------------------------|---------------|----------------------------------|-------|
| Nanoparticle Hybrids for Functional Cell Studies                      |        | Biology/Interface                          |               |                                  | D     |
| Cell Attachment Tests of Dental Implants with ZrO by MEVVA Ion Implantation | Yes    | EMEL SOKULLU URKAC                         | EGE UNIVERSITY| Turkey                           | D     |
| Label-Free and Ultrasensitive Microcavity Biosensors with High Selectivity | Yes    | Erol Ozgur                                  | Bilken University | Turkey                           | D     |
| Selective oxidation and reduction reactions with cofactor regeneration mediated by galactitol, lactate and formate dehydrogenases immobilized on magnetic nanoparticles | No     | Farah Naz Talpur                           | National Center of Excellence in analytical Chemistry, University of Sindh, Jamshoro, PAKISTAN | Pakistan | D     |
| Probing Gold Nanoparticle and Cell Interactions in Cell Culture Medium | Yes    | Ali Beskok                                  | Old Dominion University | United States | D     |
| The effect of molecular weight of PEI on the transfection efficiency of hydrophobic PEI-based cationic nanoliposomes | No     | Bizhan Malaeekeh-Nikouei                   | Mashhad University of Medical Sciences, Mashhad, Iran | Iran | D     |
| Hydroxyapatite Nanorods as a Controlled Drug Release of Ibuprofen     | No     | Mualla Öner                                 | Yildiz Technical University | Turkey | D     |
| Optimized DVD substrates as Label-free Biomolecular Affinity Sensors | Yes    | Burak Turker                                | Bilkent University, UNAM/Materials Science & Nanotechnology Institute | Turkey | D     |
| Extracellular Matrix Mimetic Peptide Nanofibers for Regenerative Medicine | No     | Tekina Aysa Begum                          | Bilkent University-UNAM | Turkey | D     |
| Nanogap Capacitive Sensors For Highly Sensitive Biosensing Applications | No     | Oguz Hanoglu                                | Bilkent University | Turkey | D     |
| Diphenylalanine Peptide Nanospheres for Targeted Therapy             | Yes    | Emir Baki Denkbaş                          | Hacettepe University | Turkey | D     |
| Artificial Olfaction Using Nanostructured Hollow Core Fibers          | No     | Mecit Yaman                                 | UNAM-National Nanotechnology Research Center, Bilkent University | Turkey | D     |
| Asymmetric Cellulose Acetate Membranes Containing Silver Nanoparticles for Wound Healing | No     | Sacide Alsoy ALünkaya                     | İzmir Yüksek Teknoloji Enstitüsü | Turkey | D     |
| Nanotechnology in the diagnosis and therapy of cancer                | No     | Bulent Aydogan                              | The University of Chicago | United States | D     |
| Electrochemical, Photoelectrochemical and Piezoelectric Analysis of Tyrosinase Activity by Functionalized Nanoparticles | No     | Huseyin Bekir YILDIZ                      | Department of Chemistry, Karamanoglu Mehmetyey University, Karaman 70100 | Turkey | D     |
| Interlayer Exchange Coupling in Py/Cr/Py Multilayers                 | No     | Bekir Aktaş                                 | Gebze Institute of Technology | Turkey | E     |
| Sputtered NiFeCoFe nanofilms for magnetic writer-head applications    | Yes    | Mehmet Ibrahim Coskun                      | Kiliş 7 Aralik University | Turkey | E     |
| Spin Transport in CVD Synthesized Single Layer and Bilayer Graphene  | Yes    | Ahmet Avsar                                 | National University of Singapore | Singapore | E     |
| Atomic and electronic properties of boron clusters and stability analysis | No     | Nurten Akman                                | Mersin University | Turkey | E     |
| Electron-Phonon Interaction In Graphene                               | No     | Melek KESKIN                                | Izmir Institute of Technology | Turkey | E     |
| 3-D Simulation Model of Switching Dynamics in Phase Change Memory     | Yes    | KOSOĞLU GÜLŞEN                             | BOGAZICI UNIVERSITESİ | Turkey | E     |
| Landau-Lifshitz-Bloch Simulations of Magnetization Dynamics at Elevated Temperatures | Yes    | Ufuk Kilic                                 | Department of Physics, Bogazici University | Turkey | E     |
| Superconducting Terahertz Emitters of Intrinsic Josephson Junctions   | Yes    | Yasemin Demirhan                           | İzmir Institute of Technology | Turkey | E     |
| Edge Magnetism and Stability of Edge States in Graphene Nanoribbons  | No     | Cem Ördoğan                                | Çankaya University | Turkey | E     |
| ID  | Title                                                                 | Accepted | Author                      | Institution                                                   | Country | Theme |
|-----|------------------------------------------------------------------------|----------|-----------------------------|---------------------------------------------------------------|---------|-------|
| 444 | High Frequency Performance of Individual and Arrays of Single-Walled Carbon Nanotubes | Yes      | Osman Balcı                | Bilkent University                                           | Turkey  | E     |
| 445 | PHYSICAL PROPERTIES OF AROMATIC HYDROCARBON ADDED MgB2 BULKS, WIRES AND TAPES | No       | Ali Gencer                 | Hacettepe University                                         | Turkey  | E     |
| 506 | Magnetic Origins of Intra and Inter Particle Interactions in Fe3O4 Nano Particles | Yes      | Musa Mutlu Can            | UNAM-National Nanotechnology Research Center, Bilkent University | Turkey  | E     |
| 554 | ONO Type Flash Memory using a High-k Tunnel Oxide Layer                | Yes      | Deniz Kocaay               | Bilkent University                                           | Turkey  | E     |
| 609 | Breakdown of Quantum Hall Effect in Graphene                            | Yes      | Cenk Yanik                 | Sabancı University                                           | Turkey  | E     |
| 618 | Thermal Properties of Two Dimensional Quantum Dots Confined By an-Harmonic Potentials | No       | Berna Gülveren             | Selcuk Univ.                                                 | Turkey  | E     |
| 59  | A Spatially Homogeneous Hybrid Many-Body Interaction Model of Molecular Clusters | No       | Ali Sebetci                | Zirve University                                             | Turkey  | F     |
| 96  | The Effect of Si nano-particles on commercial Light Emitting Diode (LED) power performances | No       | Sabri AlkıĢ                | Electrical Engineering Department Bilkent University, Bilkent, Ankara | Turkey  | F     |
| 187 | OLED Applications of Some Polypyridyl Ruthenium(II) Complexes With Swallow-tail Alkyl Chains on Ligand | Yes      | Canan Varlıklı             | Ege University Solar Energy Institute                         | Turkey  | F     |
| 248 | Contact Angle Hysteresis-Surface Coverage Relation by Drop-Wise Condensation | Yes      | İkizmes ORKAN UCAR         | Gebze Institute of Technology                                 | Turkey  | F     |
| 256 | Self-Association of a Helical Polypeptide and Its PEGylated Forms      | No       | Ayben Top                  | İzmir Institute of Technology                                 | Turkey  | F     |
| 326 | Electroluminescent Properties of 5,5'-Bis(phenylethynyl)-2,2'-Bipyridine-Chelating Eu(III) Complex | No       | Özlem Usluer               | Muğla University                                             | Turkey  | F     |
| 604 | Liquid Polymer Diodes with Nanoscale Electrode Separation              | Yes      | Şenol Mutlu                | Boğaziçi Universitesi                                        | Turkey  | F     |
| 94  | Comparative Study on Solid Core Photonic Crystals Fibers with Square Lattice: Mode Area and Single-Mode Characteristics for Circular and Square Air Holes | No       | Halime Demir               | Erciyes University                                           | Turkey  | G     |
| 226 | Nanopillar Arrays for High-Efficiency Photodetection in the Nightglow Wavelength Window | Yes      | Levent E. Aygün            | Department of Electrical and Electronics Engineering, Bilkent University, Ankara 06800, Turkey | Turkey  | G     |
| 392 | Coupling of Localized and Surface Plasmons on Subwavelength Silver Gratings | Yes      | Sencer Ayas               | UNAM, Bilkent Universitesi                                   | Turkey  | G     |
| 394 | A novel surface mode photonic crystal biosensor                        | Yes      | Muhammed Necip Erim        | TOBB ETU                                                     | Turkey  | G     |
| 471 | Quasi-Bessel Beam Generation by Annular Photonic Crystals              | Yes      | Mirbek Turdœv             | TOBB University of Economics and Technology                   | Turkey  | G     |
| 475 | Quasi One-way light propagation in chirped photonic crystal waveguides | Yes      | Hamza Kurt                | TOBB University of Economics and Technology                   | Turkey  | G     |
| 511 | Localization of Surface Plasmon Polaritons in Hexagonal Arrays of Moiré Cavities | No       | Sinan Balci               | Bilkent Universitesi                                         | Turkey  | G     |
| 529 | Nano-structured near and mid-infrared fibers                           | Yes      | Tugrul Cagri Cinkara       | Institute of Materials Science and Nanotechnology, Bilkent University | Turkey  | G     |
| 535 | Structural Coloring in Cylindrical Core-Shell Nanowires                | Yes      | Tural Khudiyev            | UNAM-Institute of Materials Science and Nanotechnology, Bilkent University | Turkey  | G     |
| Page | Title                                                                 | Authors                                                                 | Institution/Company               | Country | THEME |
|------|----------------------------------------------------------------------|-------------------------------------------------------------------------|-----------------------------------|---------|-------|
| 568  | Large and Dynamical Tuning of Chalcogenide Photonic Crystal by Temperature Modulation | Mecit Yaman                                                            | UNAM-National Nanotechnology Research Center, Bilkent University           | Turkey  | G     |
| 590  | Wavelength Division Demultiplexer on Diffraction Inhibited Photonic Crystal | Kadir Üstün                                                            | TOBB University of Economics and Technology                                 | Turkey  | G     |
| 23   | MOCVD of High In Content Thick InGaN Layers                          | Ocal Tuna                                                              | AIXTRON SE                                                                      | Germany | H     |
| 60   | Synthesis of Fe3O4 Nanocrystals via Simple Coprecipitation Method    | Masaoud Salavati-Niasari                                                | University of Tabriz                                                        | Iran    | H     |
| 67   | Plasmonic Enhancement inside sub-Wavelength Holes in Metals          | Ergun Simsek                                                           | Bahcesehir University                                                        | Turkey  | H     |
| 88   | Extending the Realm of SuNS to DNA Nanoarrays and Peptide Features   | Ozge Akbukut                                                           | Massachusetts Institute of Technology                                          | United States | H |
| 130  | Synthesis of LaMnO3 by Flame Spray Pyrolysis                         | Nesrin MACHIN                                                         | Kocaeli University                                                            | Turkey  | H     |
| 208  | Sub-nanometer-scale-controlled-growth of III-nitride thin films using plasma-enhanced atomic layer deposition | Necmi Bıyıklı                                                        | UNAM – Institute of Materials Science and Nanotechnology, Bilkent University | Turkey  | H     |
| 215  | Synthesis of ZnxCd1-xS Alloy Nanocrystals and Their Composition Tunable Spectroscopic Properties | SERDAR ÖZÇELİK                                                       | İYTE                                                                            | Turkey  | H     |
| 223  | Biomimetic Control of Magnetite Shape and Morphology using Polymers  | Cem Levent Altan                                                      | Yeditepe University                                                          | Turkey  | H     |
| 294  | Fabrication of Hydrogen Silsesquioxane (HSQ) Ordered Nanorod Arrays for Sub Wavelength Antireflective Coatings | Hakan Deniz                                                           | UNAM-Institute of Materials Science and Nanotechnology                        | Turkey  | H     |
| 346  | Synthesis of Mechanically Stable Conjugate Polymer Nanoparticles      | Vusala Ibrahimova                                                     | Bilkent University                                                            | Turkey  | H     |
| 415  | Winning Against Contact-Line Pinning                                  | Mustafa Culha                                                         | Yeditepe University                                                          | Turkey  | H     |
| 434  | Large area Fabrication of Graphene Nanoribbons                       | Coskun Kocabas                                                        | Bilkent University                                                            | Turkey  | H     |
| 437  | Nanomembrane Based Patterning Tools                                  | Ozgenc Ebil                                                            | EM Photonics, Inc.                                                            | United States | H |
| 465  | NEW APPROACH FOR THE SYNTHESIS OF Fe3O4 BASED NANOCLUSTER STRUCTURES FOR MAGNETIC FLUID FORMATION | Serhat Kıcıkkördemenci                                                | Ege Üniversitesi                                                             | Turkey  | H     |
| 533  | Femtosecond Laser Crystallization of Amorphous Ge                  | Omer Salihoglu                                                        | Bilkent University                                                            | Turkey  | H     |
| 557  | Self-Assembly of Amphiphilic Peptides into One-dimensional Objects   | Mehmet Sayar                                                          | Koc University                                                                | Turkey  | H     |
| 91   | Growth of nanoscale structure of pure tin oxide thin films deposited by CVD technique | Seyed Mohammad Rozati                                                  | University of Guilan                                                          | Iran    | I     |
| 98   | NOx Uptake and Storage Properties of BaOx/Pt(111) Model Catalyst: Influence of Ba Coverage, Surface Morphology and Stoichiometry | Emrah Özensoy                                                        | Department of Chemistry, Bilkent University                                    | Turkey  | I     |
| 101  | Quantitative Method for Obtaining Surface Potentials from EFM Measurements | Yalcin Elerman                                                        | Ankara University                                                             | Turkey  | I     |
| 135  | The Observation of Clustering at Nanoscales: The birth of a nanocrystal | Yunus Eren Kalay                                                      | Middle East Technical University                                              | Turkey  | I     |
| 275  | Use of Atomic Force Microscopy for Determination of Surface Potential on Oxide in Aqueous Solution | Gülnihal Ozek Yelken                                                  | İzmir Yüksek Teknoloji Enstitüsü                                             | Turkey  | I     |
| 313  | Nano-scale surface, structural, and optical characterization of AIN layers grown by self-limiting atomic layer deposition | Mustafa Alevli                                                        | Bilkent University - UNAM - Institute of Materials Science and Nanotechnology | Turkey  | I     |
| ID  | Title                                                                 | Status | Authors                               | Institution                       | Country     | Theme   |
|-----|----------------------------------------------------------------------|--------|---------------------------------------|-----------------------------------|------------|---------|
| 372 | Nanoscale cadmium oxide thin films deposited by spray pyrolysis technique | No     | Seyed Mohammad Rozati                 | University of Guilan              | Iran       | I       |
| 393 | Time-Resolved Confocal Detection Setup for Single Molecule Experiments | No     | Alper Kiraz                           | Koç University                    | Turkey     | I       |
| 461 | A microfluidic sensor based on surface plasmon microinterferometer    | Yes    | Ozlem Yavas                           | Bilkent University                | Turkey     | I       |
| 606 | Design of mili-Kelvin Magnetic Force Microscope (mK-MFM, ~320mK) for He3 Systems | Yes    | Özgür Karcı                           | NanoManyetik Bilimsel Cihazlar Ltd / Hacettepe University, Dept. of Nanoscience and Nanomedicine | Turkey     | I       |
| 608 | Design of High Sensitivity Fiber Interferometer for Low Temperature Scanning Force Microscope | Yes    | Özgür Karcı                           | NanoManyetik Bilimsel Cihazlar Ltd / Hacettepe University, Dept. of Nanoscience and Nanomedicine | Turkey     | I       |
| 611 | In-situ Nanoscale Mechanical Testing in the TEM and SEM               | No     | Ude D. Hangen                         | Hysitron                          | Germany    | I       |
| 624 | Effect of substrate temperature on nanoscale cadmium oxide thin films deposited by spray pyrolysis technique | No     | Seyed Mohammad Rozati                 | University of Guilan              | Iran       | I       |
| 241 | GeSiGe quantum well structures for uncooled infrared bolometers      | Yes    | Fatih Bilge Atar                      | Bilkent University                | Turkey     | J       |
| 299 | Integration of Si Nanowires as High Voltage Switches and Resonators  | Yes    | Evren Fatih Arkan                     | Koç University                    | Turkey     | J       |
| 316 | Actuation of liquid metal droplets using electrowetting-on-dielectric (EWOD) | Yes    | Necmi Byykli                          | UNAM - Institute of Materials Science and Nanotechnology, Bilkent University | Turkey     | J       |
| 509 | Wafer Test Challenges Driving MEMS/NEMS Technologies and Development of Nanosprings | No     | Bahadır Tunaboylu                     | İstanbul Şehir University         | Turkey     | J       |
| 592 | Operation of Micromechanical Resonator Biosensor in Liquid Media     | Yes    | Yasin Kılınç                         | Koç University                    | Turkey     | J       |
| 605 | Casimir effect in strongly interacting fermion and boson bilayers     | No     | Murat Taş                              | Sabancı University                | Turkey     | J       |
| 54  | Magnetic Nanoparticle Based Nanofluid Actuation with Dynamic Magnetic Fields.docx | Yes    | Ali Koşar                             | Sabancı Univ                     | Turkey     | K       |
| 75  | The mathematical description of sensor properties of nanocoatings obtained by electropolymerization of heterocyclic compounds | Yes    | Volodymyr Tkach                      | Chernivtsi National University   | Ukraine    | L       |
| 285 | Fluorescent Organically Modified Silica Aerogel Thin Films for TNT Sensing | Yes    | Adem Yıldırım                              | Bilkent Üniversitesi            | Turkey     | L       |
| 355 | Surface Plasmon Polariton Assisted Inter-Order Scattering in Biharmonic Metallic gratings for Sensing and Imaging | Yes    | Hasan Güner                           | UNAM - Institute of Materials Science and Nanotechnology | Turkey     | L       |
| 447 | Graphene Functionalized Surface Plasmon Resonance Sensors            | No     | Omer Saligoglu                        | Bilkent University                | Turkey     | L       |
| 570 | Spatial Infrared Filter for Chemical and Biological Sensing          | No     | Mecit Yaman                           | UNAM-National Nanotechnology Research Center, Bilkent University | Turkey     | L       |
| 17  | Flame Retardant Properties of Mineral Nanopowders Reinforced Composites | Yes    | Hüsnügül YILMAZ ATAY                  |                                  |            | N       |
| 87  | Fluroacrylate Liquid Marbles Floating on Water for Long Duration and the Calculation of Effective Liquid Marbles Surface Tension | No     | Ugur Cengiz                          | Gebze Institute of Technology     | Turkey     | N       |
| 188 | Nanomechanical Mapping: Why and How                                  | No     | Aykutlu Dana                          | Bilkent University                | Turkey     | N       |
| 254 | Nanomechanical characterization of thin coating using indentation, scratch and | No     | Fanny Ecarla                          | CSM Instruments                  | Switzerland | N       |
| Title                                                                 | Yes/No | Authors                                      | Institution(s)                                      | Country | Theme  |
|----------------------------------------------------------------------|--------|----------------------------------------------|-----------------------------------------------------|---------|--------|
| **tribological testing**                                             |        |                                              |                                                     |         |        |
| Antireflective and Antifogging Organically Modified Silica Thin Films | Yes    | Hülya Budunoğlu                              | Bilkent University                                   | Turkey  | N      |
| The Nanomechanics of Collagen Type II Investigated by the AFM and MD Simulation | Yes    | Kurtulus Golçuk                             | Department of Physics, Fatih University               | Turkey  | N      |
| Effect of van der Waals interaction strength and nanocluster size on the dynamical and mechanical properties of 1,4-cis-polyybutadiene melts | Yes    | İbrahim İnaç                                | Faculty of Engineering and Natural Sciences, Sabancı University | Turkey  | N      |
| The Rheological Behavior of Non-Aqueous Titania Suspensions          | Yes    | Öykü Çelen                                  | İzmir Institute of Technology                        | Turkey  | N      |
| Effect of Current Density on the Production of MWCNT Reinforced Zinc Matrix MMCs | Yes    | Ramazan KARSLIOGLU                         | Sakarya University                                   | Turkey  | N      |
| Fabrication And Characterization of Si Nanocrystals in SiC Multilayer Film For Third Generation Photovoltaics | No     | Arife Gencer Imer                           | Department of Physics, Yüzüncü Yıl University, 65080, Van | Turkey  | O      |
| Development of Photovoltaic Fiber Structure with Different Polymer-Based Nanomaterials | No     | Seda Keskin                                | Koç University                                       | Turkey  | O      |
| Silicon Nanowire - PEDOT:PSS Heterojunction Solar Cells              | Yes    | Barış Ozdemir                               | METU                                                 | Turkey  | O      |
| New Fuel Cell Electrodes Made from Graphene Nanosheets and their Nanocomposites | Yes    | Burcu Saner                                 | Sabancı University                                   | Turkey  | O      |
| Nanostructures by Glancing Angle Deposition for Energy Applications  | Yes    | Arif S. Alagoz                             | University of Arkansas at Little Rock                | United States | O      |
| Novel Nano-Composite Membrane Electrode Assembly for High Temperature Polymer Electrolyte Membrane Fuel Cell | No     | Selmiye Alkan Güsel                        | Sabancı University                                   | Turkey  | O      |
| Improved efficiency of thin-film solar cells via surface plasmon enhancement of metal nanoparticles and nanorods | Yes    | Ali Kermal Okyay                           | UNAM-Institute of Materials Science and Nanotechnology, İhsan Dogramacı Bilkent University | Turkey  | O      |
| Bulk Nanostructured Thermoelectric Bismuth Telluride                  | No     | Muhammet Toprak                            | Royal Institute of Technology                        | Sweden  | O      |
| Influence of Nanosized Pt Loading into LbL Modified Composite Membranes on Fuel Cell Performance at Different Operation Conditions | No     | Hüseyin Delioguz                           | Istanbul University                                   | Turkey  | O      |
| Insertion of lithium into vertically-aligned carbon nanotubes during growth | No     | Kuldeep Singh Rana                         | Bilkent University                                   | Turkey  | O      |
| New n-Type Materials for Organic Solar Cells                         | Yes    | Ceylan Zafer                                | Ege University Solar Energy Institute                | Turkey  | O      |
| Effect of Thickness in Hydrogenation of Mg/Pd Thin Films              | No     | Ayshe Gharemeshg Gharavi                   | Middle East Technical University                     | Turkey  | O      |
| Investigation on Silicon-nanospounge Structures Prepared by Magnetron Sputtering for Photovoltaic Applications | Yes    | Serim lday                                 | Middle East Technical University                     | Turkey  | O      |
| Carrier Transport and Reorganizations in CdSe Quantum Dot Sensitized Solar Cells | No     | Saim Emin                                  | Materials Resarch Laboratory, University of Nova Gorica | Slovenia | O      |
| RELATIONSHIP BETWEEN NEEDLE AND NEEDLE-LESS ELECTROSPINNING          | Yes    | ADNAN MAZARI                               | STUDENT TECHNICAL UNIVERSITY OF LIBERECK             | Czech Republic | O      |
| Effect of Concentration on PA6 (Polyamide 6) Nanofibers              | No     | Umran Ozkoc                                | Gaziantep University                                 | Turkey  | P      |
|编号|项目标题|是否|作者|机构|国家|主题组|
|---|---|---|---|---|---|---|
|125|Antibacterial Coating of Fabrics|No|Ali Kirecci|Gaziantep University|Turkey|THEME P|
|185|The Formation of stable Sodium Caseinate-Gum Complex for Nanoencapsulation and Delivery of EPA/DHA Fatty Acids in Fruit Juice|Yes|SEDEF NEHIR EL|EGE UNIVERSITY|Turkey|THEME P|
|210|Synthesis and characterization of calcium phosphate coated silk/nylon-6/6 nanofiber membranes|Yes|Eda Yalçın|Aksaray University|Turkey|THEME P|
|239|An Investigation of Needleless Electrospinning Methods|No|Funda Cengiz Callioglu|Süleyman Demirel University, Eng.&Arch. Faculty, Textile Eng. Dept., Cunur, 32260, Isparta|Turkey|THEME P|
|374|Thickness dependence of resistance in nanometer thick Ag deposited fibers by cylindrical inverted magnetron sputtering|Yes|Zeynep MERİÇ|Izmir Institute of Technology|Turkey|THEME P|
|13|Environmental application of chitosan-TiO2 nanocomposite in removal of methylene blue and nickel from waste water|No|Mohammadreza Khanmohammadi|Chemistry Department, Faculty of Scine, IKIU|Iran|THEME R|
|15|Sol-Gel Preparation of ZnO/Zn2TiO4 Nanocomposite for Photocatalytic Degradation of Crystalviolet|No|Simin Janitabar Darzi|Nuclear Science and Technology Research Institute|Iran|THEME R|
|92|Nanoparticles in the Subsurface Environment: Aggregation, Deposition and Pore Straining Phenomena|No|Burcu Uyuşur|TUBITAK Marmara Research Center Environment Institute|Turkey|THEME R|
|386|Nanotechnology in water resources|No|LEVENT YILMAZ|TECHNICAL UNIVERSITY OF ISTANBUL|Turkey|THEME R|
|58|Creation of regulatory framework and Policy Environment for the Development of nanotechnology in India|No|Madhulika Bhati Madhu|National Institute of Science, Technology and Development Studies|India|THEME S|
|452|Understanding individual and organizational factors affecting university-industry interactions in nanotechnology: Turkish case|Yes|BERNA BEYHAN|Middle East Technical University|Turkey|THEME S|