



**10th International Conference on Materials Science
and Nanotechnology for Next Generation, MSNG2023
27–29 September 2023 Erciyes University, Kayseri, TÜRKİYE**

SCIENTIFIC PROGRAM

Wednesday, September 27, 2023 (Sabancı Cultural Center)	
08:30 – 09:00	Registration
09:00 – 10:00	Opening Ceremony
10:00 – 11:45	<p>“PANEL”</p> <p>UNIVERSITY-INDUSTRY COOPERATION PANEL</p> <p>PARTICIPANTS:</p> <ul style="list-style-type: none">• ERCİYES UNIVERSITY• KOSGEB KAYSERİ MÜDÜRLÜĞÜ / KOSGEB KAYSERİ DIRECTORATE• KAYSERİ TİCARET ODASI / KAYSERİ CHAMBER OF COMMERCE• KAYSERİ SANAYİ ODASI / KAYSERİ CHAMBER OF INDUSTRY• KAYSERİ ORGANİZE SANAYİ BÖLGESİ MÜDÜRLÜĞÜ / KAYSERİ ORGANIZED INDUSTRIAL ZONE DIRECTORATE• KAYSERİ ŞEKER FABRİKASI A.Ş. / KAYSERİ SUGAR FACTORY INC.• ASPİLSAN• KIM TECHNOLOGIES• ERCİYES TEKNOPARK / ERCİYES TEKNOPARK
11:45 – 12:00	Visit to the Stands and Poster Presentations (P1- P51)
12:00 – 13:30	Lunch (Erciyes Üniversitesi Personel Yemekhanesi)
Session A 13:45 – 15:10	Chair: Prof. Sibel A. Özkan
13:45 – 14:05	Prof. Mustafa Soylak, Erciyes University, TÜBA. “LDH /MOF nanocomposites for pesticide determination”
14:05 – 14:25	Prof. Sezgin Bakirdere, Yıldız Technical University, TÜBA. “A simple and novel analytical strategy for the synthesis of nanomaterials in different shapes”
14:25 – 14:45	Assoc. Prof. Önder Metin, Koç University, TÜBA. “Development of Sustainable Chemical Conversions Using Rationally Designed Nanomaterials as Heterogeneous (Photo)Catalysts”
14:50 – 15:10	Prof. Fahrettin Yakuphanoğlu, Fırat University, “Radar absorption materials for phantom aircrafts”
15:10 – 15:20	Coffee Break
Session B 15:20 – 16:25	Chair: Prof. Fahrettin Yakuphanoğlu

15:20 – 15:40	Prof. Sibel A. Özkan, Ankara University, “An Overview of Electroanalytical Carbon-Based Nanosensors in Drug Analysis”
15:40 – 16:00	Prof. M. Serdar Önses, Erciyes University, “Omniphobic surfaces by mechanochemical processing of nanoscale materials”
16:00 – 16:20	Prof. Evren Mutlugün, Abdullah Gül University, “Advancements in Nanomaterials for Next-Generation Light Emitting Diodes and Optoelectronics”
16:20 – 16:30	Coffee Break
Session C 16:30 – 18:00	Chair: Asst. Prof. Emre Yavuz
16:30 – 18:00	Oral Presentations: OP1 – OP11 (Each OP: 8 min.)
19:30 – 22:30	Dinner (Kayseri Şeker Fabrikası Göl Tesisleri)
Thursday, September 28, 2023 (Sabancı Cultural Center)	
Session D 08:00 – 09:00	Invited Speakers (Online / Video)
08:00 – 08:15	Prof. Abuzar KABIR, Florida International University, “Design, development, and characterization of a universal sorbent coating for sorptive microextraction techniques”
08:15 – 08:30	Prof. Marcello Locatelli, University "G.d'Annunzio" of Chieti-Pescara, “The new frontiers in the field of sample preparation: from new materials to new applications”
08:30 – 08:45	Assoc. Prof. Fatima TOOR, University of Iowa, “Scalable Nano and Macro Light Management Approaches for Solar Photovoltaics”
08:45 – 09:00	Prof. Sampath V, Indian Institute of Technology Madras, “Influence of Heating Mode on Cyclic Temperature Range of an Ni-Ti Shape Memory Alloy during Partial Transformation Cycling”
Session E 09:00 – 10:45	Chair: Prof. Sezgin Bakırdere
09:00 – 09:20	Prof. Halil İbrahim Ulusoy, Sivas Cumhuriyet University, “Useful material design for solid phase extraction of drug molecules”
09:20 – 09:40	Prof. Şemsettin Altındal, “Voltage dependent profiles of interface traps and their lifetimes by using Admittance method in wide range of frequency and voltage at room temperature”
09:45 – 10:45	Oral Presentations: OP12 – OP18 (Each OP: 8 min.)
10:45 – 10:55	Coffee Break
Session F 10:55 – 12:00	Chair: Assoc. Prof. Önder Metin
10:55 – 11:15	Prof. M. Betül Yerer Aycan, Erciyes University, “Nanoformulations in targeted drug delivery systems”
11:15 – 11:35	Assoc. Prof. Emrah Soylu, Erciyes University, “Biochemical Materials and Dentistry”
11:35 – 11:55	Murat Gürek, HASÇELİK, “Materials Used in the Manufacturing of Cables and Conductors Used in Energy Transmission Lines and the Roles of These Materials in Energy Transmission”

12:00 – 14:15	Lunch (Talas Belediyesi Tesisleri) & Poster Presentations (P1- P51)
Session G 14:15 – 16:00	Chair: Assoc. Prof. Ayşegül Dere, Assoc. Dr. Erkan Yılmaz
14:15 – 14:35	Assoc. Prof. Ahmet Turan Özdemir, Erciyes University, ASPILSAN, “The Evolving Landscape of Battery Technologies: Meeting Diverse Energy Needs and Sustainability Demands”
14:35– 14:55	Assoc. Prof. M. Fatih Kaya, Erciyes University, BATARYASAN, “3D Printed Electrodes for Next Generation Hydrogen Energy Production Systems”
14:55 – 16:15	Oral Presentations: OP19 – OP25 (Each OP: 8 min.)
Session H 16:15 – 18:35	Chair: Prof. Canan Aksu Canbay
16:15 – 18:35	Oral Presentations: OP26 – OP42 (Each OP: 8 min.)
19:30 – 22:00	Dinner (Erciyes Üniversitesi Botanik Alakart)
Friday, September 29, 2023 (Sabancı Cultural Center)	
Session I 08:00 – 09:30	Invited Speakers (Online / Video)
08:00 – 08:15	Assoc. Prof. Ram K. GUPTA, Pittsburg State University, “Nanostructured Semiconductors for Energy Applications”
08:15 – 08:30	Dr. Mohamed A. Habila, King Saud University, “Processing Renewable Carbon Derived Materials for Environmental Remediation”
08:30 – 08:45	Prof. Husam Al NASSER, Al Al-Bayt University, “Investigation the surface and optical properties of ZnO thin films using spectroscopic ellipsometry”
08:45 – 09:00	Prof. Mehmet Eyüphan YAKINCI, Iskenderun Technical University, “Near 100 K superconductivity in GdBa ₂ (Cu _{3-x} Mg _x)O _{8+z} superconductor system”
09:00 – 09:15	Prof. Münis Dünder, Erciyes University, “CODE OF ARTIFICIAL CELLS”
Session J 09:15 – 12:00	Chair: Assoc. Prof. Fatma Kılıç Dokan
09:15 – 12:00	Oral Presentations: OP43 – OP62 (Each OP: 8 min.)
12:00-13:30	Lunch (Erciyes Üniversitesi Personel Yemekhanesi) & Poster Presentations (P1- P51)
Session K 13:30 – 16:00	Chair: Assoc. Prof. Serkan Dayan
13:30 – 16:00	Oral Presentations OP63 – OP82 (Each OP: 8 min.)
16:15 – 17:00	Closing and Award Ceremony

PRESENTATION LIST:

Oral Presentations:
OP-1-Kevser Şahin Tıraş, Deposition of nano and micro structured polymers to fabricate self-assembled monolayer
OP-2-Furkan Uzcan, Preconcentration of Atrazine in vegetable and water samples by solid phase extraction on Ag@MoS ₂ particles
OP-3-
OP-4-Merve Vurucuel, Manufacturing of hemogram reagents for complete blood count tests for hemogram devices and controlling of analytical performance parameters
OP-5-Özlem Çiçek, Effect of the sintering temperature on the microstructure of MgB ₂ bulks manufactured by in-situ technique
OP-6-Hatice Adıgüzel, ZnO nanorods fabrication and humidity detection properties
OP-7-Tuğçe Ertuğrul, A New Synthesis For The Use Of Spinel ZnCo ₂ O ₄ Material In Supercapacitor Applications: ZnCo ₂ O ₄ /Se/G-C ₃ N ₄
OP-8-İrem Ertuğrul, Investigation of The Role Of Transition Metal Sulfides In Supercapacitor Applications
OP-9-Fatih Öksüzöğlü, Synthesis and characterization of LATP solid electrolyte doped with two different boron compound for solid state Li batteries
OP-10-Nuray Güy, Increased photocatalytic degradation of organic pollutants over Cd _{0.5} Zn _{0.5} /BiOI under visible Light
OP-11-
OP-12-Zekiye Kocakaya, Green synthesis of Ag-ZnO nanocomposites using Cladonia foliacea lichen species and its use as an antimicrobial agent
OP-13-Zekiye Kocakaya-2, Lichen-Based Silver-Nanoparticle (AgNP) Synthesis and Applications as Antimicrobial Agent
OP-14-Orkhan Gulahmadov, Fabrication and Performance of a Triboelectric Nanogenerator based on Hot-Pressed Nylon/Fe ₃ O ₄ Nanocomposite Films for Sustainable Energy Harvesting
OP-15-Fatma Gül Uzun, Recent developments in stent production and stent applications in powder metallurgy
OP-16-Nuray Urgun-1, A comparative study on effects of different Interlayers in MIS type Structures
OP-17-Nuray Urgun-2, Dopant effects on insulating layers in MIS Structures
OP-18-Ayşegül Eroğlu Tezcan, The fabrication of Au/(CdTe:PVA)/n-Si type structure and investigation their complex dielectric constant, complex dielectric modulus, tangent loss, and ac conductivity by using capacitance/conductance-voltage (C/G-V) measurements
OP-19-
OP-20-Nebiye Kızıl, Magnetic Solid Phase Extraction (MSPE) of Acryla Blue BG from wastewater based on nanomaterial g-C ₃ N ₄ @Fe ₃ O ₄
OP-21-Sami Pekdemir, Fabrication of plasmonic structure based on silver ink
OP-22-Timuçin Emre Tabaru, LAB on Fiber Quasi-Distributed Bragg Grating Using SiON Doped Si for Biosensing
OP-23-Fahrettin Yakuphanoğlu, Fabrication of solar cell, diode, photodiode, sensors by Fytronix systems
OP-24-Şeyma Çalışkan, Supercapacitor performance of activated biochar derived from raw tea waste
OP-25-Emine Büşra Çolakoğlu, Stainless steel mesh as an effective support material for dynamic membrane layer formation
OP-26-Şule Göktürk, Nanotechnological products used in cerebral aneurysm treatments: Coils
OP-27-Yasin Göktürk, Nanotechnological products used in cerebral aneurysm treatments: Stents, Webs and Balloon Catheters
OP-28-Güneş Kibar, Solid and Nanostructured Lipid Carriers Synthesis in Microfluidic and Batch Reactors
OP-29-Tevhide Ayça Yıldız, Green solvent processed n-channel organic field-effect transistors
OP-30-Saleh Abubakar, Investigation of Radiation Effects on Yttrium Oxide MOS Capacitors
OP-31-Oktay Karaduman, Determination of the Thermodynamic SME Parameters and Related Structure of Arc Melted CuAlNiV HTSMA
OP-32-Oktay Karaduman, Thermo-structural Analysis of High Temperature Martensitic Transformation of Ternary CuAlFe Alloy
OP-33-Sultan Karagöz, The TiO ₂ -Containing Superhydrophobic Pellet Surfaces for Photocatalytic Degradation and Oil Absorption Applications
OP-34-

OP-35-Esra Yükseltürk, Voltage dependent dielectric properties, electric modulus, and ac conductivity in Al/p-Si structures with SiO ₂ and Graphene doped PVP interlayer at 1 MHz
OP-36-Mehmet Ünsal Barak, Five Lichenicolous Fungi Species Recorded For The Second Time From Türkiye
OP-37-Davut Aksüt, Effect of Resin Content on The Curing and the Stress Relaxation Properties of Poly(epichlorohydrin-co-ethylene oxide) based Elastomers
OP-38-Efdal Teknikel, Utilizing a BODIPY-based Chemosensor for Smartphone-Assisted Detection and Discrimination of Amines
OP-39-
OP-40-Menekşe Şakir, Determination of L-DOPA with Tyrosinase in the presence of MTBH on Cu nanostructured SERS-active substrate
OP-41-Dönay Yuvalı, Magnetic nanoparticle-based hybrid materials for analysis and separation of antineoplastic drugs
OP-42-Hümevra Karakaya, Green Synthesis and Characterization of Antibacterial ZnO NPs
OP-43-İbrahim Deneme, Solution-Processable Indenofluorenes: N-Channel Field-Effect Transistors
OP-44-Muhammed Ali DURMAZ, Development of Ag/C Assisted Hydrogen Evolution Reaction (HER) Electrocatalysts for PEM Water Electrolyzers Using Electronic Waste Materials
OP-45-Sevda Yetiman-3, An innovative approach to capitalize visible light activated photo-supercapacitor
OP-46- Aydın Güneş, Recycling Methods of Carbon Fiber Reinforced Composite Materials and Reuse of Obtained Carbon Fibers
OP-47-
OP-48-A. Duman, Synthesis of low-cost milk-copper (II) hybrid nanoflower and investigation of dye decolorization performance
OP-49-Mustafa Süner, Activated Carbon Production from Almond Shells by Hydrothermal Method
OP-50-Emine Feyza Şükür, Investigating Low-Temperature Effects and Micro-Crack Influence on CF/PEKK Flexural Characteristics of Aerospace Composites
OP-51-Hümevra Karakaya, The Effects of Synthesis Conditions on The Properties of Hydroxyapatite Nanoparticles Produced by Wet Chemical Precipitation Method
OP-52-Hassan Elzain Hassan Ahmed, Metal-organic framework-based nanocomposite for trace tebuconazole determination in food and water samples
OP-53-Muhammad Balal Arain, Dispersive solid phase microextraction using ND@NiCoFe-LDH used as a novel material for the extraction of lead in juice samples
OP-54-Hamid Hashemi-Moghaddam, Synthesis of molecularly imprinted polymer@MOF-199 for solid phase extraction of Carbofuran
OP-55-Selma Nacak, "Green" microwave-assisted one-step-synthesis of hydrophilic upconversion nanomaterials (NaGdF ₄ :Yb ³⁺ :Er ³⁺)
OP-56-Özgür Özalp, Application of magnetic solid phase microextraction on MOF-74 (Co)@ Fe ₃ O ₄ nanocomposite of Pb(II) and Cu(II) ions in industrial plants and water samples
OP-57-Sefa ERTÜRK, Preliminary Results From Development of the Novel Portable Imaging System
OP-58-Lütfiye Aydın, Simple Andlarge-Scaleproduction Of Surfactant-Free Ferroluid With Long-Term Stability For Industrial-Scale Applications
OP-59-Seydiye Koca, In Orthotic Soles to be Used to Eliminate Leg Length Differences Overview of the Use of Polymeric Materials
OP-60-Emrah Sarıca, Investigating the Performance of CdO Thin Films for Optoelectronic Heterojunctions
OP-61-Sevda Yetiman-1, High potency progressive zinc-ion hybrid supercapacitor based on Mxene and metal composites
OP-62- Sevda Yetiman-2, Assessment of the electrochemical characteristics of biomolecule contentful metal sulfur hybrids at high operative potential
OP-63-Murat Kısıt, Enhancing Performance of Oxygen Evolution Reactions via Pd Coated 3D Printed SS316L Gas Diffusion Layers for PEM Water Electrolyzer Anode
OP-64-Qamar Salamat, Solid phase microextraction of Amaranth dye by using MnCoFe-LDH@Ni-MOF coated hollow fiber membrane as an effective adsorbent from water and food samples
OP-65-Senem Sanduvaç, Multifunctional applications of ZIF-8/MnO ₂ composite materials
OP-66-Dilek Şenol Arslan, An Investigation of How Ultrasonic Process Affects the Size Distribution of Specific Minerals
OP-67-Eray Çalışkan, Investigation of the Thermal, Kinetic, and Dielectric Properties of a Novel Methacrylate Homopolymer Derived from Naphthol-Containing Cinnamic Acid Derivative

OP-68-Dilek Kuzaliç Bürücü, A DFT Study on Drug sensing and detection of Silicon Carbide (SiC) nanotubes
OP-69-Mehmet Yılmaz, Mn doping effect on the interactions of Furan with molecular magnets of MnAu ₇ clusters
OP-70-Fulya Sütçü Güney, Investigation of the Removal of Pazopanib from Wastewater by Solid Phase Extraction Method by Using the Synthesized Multifunctional CoFe ₂ O ₄ @g-C ₃ N ₄ Nanomaterial as Adsorbent
OP-71-Amir Abbas Matin, Nanostructured magnetic catalysts and biocatalysts for biodiesel production
OP-72-Fatmanur Uyan, Drug-loaded Yttrium MPOF nanomaterials: An innovative approach to cancer treatment
OP-73-Şükrü Karataş, The electrical properties of Au/n-type Si structures with SiO ₂ interlayer layer under illumination condition
OP-74-Şükrü Karataş, The electrical and dielectrical properties of Au/n-type Si structures with PTCDA interlayer layer under illumination conditions
OP-75-Osman Kahveci, Alkaline corrosion performance of Pure Al anode for Al-air battery potential applications
OP-76-Dilek Aker, Investigation of morphological and optical properties of ZnS@g-C ₃ N ₄ nanocomposites and photocatalytic removal of methylene blue dye
OP-77-Süheyl Furkan Konca, Design and Optimization of Hydrogel as a Drug Delivery System
OP-78-Ayşegül Dere, Investigation of dielectric properties of HAp-based Strontium-doped materials for biomedical applications
OP-79-
OP-80-Ömer Papak, g-C ₃ N ₄ @WO ₃ Multifunctional Nanomaterial for Photocatalytic Degradation-based Removal Organic Contaminants (Ibuprofen, Acetaminophen) in Water
OP-81-Ümit Bayram, Eutectic Growth and Experimental Results of Unidirectionally Solidified Tin-Zinc-Aluminium Alloy Known as a Significant Candidate for Alternative Lead-Free Solders

Poster Presentations:

P-1-Hamid Hashemi-Moghaddam, Application of a magnetic molecularly imprinted polymer for removal of aflatoxins from milk samples
P-2-
P-3-Şeyda Kaya, Comparison of performances of different reagents in lignite flotation
P-4-Özgür Özalp, Preparation and characterization of Ag modified ZnO nanoflowers for solid phase microextraction of Lead from real samples
P-5-Zeliha Soran Erdem, Plant Extract Entrapped Polyethylene Oxide/Zein Nanoparticles Loaded Gelatin Nanofibers for Sustainable Food Packaging
P-6-Fatma Oğuz, Ultrasound assisted-solid phase extraction of Indigo Carmine dye from textile, food and water samples with novel activated walnut green bioadsorbent prior to its spectrophotometric determination
P-7-
P-8-
P-9-Hazret Durmuş, Change of the Dielectric Properties of Oltu Stone with Humidity and Frequency
P-10-Merve Küçükoflaz Korkmaz, Nanofiber-Based Treatment for Dentin Hypersensitivity: A Novel Approach to Occlude Dentinal Tubules
P-11-Hikmet Evlioğlu, Investigation of the optoelectronic properties of carbon quantum dots
P-12-Osman Dayan, Ruthenium Complexes based Photonic Devices for Electro-optic Applications
P-13-
P-14-Emre Can Tayfun, Investigation of the structural, magnetic and catalytic properties of multifunctional FeCo nanoparticles synthesized by the modified polyol method
P-15-Amine Demir, Effective natural deep eutectic solvent based liquid-liquid microextraction of Patent Blue V from drugs and food samples
P-16-Türkan Zorlu, Nonanoic acid as an extractor for green determination of Rhodamine B from environmental samples
P-17-Eda Bora, Natural deep eutectic solvents based liquid phase microextraction of Patent Blue V (E131) in drug samples before its spectrophotometric detection
P-18-Şeyda Yayla, Development of MIP-based electrochemical sensor for Quantitation of Rutin in plant-derived commercial food supplement
P-19-Mert Olgun Karataş, Anthracenyl substituted N-heterocyclic carbene complexes for bioimaging in cancer cells
P-20-Hassan Elzain Hassan Ahmed, Activated nanodiamond covered on MIL-125 (Ti) metal-organic framework (A-ND@MIL-125) for efficient μ -solid phase extraction of cadmium and lead from water and food samples

P-21-Muhammad Balal Arain, ND@Bi ₂ MoO ₆ as a novel adsorbent for the determination of lead in food and water sample for dispersive solid phase microextraction (DSP- μ -E)
P-22-Ayşe Nur Çoban, Magnetic DPF@WSe ₂ nanocomposite as an effective adsorbent for the magnetic micro-solid phase extraction (m μ -spe) of cobalt at trace levels from food, tobacco, and water samples
P-23-Oğuzhan Göktaş, Nickel enrichment using solid phase extraction method prior to its measurement using Ultraviolet-Visible spectrophotometry (UV-VIS)
P-24-Birgül Aksu, Enhanced nickel (II) extraction in food and water samples using C-ND@CuAl ₂ O ₄ @TiO ₂ nanocomposite in micro-solid phase extraction
P-25-Aslıhan Gürbüzler, Synthesis and Characterization of a New Magnetic Adsorbent for Solid Phase Extraction of Sibutramine and Fluoxetine
P-26-Esra Durgun, Synthesis of Magnetic Nanoparticles for Trace Determination of Fingolimod and Citalopram Molecules
P-27-Merve Nur Kaynak, Magnetic solid-phase microextraction based activated walnut shell Biowaste@Aptes@Fe ₃ O ₄ followed by spectrophotometry for the determination of Brilliant Black bn from food, water, cosmetics and packaging samples
P-28-Ümmügülüm Polat, Synthesis and Characterization of Magnetic Nanoparticles as a Potential Adsorbent in Magnetic Solid Phase Extraction
P-29-Nurvet Kirkgeçit, Tailoring Optical and Crystal Structural Properties of Bismuth Ferrite Based Nanomaterials via Ion Doping for Enhanced Photocatalytic Activity
P-30-Dönay Yuvalı, Photocatalytic degradation with nanoparticles for pharmaceutical compounds and waste
P-31-Bünyemin Coşut, BODIPY Based COF Materials
P-32-Songül Ulusoy, Synthesis and Characterization of Magnetic Nanoparticles as a Potential Adsorbent in Magnetic Solid Phase Extraction of Thiamine Molecules
P-33-Sefa Tütüncü, Development Analytical Methodology for Apremilast Drug Molecule based on Magnetic Solid Phase Extraction and HPLC Analysis
P-34-Yunus Zorlu, Self-Assembled Cd(II) Frameworks Based on Terpyridine/Cyclotriphosphazene Mixed Ligand System as Photocatalyst for Water Remediation
P-35-Abidin Eşidir, Fabrication of Random and Microscale Features on a Photoresist Film
P-36-Ayşe Nur Ağar, Development of supercapacitors for use in aircraft
P-37-Amina Ben Ayed, Stretchable and Robust Lead-Free Piezocomposite Nanogenerator for Wearable Energy Harvesting
P-38-Qamar Salamat, Solid phase microextraction and chromatographic determination of Diniconazole pesticide by applying MnCoCu-LDH@MOF-235 (Fe) as an adsorbent from water and environmental samples
P-39-Kenan Koran, Synthesis of Ferrocene-based novel cyclotriphosphazene compound using click chemistry and investigation of electrical properties as organic Schottky diode
P-40-Fatih Biryant, Investigation of diode properties of new diazo-chalcone derivatives having electroactive groups
P-41-Fatih Biryant, Click chemistry coupling of thieno-based polymers with spiro-phosphazene and investigation of their electrical and diode properties
P-42-Amir Abbas Matin, Choline chloride/1-Phenylethanol based deep eutectic solvent; application for monitoring of organochlorine pesticides in environmental water samples
P-43-Sultan Üney, Selective Surface Decorated Nanofibers via Functional Nanomaterials and Their Potential Applications
P-44-Fatih Öksüzöğlü, Synthesis and characterization of Ga-LLZO solid electrolyte material used in lithium batteries
P-45-Çiğdem Özer, Synthesis of Superhydrophobic Magnetic Nanoparticles for Trace Rhodamine B (RhB) Analysis
P-46-Funda Güney, Synthesis and Characterization of Nickel / Phosphate / Organic Frameworks for Drug Release
P-47-Tuncay Toydemir, Fabrication of superhydrophobic surfaces with nano boron nitride for denim fabrics
P-48-Suzan Çekirdek Özsözlü, Synthesis and catalytic applications of nanohybrid structures containing N-donor ligand and Zn(II) metal ion
P-49-Seda Duman, An efficient determination method for Sudan III dye from food samples by natural deep eutectic solvent based liquid phase microextraction
P-50-Bilge Özcan, Determination of MTX Drug Release Behavior of Zn-MPOF Nanoparticles
P-51-Aslıhan Ekici, (TiSe ₂ /Fe ₃ O ₄ /ZnS): A Multifunctional Nanomaterial For Magnetic Solid Phase Extraction And Photocatalytic Degradation Of Sildenafil Citrate
P-52-Burak Okan Yazan, Structural and surface properties of PbO thin films deposited by SILAR with different amounts of Cu-doping

