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***This list is arranged in alphabetical order.**

ORAL PRESENTATIONS		
25 June 2025	**SESSION 1**	**Time 09:00 – 10:30**

Session 1.1 / 09:00 – 10:30	**Session Chair :**
1	112-**Adsorptive Stripping Voltammetric Determination of Apigenine on a Glassy Carbon Electrode Improved by The Use of Surfactant** Pınar Talay Pınar*
2	578-**From Waste to Worth: Sustainable Nanofibers from *Aloe vera* and Recycled Polystyrene** Fatma Rabia Karaduman*
3	377-**Synthesis and characterization of graphene-derived materials as a composite additive** Elif Aydın*, Emine Ekinci, Birce Pekmezci Karaman
4	556-**Preparation and Characterization of N-doped Graphene Oxide-Based Hybrid Metal Oxide Composite Anode Materials for Button Cell Applications** Alican Çördük* , Zekerya Dursun
5	586-**Cyclic amine linked *p*-benzoquinones and their antimicrobial analyses** Mahmut Yıldız*, Hatice Yıldırım, Nilüfer Bayrak, Selin Melis Çakmak, Emel Mataracı-Kara, Berna Özbek-Çelik, Amaç Fatih Tuyun
6	591-**Degradation and mineralization of acid fuchsin dye from aqueous media by means of electrochemical water treatment methods** Selen Özdemir, Elif Nesli Yanık, Melis Genç, Eylül Öztürk, Ceren Eğilmezcan, Baran Özyurt, Şule Camcıoğlu*
7	25-**Electrochemical Surface Modification of Screen-Printed Gold Electrodes for Enhanced Performance and Kinetics** Turgut Sönmez
Discussion	
Break (10:30 – 11:00)	

Session 1.2 / 09:00 – 10:30	**Session Chair :**
1	74-**Revolutionizing Skincare: The Rise of Probiotics in the Cosmetic Market** Tuba AVCI , Ebru UYAR
2	152-**Biological Control Potential of EPNs Against the Citrus Mealybug** Şebnem Hazal GÜLŞEN*
3	171-**L-Alanin, L-İzolösin, ve L-Valin Amino Asit Metil Esterlerinin *Candida albicans* ile Bazı Gram pozitif ve Gram negatif Bakteri Suşlarına Karşı Antimikrobiyal Etkilerinin Araştırılması** Tuğçe Deniz Karaca*, Gülcan Şahal, Handan Sevim Akan
4	186-**The Oral Microbiota and Its Relation to Oral Health and Systemic Diseases: A comprehensive Review** Abdulridha Taha Sarhan
5	300-**A faunistic survey on wild bees of the Aegean region, Turkiye** Serap SENOL TUNCAY*, Baris GULCU, Canan HAZIR, Harun CIMEN, Mustapha TOURAY, Sebnem Hazal GULSEN, Selcuk HAZIR
6	355-**Antimicrobial target identification in *Vibrio cholerae* via reporter metabolite analysis** Fatma Gizem Avci*
7	418-**Effect of *Alcea rosea* var. *nigra* flower extract on cancerous and non-cancerous pleural mesothelial cells** Israt JAHAN*
8	420-**Park ve Bahçelerde Bulunan Zehirli Bitkiler ve Bunların Tıbbi Kullanımları Üzerine Bir İnceleme** Hülya Hoşgören*
Discussion	
Break (10:30 – 11:00)	

Session 1.3 / 09:00 – 10:30	**Session Chair :**
1	169-**Machine Strength Grading of Fir Structural Boards According to TS EN 14081-2 Standards.** Fatih Kurul*
2	175-**Comparison of Dimensional Accuracy Performance of PLA Filament in 3d FDM Printing** Sedanur SEKER*
3	218-**İndiyum monotellüride dayalı ileri malzemelerin elde edilmesi ve bazı termofiziksel özellikleri** Çingiz Abilov*, Mehriban Hasanova, Elmira Gasimova, Nigar Huseynova
4	375-**A comparative investigation on short-beam strength of 3D-printed hybrid curved composites** Sedat Süsler*
5	487- **Cadmium (II) Adsorption from Aqueous Media using Mercapto-Functionalized Silica Xerogels** Selay Sert Çok*, Zoltán Dudás
6	491-**Synthesis and optical properties of erbium-doped lithium calcium borate ($Li_6CaB_3O_{8.5}:Er^{3+}$)** Mükremin Yılmaz*
7	520-**İnce kesitli küresel dökme demirlerde döküm sıcaklığı, kesit kalınlığı ve ısıl işlem parametrelerinin mikro yapı ve sertliğe etkisi** Bekir Yavuzer*, Yakup Ege, Murat Kaya, Yasin Kartal, Cem Çapanoğlu
Discussion	
Break (10:30 – 11:00)	

Session 1.4 / 09:00 – 10:30	**Session Chair :**
1	51-**Localizing fetal skulls by fitting** Umut Konur*
2	96-**Çok Ölçütlü Grup Öneri Sistemlerinde Popülerlik Yanlılığı** Tuğba Türkoğlu Kaya*
3	106-**Diabetes Classification Using MLP, SVM and Random Forest** Taha ETEM*
4	197-**Time – space tradeoff in array merging problem** Subhan Guliyev* , Mehmet Emin Dalkilic
5	243-**Manual or Automated? A UI Testing Comparison** Zeynep Ceren BAYRAM, Gulfem ISIKLAR ALPTEKIN
6	247-**Identification and Classification of Entity Names in Turkish Celebrity News Contents** Merve Adak**,** Mehmet Dikmen
7	277-**Applying AlphaZero to a Simultaneous Fixed-Sum Game: Rock-Paper-Scissors-Minus One** Tuğba Coşkun*
8	293-**Development of a Renewable Energy-Powered Autonomous Irrigation System for Sustainable Landscape Management** Muhammed Enes Kandemir, Eren Güler, Hüseyin Gürgün, Gökhan Yavuz, Hakan Temiz
Discussion	
Break (10:30 – 11:00)	

Session 1.5 / 09:00 – 10:30	**Session Chair :**
1	39-**Investigation of the Material Effect on Rotor Mechanical Stress** Yusuf Bello Saleh*, Abdullahi Abba Abdullahi
2	46-**Optimizing Renewable Energy Integration in the Kurdistan Province Microgrid: A Comparative Analysis of Feed-in Tariff and Net Metering Policies** Fooad Karimi Ghaleh Jough*, Mohammadreza Gholami
3	101-**Design Optimization of Corona Rings for Electric Field Control Using Finite Element Analysis** Burak Esenboğa*
4	155-**Pedestrian Detection and Target Classification in Urban Forestry Environment with FMCW Automotive Radar and CNN** Serdar Sarigul*, Yunus Egi, Harun Taha Hayvaci
5	216-**Neural network-driven perturbation and observation method for global maximum power point tracking in PV systems** Hatice Gül Sezgin-Ugranlı
6	310-**Erbiyum Katkılı Fiber Yükselteç ile Farklı Senaryolarda Oluşturulan Düzeneklerde Çıkış Kazancı ve Gürültü Analizi** Kahraman ZAİM*, Murat YÜCEL, Mustafa Serdar OSMANCA
7	376-**Effect of organic alizarin sensitizer on the efficiency of TiO_2-based dye-sensitized solar cells under different light intensities** Fatih Akpınar*, Sümeyra Tuna Yıldırım, Sefa Gözcü, Aykut Astam, Memet Ali Yıldırım
8	341-**A Comparative Analysis of Tracking Algorithms Used On The Ground_Based Platform To Monitor Moving Targets** Kübra PAPÜR, Nebi GÜL, Ömer Faruk ELALDI, Murat ÜÇÜNCÜ
Discussion	
Break (10:30 – 11:00)	

ORAL PRESENTATIONS		
25 June 2025	**SESSION 2**	**Time 11:00 – 12:30**

Session 2.1 /11:00 – 12:30	**Session Chair :**
1	107-**The Biotechnological Importance of Keratin and its Isolation Process from Waste Hair Samples** Özlem BİÇEN ÜNLÜER
2	205-**Investigation of Potential Antiviral Activity of *Hypericum perforatum* Extract Against SARS-CoV-2** Gülşah Akbaş, Jenya Dursun, Şeyma Aydınlık, Yüksel Çetin*
3	327- **Potential effects of *Moluccella leavis*-silver nanoparticles on lung cancer cell viability and apoptotic cell death** Pınar Yumrutaş, Mustafa Pehlivan, Demet Taşdemir, Pınar Aksoy, Yağmur Töremişoğlu, Önder Yumrutaş
4	334-**Repositioning Existing Drugs to Target DNMT3A in Liver Cancer: A Site-Focused Structural Approach** Shatha Khadra , Nasma Anjrini, Tugba Bal*
5	511-**Mikroalglerin sürdürülebilir bir üretim için uygulama alanları üzerine güncel bir inceleme** Melike Yalçınkaya* , Seda Balkan
6	527-**Elektrosprey ve 3B Biyoyazıcı Yöntemleri ile *Cinchona* Ekstresi ve Arap Zamkı İçeren Fonksiyonel Yara Örtülerinin Geliştirilmesi** Ceylan Büyüktaş*, Sinem Koçer , Azime Erarslan , Anıl Tevfik Koçer
7	584-**Evaluation of Blueberry Pruning Waste as Antimicrobial Agent in Edible Film Content Containing Probiotic** Ali Saglam, Mehmet Cobanoglu, Merve Alan, Meltem Asan-Ozusaglam*
8	587-**Development of Edible Composite Film with Clove Extract and Probiotic to Improve Strawberry Shelf Life** Ali Saglam, Mehmet Cobanoglu, Merve Alan, Meltem Asan-Ozusaglam*
Discussion	
Break (12:30 - 13:00)	

Session 2.2 / 11:00 – 12:30	**Session Chair : zooloji**
1	148-**Mancozeb Toksisitesinin Nil Tilapiası *Oreochromis niloticus'un* Solungaçlarında SOD enzim aktivitesine etkisi** Özge TEMİZ*
2	149-**İmidacloprid Toksisitesinin *Oreochromis niloticus* Beyin dokusunda Asetilkolinesteraz Aktivitelerinde Oluşan Yanıtlar** Özge Temiz*
3	297-**Genetic identification of *Myomimus roachi* (Rodentia: Gliridae) from Türkiye using DNA barcoding** Ercüment Çolak, Engin Selvi* , Teoman Kankılıç, Perinçek Seçkinozan ŞEKER*, Reyhan Çolak, Nuri Yiğit
4	512-**Granulocyte: the key hemocyte of humoral and cell-mediated immunity** Serhat KAYA*
5	551-***Hypericum perforatum* Modulates Innate Immune Responses in *Galleria mellonella*: A Dose-Dependent Analysis** Serhat KAYA*
6	673-**Nanoplastic Toxicity in Fish: The Trojan Horse Effect** Firas MUHAMMED, Demet DOGAN
7	677- **Understanding Pesticide Toxicity in Fish: Detoxification versus Bioactivation** Tarek FAKHEREDDIN, Demet DOGAN
Discussion	
Break (12:30 - 13:00)	

Session 2.3 / 11:00 – 12:30	**Session Chair :**
1	154-**Differential effects of lipopolysaccharide and SARS-CoV-2 spike protein on RAS-related gene expression in normal and colon cancer epithelial cells** Aysegul Yilmaz*, Safiye Gocer
2	265-**Bottled Drinking Water And Microbiological Quality** Amilda Ballata, Zenilda Cilaj
3	398-**Determination of antibacterial, antifungal, and insecticidal effects of secondary metabolites from entomopathogenic fungi** Seda BİRYOL*, Ali SOYDİNÇ , Mehtap USTA, Sevda IŞIK
4	458-**Antiquorum Sensing and Antibiofilm Potentials of *Origanum vulgare* L.** Ayşegül Akkoyunlu*, Görkem Dülger, Başaran Dülger
5	606-**Effects of Olive Leaf Extract on Enzyme Activities of Actinobacteria Isolates and Molecular Identification of Isolates** Fadime Özdemir*, Öznur Bilgin , Fatih Tozoğlu
6	607-**To Compare maternal outcomes aming pregnant woman with COVID-19 infection, stratified by body mass index : normal weight, overweight and obesity.** Vera Beca* Mirela Rista, Daniela Nakuci, Eliona Demaliaj
7	682- **Toprakta mikroplastik (MP) kirliliğinin mikrobiyal ekoloji üzerindeki etkileri** Derya İŞLER CEYHAN
Discussion	
Break (12:30 - 13:00)	

Session 2.4 / 11:00 – 12:30	**Session Chair :**
1	81-**The Effect of Nano-Hydroxyapatite Forms on the Growth of Barley Plants Grown in Hydroponic Conditions Under Combined Boron and Salinity Stress** Mehmet Burak Taskin*
2	396-**Arıtma çamurunun sorgum yetiştiriciliğinde kullanım potansiyeli** Mustafa Kutay Karadayı*, Osman Sönmez, Fatma Nur Kılız
3	423-**Tarım İşletmeleri ve Sürdürülebilirlik Perspektifinden IV. Tarım Orman Şûrası Kararları** Hüseyin Tayyar Güldal*
4	562-**Potassium Uptake, Transport, and Use Efficiency: Molecular and Biotechnological Perspectives** Esma Yiğider, Sümeyra Uçar, Murat Aydın*, Ertan Yıldırım
5	589-**Thermal and Chemical Assessment of Rolled Tobacco from Two Turkish Regions: Aegean and Southeast** Pelin Güzel , Doğa Topcu, Deniz Uykun Mangaloğlu*, Işık Çoban
6	597-**Optimization of Bioethanol Production from Tobacco and Tobacco Product Wastes** Ayşenur Uzunbay, Emrullah Yılmaz , Betül Taşbakır, Pelin Güzel*, Deniz Uykun Mangaloğlu, Işık Çoban
7	689- **Effects of The Diatomaceous Earth and Entomopathogenic Fungi Against The Tomato Leafminer Moth, Tuta absoluta (Meyrick) [Lepidoptera: Gelechiidae] in Field Condition.** Zainelabdin Adam Mohmmed Ali, Orkun Barış KOVANCI
8	661- **Pharmacological Potential of Essential Oils: Current Approaches to Naturally Sourced Therapeutic Agents** Oguzhan Koçer
Discussion	
Break (12:30 - 13:00)	

Session 2.5 / 11:00 – 12:30	**Session Chair :**
1	111-***In vitro* and *in silico* evaluation of schiff base and bis-α-aminophosphonate derivatives as potent α-glucosidase ve tyrosinaze ınhibitors** Emel Ekinci*, Harun Çiftçi, Şevki Adem , Özlem Gündoğdu Aytaç
2	157-**Effects of *craterellus lutescens* (chick) fungus on peroxidation of olive oil** Ayşegül KARAPINAR ARİF* , Baran ÖNER, Yağız Ege TAŞKIRAN
3	295-**Sustainable Production from Waste Rooster Combs: High-Purity Hyaluronic Acid Isolation and Structural Analysis** Banuay Coşkun
4	317-***In vitro* evaluation of a dual drug-loaded delivery system for the treatment of hepatocellular carcinoma** Ümmühan Fulden Aydın*, Şenay Şanlıer, Abdullah Tuli
5	380-**Protective Effect of *Cotinus coggygia* Scop. Extract on Ethanol-Induced Kidney Damage** Fatma Gulnaz Karakus *, Sevim Tunali, Refiye Yanardag
6	382-**Protective Effects of *Cotinus coggygria* Scop. Extract Against Ethanol-Induced Glycosylation Anomalies in Small Intestinal Tissue** Fatma Gulnaz Karakus *, Sevim Tunali, Refiye Yanardag
7	629- **Immobilization of Urease on Cellulose Nanocrystals via Different Modifications** Elif TOKU* , Özlem ALPTEKİN , Serap YALIN
8	693- **A Preliminary Evaluation of Bioactive Compounds in *Galium divaricatum*** Nurdan Yazici*, Ayşenur Koçan, Hava Dudu Cavlak
Discussion	
Break (12:30 - 13:00)	

ORAL PRESENTATIONS		
25 June 2025	**SESSION 3**	**Time 13:00 – 14:30**

Session 3.1 /13:00 – 14:30	**Session Chair :**
1	644-**Radiation Shielding Properties of Gd_2O_3 Reinforcement Paraffin Materials: MCNP6.2 Simulation Analysis** Seyit Çağlar*
2	123-**Green *Papaver somniferum L.* seed and shell extract in a 1 M HCl solution for mild steel corrosion prevention** Reşit Yıldız , Selim Arslanhan*
3	374-**Finite Element Analysis of Natural Rubber-Based Damping Components** Nedimcan ÖNDER*, Hasan KASIM
4	538-**High-Performance X-Band microwave absorbers: Synergistic effects of MoS_2, $CoFe_2O_4$, and conducting polymer coating** Burak Kıvrak*, Hasan Akyıldız, Oğuzhan Akgöl, Muharrem Karaaslan, Mustafa Akyol
5	48-**Powder metallurgical synthesis and characterization of Al-10 wt.% Si-x($Hf_{0.2}Ti_{0.2}Zr_{0.2}V_{0.2}Ta_{0.2}$)$B_2$** İlayda Süzer, Duygu Ağaoğulları
6	698- **Influence of Shot Peening on Surface Residual Stress and Microstructure Evolutions of R260 Rail Steel** Ahmet Deveci, Harun Mindivan*
7	699- **Influence of Shot Peening on Impact-Sliding Wear Behaviour of R260 Rail Steel** Ahmet Deveci, Harun Mindivan*
Discussion	
Break (14:30 - 15:00)	

Session 3.2 / 13:00 – 14:30	**Session Chair :**
1	399-**Ortaöğretim Kurumları İçin Çok Kriterli Karar Verme Tabanlı Sürdürülebilirlik Skorlama Algoritması Geliştirilmesi** İbrahim Işıklı, Bayram Köse, Serkan Ansay , Nejdet Çelik, Ahmet İstek
2	410-**Araçtan şebekeye (V2G) şarj teknolojisinin enerji yönetimi açısından değerlendirilmesi** Mahammad Muradzade* İbrahim Gürsu TEKDEMİR
3	442-**Voltage Regulation Analysis with PV System Integration: A Campus Distribution Network Case Study** Berk Tuncer*, Engin Cetin
4	468-**Uplink-NOMA Transmission over Málaga Channels** Kardeş Aslan*, Tansal Güçlüoğlu
5	488-**Millimeter-Wave Radar for Short-Range Mobility Detection** Mehmet Ziya Keskin*, Abdulkadir Yentür, İbrahim Tuna Özdür, Veli Tayfun Kılıç
6	613-**Performance Analysis of Metaheuristic Algorithms in the Parameter Tuning of BLDC Motor PID Controllers** Abdulkadir YILMAZ , Murat DEMİR
7	634-**Application of a New Numerical Approach for Neural Ordinary Differential Equations** Altan Onat*
8	683- **Scalability analysis and performance evaluation of massive MIMO network** Onem Yildiz
Discussion	
Break (14:30 - 15:00)	

Session 3.3 / 13:00 – 14:30	**Session Chair :**
1	440-**Antileishmanial activity and chemical composition of fractions from an endophytic fungus, AMrb9 inhabiting Cameroonian *Annona muricata* L. (Annonaceae)** Victorine Lorette Yimgang*, Eric Coffie, Barbara Zenabu Anibea, Christine Achiaa Antwi , Theresa Manful Gwira, Rufin Marie Toghueo Kouipou, Alevcan Kaplan, Dorcas Osei Safo, Fabrice Fekam Boyom
2	482-**Transcript levels of genes encoding pyroptotic effector proteins in triple-negative breast cancer (TNBC) and non-TNBC, and based on hormone receptor (HR) and HER2 status** Caglar BERKEL*
3	590-**Toxicological Effects of Phosmet on *Eisenia fetida*: Oxidative Stress, Energy Reserves, Enzymatic Responses and Histopathological Alterations** Muhterem Elif Demirağ*, Esra Akat Çömden
4	608-**Evaluation of Solvent Type and Concentration on the Extraction Efficiency of Phenolic Compounds from *Urtica dioica*** Hussein Abbas Lazim Maliki*, Esra Gökçe Gündüzer
5	636-***In vivo* phage display in targeted drug delivery applications** Sema Karabudak*
6	649-**Sustainable Pasture Management Through Community Engagement: Preserving Ecosystem Services in Korab-Koritnik National Park, Albania** Mihallaq Qirjo*, Ani Ahmetaj
7	657-**Climate Change and Fungal Biodiversity: Risks and Adaptation** Mustafa SEVİNDİK*
8	659-**Medicinal Mushrooms as Emerging Natural Adjuncts in Cancer Therapy** Emre Cem Eraslan*
Discussion	
Break (14:30 - 15:00)	

Session 3.4 / 13:00 – 14:30	**Session Chair :**
1	94- **Electrocatalysis of Carbon Dioxide into Green Energy Resources Using Metal Nanoparticles Coupled with Metal Oxide Nanocomposite** *Mulatu Kassie Birhanu, Fatma Doğan Güzel
2	184- **Investigation of Mechanical Properties of NASICON Type Oxide Solid Electrolytes $Li_{1+x}Al_xTi_{2-x}(PO_4)_3$ and Its Indium Doped Derivatives $Li_{1+x}Al_xIn_yTi_{2-x-y}(PO_4)_3$ (x=0.3, y=0.1) by Ab Initio Methods** Savaş Şehirli*, Yasemin Çiftçi , Gültekin Çelik , Fatih Öksüzoğlu
3	213- **The Effect of Ultrasonic-Assisted Cellulose Nanocrystalline Dispersion on the Epoxy Coating for Anti-Corrosion Resistance** Mohammed H. Aldulaimi, Khaled M. Chahrour, Hayrettin Ahlatçı, Kenza Djebaria
4	225- **Magnetic Characterization of $Pt_{17}Cu_{14}Ni_{69}$ Nanoparticles with Enhanced Low-Temperature Magnetic Stability** Ilknur Baldan Isik* , Dogan Kaya, Hasan Huseyin Isik, Faruk Karadağ, Ahmet Ekicibil
5	234- **Investigation of photocatalytic properties of $ZnFe_2O_4$ spinel nanoparticles** Hasan Huseyin Isik*, Dogan Kaya, Ilknur Baldan Isik , Ahmet Ekicibil, Faruk Karadag
6	466- **Synthesis of Silver Nanoparticles by Green Chemistry Using St. John's Wort Extract and Investigation of Their Antimicrobial Properties** Ayşe Hatun Poyraz* , Şeymanur Köse , Gülşah Çelik Gül Seda Beyaz
7	557- **The single crystal x-ray crystallographic elucidation of thiazole-based heterocycles with supramolecular interactions** Zeynep Türkmen Bulca * , Abdullah Biçer , Erdal Kurt, Gül Özkan
8	617- **The Modification of Partial Oxidation Based Magnetic Nanoparticles with Cyclodextrin and Application in Magnetic Hyperthermia** Miray Senkal* , Cem L. Altan
Discussion	
Break (14:30 - 15:00)	

Session 3.5 / 13:00 – 14:30	**Session Chair :**
1	109-**Photoremoval of Dissolved Organic Waste and Dielectric-Energy Storage with Sm-CuO/ZnO/$CuMn_2O_4$ Tri-Composite** Delia Teresa Sponza, Rukiye Öztekin
2	304-**Determination of the role of fullerenol and green-synthesized iron nanoparticles in enhancing drought tolerance in safflower plants through photochemical mechanisms** Şeküre ÇULHA ERDAL
3	371-**Production and Characterization of Biochar from Cabbage Waste Using Hydrothermal Carbonization** Koray ALPER*
4	475-**Arıtılmış atıksuların tarımsal sulamada kullanımı** Zeynep Nur Savaştaer, Özlem Demir
5	501-**Measuring Perceived Accessibility: The Role of Subjective Experiences in Transportation Planning** Zehra Özçelik
6	672-**Phytoremedial potential of some aquatic medicinal plants for heavy metals** Beyza Yıldırım*, Muhittin Doğan
7	675-**Impact of climate change on sustainability of agricultural food security** Gülcan Çınar* , Muhittin Doğan
8	676-**Effect of nanotechnological applications used in agricultural production on food safety** Gülcan Çınar*, Muhittin Doğan
Discussion	
Break (14:30 - 15:00)	

ORAL PRESENTATIONS		
25 June 2025	**SESSION 4**	**Time 15:00 – 16:30**

Session 4.1 /15:00 – 16:30	**Session Chair :**
1	326-**Impact of Methyl Substitution on Photocatalytic Activity of BODIPY-Thiophene-Integrated COP-TiO_2 Systems** Kübra Turgut, Mücahit Özdemir, Gizem Yıldız, Bahattin Yalçın, Sermet Koyuncu, Baybars Köksoye, İmren Hatay Patır*
2	330-**PVC Kenar Bandı Üretim Kalitesinin İyileştirilmesi İçin Plastifiyan Miktarının Artırılması** Samet FİLİZ*, Ertuğ YILDIRIM, İsmail Bilgin DEMİRCİ
3	619-**Thermo-Responsive Structural Transitions of Graphene-Grafted PNIPAM–PLGA Polymer Brushes Explored by DPD** Atakan Meran*
4	41-**Determination of Chemical Content, Cholinesterase Enzyme and Tyrosinase Enzyme Activities of *Citrus hystrix* Extracts** Bihter Şahin*, Beyda Toğluk
5	136-**Hydrochar production from oil-extracted spent coffee grounds by hydrothermal carbonization** Elvan Derya, Tülay Güngören-Madenoğlu*
6	681- **A New Smartphone-Assisted Near-Infrared Fluorescent Probe for Visual Detection of Mercury(II) in Food and Water Samples** Emre Ozdemir, Yusuf Alcay, Ozgur Yavuz, Muhammed Ikbal Gunduz, Ismail Yilmaz*
7	680- **Synthesis and Characterization of a Novel Chromenylium-Cyanine Type Compound** Yusuf Alcay, Ismail Yilmaz
Discussion	

Session 4.2 / 15:00 – 16:30	**Session Chair :**
1	14-**Hormone-related risk factors for breast cancer based on estrogen and progesterone receptor status- a retrospective study from Albania.** Albina Hasa, Merita Xhetani, Floriana Marku
2	21-**HER-2/neu receptor expression in breast cancer among Albanian females.** Albina Hasa, Merita Xhetani,
3	64-**Fast Food Consumption Trends: A Comparative International Analysis and Standardisation of Measurement Methods** Mirva Hoxha, Admir Nake
4	113-**Herbal cold cream formulation from *Lavandula stoechas* essential oil** Sondos mahmoud, Najat Agiel*
5	166- **Comparative Analysis of the Health Systems in Turkey and Mauritania** Merve Tekinarslan
6	167- **Leadership Studies in Healthcare Institutions: A Bibliometric and Content Analysis** Merve Tekinarslan
7	180-**Microwave-assisted preparation and characterization of derivatives starting from flurbiprofen** Ecem Gökoğlan* , Ş. Güniz Küçükgüzel
8	33- **Antıbıotics use in pediatrıc age groups** Klodiola Dhamo*
Discussion	

Session 4.3 / 15:00 – 16:30	**Session Chair :**
1	20-**A Hybrid Approach Using AHP-TOPSIS for the Patent Process in the R&D Company** Dilek Çelik*, Burçak Könen, , Nida Nur Uzel, Gülçin Dinç Yalçın
2	24-**Elektrikli Otobüsler için Şarj Altyapisinin Dağitim Optimizasyonu** Yaren Altuğlu, Sevide Nur Kar, Gülçin Dinç Yalçın *
3	249-**Demand forecasting performance using multi-channel sales data: a comparative analysis of e-commerce and traditional channels** Oğuz Kaan Çiçek*, Serap Ulusam Seçkiner, Yunus Eroğlu
4	255-**A Multi-Criteria Decision-Making Approach for Green Hydrogen Production via Renewable Energy Sources** Medine Türkmen, Serap Ulusam Seçkiner
5	601-**Erp Uygulamalarında İş Süreçlerinin Analizi: Bir Elektrik Dağıtım Şirketi Örneği** Sait Aktepe* , İzzettin Hakan Karaçizmeli
6	599-**A Machine-Learning Approach to Precision Agriculture for Seasonal-aware Clustering of Agricultural Crops** Dilek Olcay*, Serap Ulusam Seçkiner
7	643- **Cağrı Merkezi Kalite Değerlendirme Çerçevesi: Performansa Dayalı Eğitim Planlaması için Entegre Bir Model Yaklaşımı** Nevra Kazancı*, Kenan Türkyılmaz, Aslı Nur Yıldız, Mehmet Erdem Şamlı, Halil Can Aydın
8	366-**Design of inner-outer layered garments with enhanced comfort effect for men's upper clothing** Tuğçe Eren , Seda Kızıl
Discussion	

Session 4.4 / 15:00 – 16:40	**Session Chair :**
1	429-**Resource Dependent Assembly Line Balancing Under Grey Uncertainty** Yakup ATASAGUN*, Gözde CAN ATASAGUN
2	642-**Ergonomic Analysis of Working Postures in Crankshaft Packaging Processes and Recommendations for Improvement** Gözde Can Atasagun*, Yakup Atasagun
3	464-**Bi-objective optimization of time and cost in project scheduling: an application in a construction project** Fatma Yavuz* , Fatih Kasımoğlu
4	502-**Endüstri 5.0 uyumlu teknoloji seçimi için çok kriterli karar verme yaklaşımı uygulamaları** Fatma Sümeyye Kenar*, Yusuf Fedai
5	66-**The Role of Radiation Technologies in Sustainable Textile Finishing Applications** Mehtap Sahin* , Buket Arik
6	75-**Ev tekstili kumaşların ıslanma davranışı analizi için yöntem geliştirilmesi** Mehmet Tiritoglu
7	424- **Feature Selection in Industry 5.0: Adapting to The Dynamic Evolution of Data** Özlem Gürünlü Alma*, Ali Valiyev
8	638- **A fuzzy c-means ensemble approach for robust price dynamics forecasting in Turkey** Erdinç Karakullukçu
9	622- **Uçak Bakım Ve Onarım Verileri İle İstatistiksel Uygulama** Onur Batın Doğan*, Fatma Sevinç Kurnaz
Discussion	

Session 4.5 / 15:00 – 16:30	**Session Chair :**
1	146-**Environmental interactions of early life stages of European Sprat (*Sprattus sprattus*) along the vertical water column in Sinop Bay, 2023-2024** Orçin Uygun*, Funda Üstün
2	290-**Gemi Emisyonlarını Azaltmaya Yönelik Yakıt Alternatiflerinin Seçiminde Etkili Faktörlerin Belirlenmesi** Bağcan Çatı*, Mehmet Ali Vahdet Yılmaz, Remzi Fışkın
3	336-**Türkiye'deki Yeşil Limanların Sürdürülebilirlik Üzerine Etkileri** Bağcan Çatı*, Remzi Fışkın
4	635-**Dünya'da ve Türkiye'de Su Ürünleri Mutfağı** Buminhan Burkay SELÇUK*, Fikret ÇAKIR
5	238-**Biomass, distribution and some population parameters of Big-Scale Sand Smelt, *Atherina boyeri* (Risso, 1810) in the Sea of Marmara** Oğuz Yılmaz*, Ali İşmen
Discussion	

POSTER PRESENTATIONS 1	25 June 2025
POSTER SESSION 1.1	**Time 10:30 – 12:30**

1	252-**Cellulose Extraction and Optimization from Pine Needles** Nihal Yigit*, Zehra Ozden Ozyalcin, Azmi Seyhun Kipcak
2	268-**Elastic and Mechanical Property Enhancement of NASICON-Type LATP via Indium Doping: Implications for Solid-State Li-Ion Battery Applications** Savaş Şehirli*, Yasemin Çiftçi , Gültekin Çelik , Fatih Öksüzoğlu
3	270-**Densities Of 1,2-Dichloroalkane With Tertio Butyl Methyl Ether At Different Temperatures.** BOUSSAID Linda*, AMIRECHE Fouzia, ZOUAGHI Nafila, BENSIRADJ Nour El Houda
4	365-**Effects of Some Plant Extracts and Metal Salts on Aldose Reductase Activity** Mustafa Kaplan * , Bertan Boran Bayrak, Refiye Yanardag
5	518-**Microwave drying of beef and lamb liver: Investigation of drying kinetics and color change** Ozge Ercan*, Zehra Ozden Ozyalcin , Azmi Seyhun Kipcak
6	522-**Effect of heat treatment on antioxidant capacity of Karayaka sheep milk** Ece Özbek* , Gül Fatma Yarım
7	565-**Simultaneous Quantitative Analysis of The Active Pharmaceutical Ingredients in Oral Antiseptic Solution By HPLC** Gülşah Çebi* , Bürge Aşçı
8	572-**Silver Nanoparticle Synthesis and Application** Rajına Moamed Hassan*, Nevcihan Gürsoy
9	620-**Farklı Bitki Çaylarıyla Üretilen Kombucha Çayının Biyoaktif Özelliklerinin İncelenmesi** Büşra Sevgi SELİMOĞLU* , Nevcihan GÜRSOY
10	179-**Biomaterials from the aquatic organisms: resources, extraction and applications** Ömer Alper Erdem*, Nida Demirtaş Erol
11	200-**The Anti-cancer impact of Metformin In the Prostate Cancer** Ayriana Safari Baesmat
Discussion	

ORAL PRESENTATIONS		
26 June 2025	**SESSION 5**	**Time 09:00 – 10:30**

Session 5.1 /09:00 – 10:30	**Session Chair :**
1	47- **Investigation of the effect of layer thickness on the wear properties of PEEK materials** Şakir Altınsoy
2	50- **Synthesis of sulfamethoxazole surface imprinted core-shell magnetic nanoparticles for selective detection of sulfamethoxazole in poultry by an electrochemical biosensor** Pwadubashiyi Coston Pwavodi *
3	215- **Bitki Ekstraktından Siklotid İzolasyonu İçin Entegre Mikroakışkan Çip Platformu** Beyza Dağhan*, Mesut Bora Akdoğan, Aliakbar Ebrahimi, Reza Didarian, Mulatu Kassie Birhanu, Hossein Hashempour, Fatma Dogan Guzel
4	272- **Functional Analysis of Missense SNPs in the CYP2D6 Gene Using In Silico Methods** *Hacer Menekşe Polat, Esma Eryılmaz Doğan
5	451- **Design and Evaluation of Chitosan/PVP-Based Films for Advanced Wound Dressings in Biomedical Applications** Özlem Ayşe Tosyalı* , Okşan Karal-Yılmaz
6	480- **Akıllı Telefon Tabanlı Glukoz/Laktat Çoklu Analiz Sisteminin Geliştirilmesi ve Validasyonu** Nermin Kargacı, Beyzanur Güneş , Furkan Gümüş
7	550- **Biyobozunur Doğal İçerikli Yara Kremi Geliştirilmesi ve *İn Vitro* Biyouyumluluk Değerlendirmesi** Şevval Çelik*, Büşra Moran* , Mustafa Türk*
8	567- **Elektroensefolografi ve Elektrokardiyografi Sinyalleri Kullanılarak Epilepsi Nöbetlerinin Yapay Zeka ile Tahmin Edilmesi** Nur Sena Özdemir Yılmaz* , Osman Eroğul*
Discussion	
Break (10:30 – 11:00)	

Session 5.2 / 09:00 – 10:30	**Session Chair :**
1	19- **Active Control of Air Suspension Systems in Commercial Vehicles** İbrahim Sina Kuseyri
2	38- **PVD Yöntemi ile Kaplanmış Isıl İşlemli AISI 4140 Çeliklerin Islanabilirlik Özelliğinin İncelenmesi** Emre Deniz Yalçın*
3	145- **Evaluation of cutting parameter effects on surface roughness and temperature in face milling of a tractor part** Batuhan AYUR* , Yusuf FEDAİ, Emre ÖZER, Gökhan BAŞAR
4	284- **Farklı kalınlıklarda akrilik ve Silika (SiO_2) ile güçlendirilmiş akrilik bazlı basınca duyarlı yapıştırıcı bantların PVC yüzeyler üzerinde mekanik özelliklerinin karşılaştırılmalı analizi** Ömer Kocaman, Celalettin Baykara
5	469- **Yenilenebilir enerji kaynağı olarak güneş enerjisinin önemi ve Türkiye'deki gelecek perspektifi** Rafig Huseynov*, Selçuk Karagöz*
6	481- **Hibrit tahrikli bir şehiriçi otobüs şanzımanın termal optimizasyonu** Aydoğan EZER, Gamze GEDİZ İLİŞ
7	531- **Development of a surrogate model for dual optical element concentrated photovoltaic system using machine learning** Mahir Jafarov*, Osman Turan
8	573- **Fotovoltaik/Termoelektrik (PV/TEG) Hibrit Sistemlerdeki Son Gelişmeler ve Gelecek Perspektifleri** İsmail Ardıç* , Deniz Ulusarslan
Discussion	
Break (10:30 – 11:00)	

Session 5.3 / 09:00 – 10:30	Session Chair :
1	131- **An overview of the challenges of a collaborative filtering recommender system** İhsan Güneş*
2	372- **Development Of Decision Support Systems In Agriculture With Open Source Linear Programming Libraries** Ayşe Begüm Topyıldız* , Recai Oktaş , Gökhan Kayhan
3	390- **Artificial Intelligence and Ethics in Education** Gülden Bozok* , Murat Osman Ünalır
4	421- **Improving PPO-Based Reinforcement Learning for Energy Forecasting with Chaotic Initialization and American Zebra Optimization** Cem Özkurt , Özkan Canay* , Murat Karslıoğlu
5	579- **Use of Cyclomatic Complexity and Maintainability Index Metrics in Agile Development: Trends, Challenges, and Research Directions** Sena Adatepe* , Gonca Gokce Menekse Dalveren
6	618- **Comparison of Anomaly Detection in Logged Data Analysis** Cahide SARA*, Sara ALTUN GÜVEN
7	627- **Sürdürülebilir Enerji Yönetimi için IoT Çözümü: Raspberry Pi, Docker ve Bulut Tabanlı İzleme Mimarisi** Hüseyin Parmaksız*, Emine Nur Çalı , Zeynep Özer
8	656- **Transfer learning-based pneumonia detection on pediatric chest x-rays using a CNN model** Omer Faruk Soylemez* , Cengiz Hark
Discussion	
Break (10:30 – 11:00)	

Session 5.4 / 09:00 – 10:30	Session Chair :
1	55- **Damping–mixing enthalpy relationship in Mg-Ca and Mg-Ni alloys: Influence of short-range order** Yiğit Türe*
2	121- **Data-Driven Optimization of Martensitic Phase Transformation Models in 304L Steel** BENCHERIF Mokhtar* , BOUDEDJA Amar , ALMANSBA Madjid , FERHOUM Rabah, HABAK Malek, BELMIHOUB Khellaf
3	140- **Biocompatibility investigation of TiTaHfNbZr alloys with femtosecond laser surface modification** Sıdıka Mine Toker* , Furkan Biçer
4	144- **Synthesis and characterization of new generation nucleating agents for use in recycled PET masterbatches** Songül ŞAHİN DUMANKAYA* , Gökhan CEYHAN
5	163- **The Effect of Different Cobalt Contents on the Properties of Tungsten Carbide Materials Sintered at Low Temperature** Kubat Mete KUTLU*, Bilge YAMAN ISLAK
6	170- **Effect Of Cooling 16MnCr5 Steel Under Different Pressure On Hardness And Microstructure Properties** Mehmet EKICI*
7	450- **Effect of Fiber Reduction in NAM on Battery Performance and Paste Integrity** Burak ALICI*, Enes DEMIRYUREK* , Ilter GURSOY*
Discussion	
Break (10:30 – 11:00)	

Session 5.5 / 09:00 – 10:30	**Session Chair :**
1	406- **Çilek (Fragaria × ananassa) Yaprağı Ekstresi Kullanılarak Altın Nanoparçacıkların Yeşil Sentezi ve Karakterizasyonu** S. Yilmaz Karaoğlu, Tuğba TUNALI AKBAY
2	419- **Protective Effects of Alpha Lipoic Acid Against Valproic Acid-Induced Small Intestinal Damage** Jahan Babazade * , Ismet Burcu Turkyilmaz Mutlu , Refiye Yanardag
3	428- **Exploring Alcohol-Related Metabolites in Bone: A Pilot Study Using NMR Spectroscopy** Pong Pornjarernpong *7301-6350*), Churdsak Jaikang *9262-0404*), Yutti Amornlertwatana
4	479- **Protective effect of white cabbage extract against amiodarone-induced small intestinal damage in rats.** Orkhan Mammadli * , Ismet Burcu Turkyilmaz Mutlu, Refiye Yanardag
5	484- ***In vitro* Antioxidant and Anticancer Activities of Methanolic Extract of *Onobrychis oxyodonta*** Samed Şimşek* , Tuğçe Varol
6	494- **Effects of polyvinyl alcohol applications on morphological and physiological parameters of different wheat (*T. aestivum* L.) varieties grown in hydroponic environment under lead stress** Yunus Baran Badıllı*, Elif Öztetik
7	496- **Effects of polyvinyl alcohol applications on biochemical parameters of different wheat (*T. aestivum* L.) cultivars grown under lead stress** Yunus Baran Badıllı*, Elif Öztetik
8	658- **Effect of Pesticide Exposure on ACTH and Cortisol Levels in Fish** Nuh Korkmaz*
Discussion	
Break (10:30 – 11:00)	

ORAL PRESENTATIONS		
26 June 2025	**SESSION 6**	**Time 11:00 – 12:30**

Session 6.1 /11:00 – 12:30	**Session Chair :**
1	90- **Kedi ve Köpeklerde Göz Ultrasonografisi ile Normal Göz Yapılarının Değerlendirilmesi** Zeynep ATEŞ*, Ali BUMİN
2	91- **Kedi ve Köpeklerde Göz Ultrasonografisi ile Patolojik Bulguların Değerlendirilmesi** Zeynep ATEŞ* , Ali BUMİN
3	463- **The role of swimming exercise in preserving uterine and ovarian reserves in a DSS-induced chronic ulcerative colitis mouse model** İshak Gökçek*
4	486- ***Determination of pathotype, serogroup, and antibiotic susceptibility of Escherichia coli recovered from a cat with cystitis*** Özgür GÜRAN*, Emre KARAKAYA, Celil BENDEŞ, Gencay EKİNCİ
5	489- **The characterization of *Acinetobacter lwoffii* isolates from sheep necropsy materials** Özgür GÜRAN*, Cansu GÜRAN, Emre KARAKAYA, Fuat AYDIN
6	490- **Animal Welfare Standards in Calf Management** Mohamad Salem NAJAR*, Filiz AKDAĞ
7	583- **Evaluation Of Doppler Indices In Dogs With Mammary Tumors Treated With Homeopathic Medicine** Enes Çerçi , Gaye Bulut, Deva Başak Boztok Özgermen, Ayşenur Tural Çiftçi, Mehmet Tuzcu
8	588- **Rhabdomyosarcoma in a Malaklı Mixed-Breed Bitch** Enes Çerçi* , Gaye Bulut, Osman Dağlar , Mehmet Tuzcu
Discussion	
Break (12:30 - 13:00)	

Session 6.2 / 11:00 – 12:40	**Session Chair :**
1	44- **Hatay ili Arsuz Bölgesi Topraklarının Molibden İçeriği ve Topraktaki Bazı Ağır Metaller ile İlişkilerinin Belirlenmesi** Mehmet YALÇIN
2	147- **Effect of nano calcium on broad bean plant growth and calcium uptake in soil and soilless conditions** Hanife Akca*
3	347- **Abiyotik stres koşullarındaki bahçe bitkilerine hümik asit uygulanması** Kübra Korkmaz Zor
4	348- **Abiyotik stres koşullarındaki bahçe bitkilerine mikoriza uygulaması** Kübra Korkmaz Zor
5	648- **Tobacco production and its place on international market with a focus on Malawi, Africa** Siraj JAFALI , Cumhur AYDINALP
6	663- **Bridging Traditional and Scientific Knowledge: Quantitative Ethnopharmacological Investigation in Marghazar Valley, Swat, Pakistan** Muhammad Nauman Khan*, Sajjad Ali, Tabassum Yaseen, Barkat Ullah, Abdul Razzaq, Alevcan Kaplan, Fethi Ahmet Ozdemir
7	664- **Influence of Edaphic Factors on Vegetation and Plant Community Dynamics in the Dry Temperate Region, Ojhor Valley, Eastern Hindu Kush, Pakistan** Muhammad Nauman Khan*, Barkat Ullah, Abdul Razzaq, Fazal Manan, Zeeshan Ahmad, Majid Iqbal, Alevcan Kaplan
8	628- **An Important Step Towards Rural Development: Medicinal-Aromatic Plant Cultivation Studies in Artvin** Özgür EMİNAĞAOĞLU* , Hayal AKYILDIRIM BEĞEN, Melahat ÖZCAN , Emine YAZICIOĞLU , Nasibe TEKİNER AYDIN , Şevval SALİOĞLU , Canan AÇIKGÖZ HARŞIT , Bahar ASLAN

9	630- **Contribution of Artvin Coruh University to Regional Development: Establishment of a Facility for Processing and Storing Aromatic Plants in Artvin** Özgür Eminağaoğlu , Hayal Akyıldırım Beğen , Alper Durmaz , Kamil Öztürk , Zehra Eminağaoğlu, Abdüssamed Kabakuş , Şevval Salioğlu , Canan Açikgöz Harşit , Hayrettin İlker Özdemir , Bahar Aslan , Çağlar Yazici
Discussion	
Break (12:40 - 13:00)	

Session 6.3 / 11:00 – 12:30	**Session Chair :**
1	695- **Evaluation of Residential Reinforced Concrete Buildings in Terms of Performance and Structural Construction Cost According to DBYBHY-2007 and TBDY-2018 Codes** Mustafa Üreyen*, Hakan Dilmaç, Yasin Arslan
2	696- **An investigation into the impact of different slab types on structural costs under variable soil conditions according to TBDY 2018** Ali Türkmen*, Cenk Öcal, Kılıç Yasin Arslan
3	26- **Deniz Dibi Tarama Faaliyetlerinden Elde Edilen Dip Çamurlarının Alternatif Bertaraf Yöntemlerinin Araştırılması** Elif Erdeve Özvan*, Ayşe Özgüven, Dilara Öztürk, Mehmet Türkmenoğlu
4	690- **Determination of geocell-soil interfacial behavior of sandy soils by large-scale shear box tests** Adem IŞIK* , Harun AKOĞUZ
5	433- **Contribution of using a tuned mass damper (TMD) as a passive control device in building performance** Osman Akyürek*
6	604- **Stabilization of Marl Soil Using Sewage Sludge and Polypropylene Fibers under Freeze-Thaw Conditions** Mohamed Bashir Said RADDAD, İnan KESKİN, AmirHossein VAKİLİ
Discussion	
Break (12:30 - 13:00)	

Session 6.4 / 11:00 – 12:30	**Session Chair :**
1	137- **Evaluation on passive cooling of photovoltaic panels with phase change material** Perihan ÇULUN
2	239- **The importance of nanomaterial additives in passive cooling of photovoltaic panels with phase change materials** Perihan ÇULUN *
3	161-**Sürdürülebilir Isıtma Sistemleri için Baca Performans Optimizasyonu** Ahmet Karahan, Figen Balo
4	162- **Çelik Esaslı Malzemelerin Baca Sistem Performansına Etkisinin Analizi** Ahmet Karahan, Figen Balo
5	281- **Şehir içi taşımacılık yapan araçların hidrojen yakıt ikmal istasyonunu için mikro şebeke tasarımı; Muş ili örneği** Mehmet Ali KÖPRÜ
6	563- **Secure and efficient energy billing using blockchain and smart contracts** Al Mothana Al Shareef* , Serap Seçkiner
Discussion	
Break (12:30 - 13:00)	

Session 6.5 / 11:00 – 12:30	**Session Chair :**
1	141- **A Study on Awareness and Cryptographical Solutions Against Sim Swapping Attack** Ezgi Ersan*, Mehmet Emin Dalkılıç
2	315- **Uzay Yoluyla Haberleşme Ağını Genişletmek: Karasal Olmayan Ağ (NTN) Teknolojileri ve Kullanım Alanlarının Genel Bir Değerlendirmesi** Kahraman ZAİM, Murat YÜCEL, Mustafa Serdar OSMANCA
3	388- **From Sprints to Strategy: The Role of AI in Agile Retail Projects** H. Miray Yakışan*
4	83- **Sürdürülebilir Grafik Tasarım: Çevre Dostu Tasarım İlkeleri** Ali Aşur DELEN
5	449- **Language application "Hey!" — development, possibilities and future.** Yaroslav Golendukhin, Saveliy Varlamov, Yulia Dmitrieva, Yulia Starchekova
6	495- **Kripto Para Türlerinin Teknik Özelliklerinin Karşılaştırmalı Analizi ve Balon Fiyat Tespiti** Serkan METİN
Discussion	
Break (12:30 - 13:00)	

ORAL PRESENTATIONS		
26 June 2025	**SESSION 7**	**Time 13:00 – 14:30**

Session 7.1 /13:00 – 14:30	**Session Chair :**
1	142- **The Composition and Characterization of Octopamine-Derived Cyclomatrix Tetrameric Polyphosphazenes** Yasemin SÜZEN DEMİRCİOĞLU* , Ebru ALTUN ÇELİK
2	345- **Enhancing ammonium perchlorate decomposition via samarium-doped ceria catalysts for solid rocket propellants** Dilara GÜÇTAŞ GÜREL* M.A. Faruk ÖKSÜZÖMER
3	581- **Green Synthesis of Copper Oxide Nanoparticle via *Rubus Idaeus*** Ines Nour-Eddine , Tuğba Erkoç*
4	459- **Kinetic and Equilibrium Studies on the Adsorption of Remazol Red by Natural Zeolite** Buse Nur DÜKANLI , Elçin DEMİRHAN
5	462- **Adsorptive Removal of Polystyrene Nanoplastics from Water: Role of Activated Carbon and Ion Exchange** Resin Soner GÖKÇEDAĞ*, Dilara Leyla KAPLAN, Sıla MERT, Emine EKİNCİ, Birce PEKMEZCI KARAMAN
6	536- **Seramik Karo Üretiminde Sürdürülebilir Teknolojilerin Geliştirilmesi** Buse Erdoğan* , Demet Topaloğlu Yazıcı
7	585- **Advanced oxidation of acid violet (AV-19) from aquatic environments by homogeneous and heterogeneous Fenton and photo-Fenton processes** Duygu Aydın, Selina Olcar, Şule Camcıoğlu , Baran Özyurt*
Discussion	
Break (14:30 - 15:00)	

Session 7.2 / 13:00 – 14:30	**Session Chair :**
1	10- **The Investigation of the Latest Developments in Green Energy Technologies to Reduce Carbon Emissions** Kasım ATMACA*
2	32- **Comparative analysis of transport-oriented urban approaches** Rukiye Gizem Öztaş Karlı*
3	79- **Health impact of particulate matter (PM): case study for Artvin** D. Deniz G. Tokgöz*, Samet Gündem, K. Onur Demirarslan, F. Öztürk
4	80- **Çevresel Kirleticilerin Sağlık Riski Değerlendirmesi-Literatür Taraması** Samet Gündem*, D. Deniz G. Tokgöz
5	650- **Seasonal effects of air pollution on childhood allergic rhinitis: A case study from Northwestern Türkiye** Hilal Arslan*
6	651- **Analyzing the impact of air pollution on asthma with machine learning in Edirne, Türkiye** Hilal Arslan*
7	580- **Investigation of the Cadmium (Cd) removal potential of two aquatic macrophytes (*Limnobium laevigatum*, *Egeria densa*) in two different media with a microcosm approach** Danial NASSOUHI*, Mehmet Borga ERGÖNÜL
8	539- **Linking Forest Management to Water Treatability: Improved Coagulation Performance Following Silvicultural Activities in Forested Watershed** Habibullah Uzun
Discussion	
Break (14:30 - 15:00)	

Session 7.3 / 13:00 – 14:30	**Session Chair :**
1	54- **Toz Gıdalar ve Raf Ömrü Sırasındaki Adezyona Bağlı Değişimler** Fatih Kırbayır, Didar Ucuncuoglu*
2	69- **Improvement of Functional Properties in Bread Enriched with Aronia (*Aronia melanocarpa*) Juice** Sultan ACUN*, Şeyma ULUTÜRK, Kerem MERTOĞLU, İlknur ESKİMEZ, Hülya GÜL
3	70- **Impact of Aronia melanocarpa juice substitution on the rheological properties of wheat flour** Şeyma ULUTÜRK, Hülya GÜL*, İlknur ESKİMEZ, Kerem MERTOĞLU, Sultan ACUN 1954-6102)
4	78- **MOSH/MOAH Kontaminasyonu: Kaynakları, Analitik Tespiti ve Sağlık Üzerindeki Etkileri** Kıvılcım Yıldız* , Burcu Durmuş
5	86- **Effect of different solvents on the solubility of pea protein ısolate and optimization using artificial neural network-genetic algorithm (ANN-GA)** Mustafa Onur Yuzer
6	240- **API ZYM enzymatic characterization of lactic acid bacteria isolated from boza** Merve USAL*, Fatih TÖRNÜK
7	291- **Effect of Fat Content and Fermentation Time on Kefir Quality** Hatice Sıçramaz*, Buse Güven
8	461- **The Role of Food Choice Motivations and Food Neophobia in Organic Food Consumption** Muhammet Ali Çakir* , Merve Pehlivan, Neslişah Denkçi
Discussion	
Break (14:30 - 15:00)	

Session 7.4 / 13:00 – 14:30	**Session Chair :**
1	133- **EMI SHIELDING AND LIFE CYCLE ASSESSMENT** Guler Bengusu TEZEL
2	159- **Silver Loaded Photocrosslinked Silk Sericine-Keratin-F127 Hydrogels for Wound Healing Applications** İrem YAKAR*, Ayben TOP
3	160- **Synthesis and Characterization of Curcumin and Lysine Derived Carbon Dots** İrem YAKAR* , Ayben TOP
4	164- **Conventional and Microwave-Assisted Synthesis and Characterization of PEG-Based Esters** Gulsen Karaca, Omur ARAS*
5	217- **Rapid detection of expired tablets using Second Derivative FTIR: An iron supplement tablet example** Sinem Çolak*
6	226- **Electrochemical determination of phosphate by measuring the phosphomolybdate complex using a reduced graphene oxide-doped with copper ions carbon paste electrode (rGO@Cu/CPE) sensor** Qëndresa Istrefi*, Nevila Broli , Loreta Vallja
7	289- **Effect of lugol's solution on antibacterial activity and scoby growth in kombucha tea** Zeynep Özserçe Haste* , Zeynep Sümer
8	318- **Sodyum lignosülfonatın beton katkı maddesi olarak etkisinin incelenmesi** Zeynep Özserçe Haste*
Discussion	
Break (14:30 - 15:00)	

Session 7.5 / 13:00 – 14:30	**Session Chair :**
1	261- **A genome-wide in silico analysis of *PR1* (pathogenesis-related 1) genes in the watermelon (*Citrullus lanatus*)** Tamella Suleymanova, Mehmet Emin Uras*, Mustafa Zafer Karagözlü
2	542- ***Aspergillus fumigatus* ERG6 Protein Modelinin Antifungal Ajanlarla Moleküler Etkileşim Analizi** Sinem Koçer*
3	577- **Evaluation and integration of YOLOv8 and SAM deep learning models for brain tumor detection and segmentation in MRI** Salajdin Maloku* , Savaş İzzetoğlu
4	592- **Comparative evaluation of CKAN and CNN deep learning models for classifying tumor-infiltrating lymphocytes in cancer histopathology images** Seyit Metin Köroğlu* , Savaş İzzetoğlu
5	455- **Investigation of Molecular Responses in Cervical Cancer Cells Treated with Abraxane via RNA Sequencing** Souandaou ATHOUMANI ALI, Gül ÖZCAN
Discussion	
Break (14:30 - 15:00)	

ORAL PRESENTATIONS		
26 June 2025	**SESSION 8**	**Time 15:00 – 16:30**

Session 8.1 /15:00 – 16:30	**Session Chair :**
1	338- **Score plot distribution of thermal reduced graphene oxide considering the process operating parameters: A tutorial** Barış Şimşek*, Ömer Faruk Dilmaç
2	389- **Microstructural analysis of polyvinyl alcohol hydrogels modified with GNPs/AgNPs/GO/NAC** Barış Şimşek* , Özge Bildi Ceran
3	596- **Multi-Criteria Assessment of Turkish Cities for Biogas Plant Siting** Cheikha Hacena Ahmed El alem, Seza Özge Gönen*
4	605- **Efficient Dye Removal Using NH_2 functional polymer gel** Şeyda GETİR*,Atakan TOPRAK
5	609- **Lignoselülozik Kaynaklı Karbon Kuantum Noktalarının Asidik Ortamda Korozyon İnhibitörü Olarak Geliştirilmesi** Damla Zorcu* , Seden Beyhan
6	568- **DFT Calculations for MEP, HOMO-LUMO, NLO, SAR studies of 3-Methyl-4-(3-methoxy-4-isobutyryloxy benzylidene amino)-4,5-dihydro-1*H*-1,2,4-triazol-5-one** Yonca Yılmaz* , Gül Kotan, Haydar Yüksek
7	641- **Farklı Atıklardan Modern Yöntemler İle Sabun Üretimi** Osman Budak , Nurcan Tuğrul
8	653- **Potentiometric determination of skin antiseptic rivanol and its greenness assessment** Onur Cem Altunoluk* , Oguz Özbek, Caglar Berkel
Discussion	

Session 8.2 / 15:00 – 16:30	**Session Chair :**
1	196- **Quantitative Analysis Of CoQ10 Content Of Nutraceuticals From Turkish Market** Tuğba Buse Şentürk, Ayşe Sueda Müftüoğlu*, Timur Hakan Barak, Engin Celep
2	230- **Assessment of eating habits, physical activity, and lifestyle among medical students at the University of Medicine, Tirana (2025)** Floriana Marku, Loreta Kuneshka
3	269- **Study of Health Behaviors among Adolescents in Tirana (2024): Smoking, Alcohol, Drugs, and Physical Activity** Floriana Marku, Loreta Kuneshka
4	231-**Literature review of orofacial praxis skills in children with autism spectrum disorder** Dorela Kokthi, Manika Kreka
5	414- **Histological Evaluation of the Effect of Baicalin on Cisplatin-Induced Parotid Gland Injury** Duha İbrahimoğlu* , Esin Ak
6	552- **Cytotoxic and Antimicrobial Properties of Brown Algae Extracts: A Study on *Cystoseira foeniculacea* and *Sargassum vulgare*** Damla Kirci*
7	571- **Mucormycosis Cases Under the Microscope: A 19 Year Retrospective Pathology-Based Surveillance Study** Bilal Tunçtürk , Ulaş Alabalık
8	647- **Current research on anti-Alzheimer's drugs: Secretase Inhibitors** Ayşe Nur ER, Cem YAMALI*
Discussion	

Session 8.3 / 15:00 – 16:30	Session Chair :
1	306- **Thermodynamic analysis of internal heat recovery between the condenser and evaporator outlets in an air-source heat pump** Kutbay Sezen*
2	320- **Enhanced Impact-Sliding Wear Performance of AISI H13 Extruding Die Steel Through Quenching & Tempering Heat Treatment Process** Tunahan Fatih Sekili, Elif Ozturk, Harun Mindivan*
3	321- **Effect of Cathode Shape and Anodization Time on The Formation of TiO_2 Nanotubes on Ti6Al4V-ELI Alloy** Elif Çitgez , Ferda Mindivan* , Harun Mindivan
4	349- **Design and prototyping process of the gas shutoff system developed for safe natural gas supply** Atıl ERİM
5	397- **Taşınabilir Cihazlarda Faz Değiştiren Madde (FDM) İle Isıl Yönetim ve Termal Kılıf Tasarımı: Akıllı Telefon Uygulaması** Yusuf Can ER* , Ayşe Nur ALTUNKAYA
6	425- **Techno-economic assessment of off-grid hybrid renewable energy systems for urban electricity demand** Hacımurat Demir*
7	447- **İkincil A356 Alüminyum Alaşımının Korozyon Davranışına Minör Skandiyum (Sc) ve Lantan (La) Eklentisinin Etkisi** Hayat Oyman* , Simge İrizalp, Burçak Kardelen Köroğlu, Batuhan Doğdu, Caner Kalende
8	448- **Design of an innovative reel transfer mechanism for automatic winding machines** Özdemir Berk VARAL* , Beyza AVCI* , Nebi Can AVAS* , İbrahim Savaş DALMIŞ
Discussion	

Session 8.4 / 15:00 – 16:30	Session Chair :
1	85-**Assessment of Fishing Zones (FZ) and No-Fishing Zones (NFZs) in the Gökova and Datça–Bozburun Special Environmental Protection Areas (SEPAs) in Terms of Alien Species** Vahit ALAN*, Fikret ÖNDES
2	125-**Comparative Study: Global Aquaculture Production Statistics of Common Carp (*Cyprinus carpio*, Linnaeus, 1758)** Serhat Engin , Sertan Kosan*
3	245-**The Comparison of Body Performance of Some Invasive Species Distributed in Kemer, Antalya** Serhat Engin , Sertan Koşan* , Şule Gürkan
4	177-**Monitoring of endangered dusky grouper (Epinephelus marginatus) in The Karaburun-Ildır Gulf Special Environmental Protection Area with different methods** Kaan KIRŞAN*, Tuğçe ŞENSURAT GENÇ
5	188-**Production and quality monitoring of marinade from mussels smoked with different wood chips** Emre Uluturhan*, Aslı Cadun Yünlü, Fevziye Nihan Bulat, Ömer Alper Erdem
6	391- **Mikroalglerden fikosiyanin: üretim, stabilite ve ticari potansiyel üzerine inceleme** Ayşe Özpamuk*, Oya Irmak Şahin
7	443- **The role of microbiome research in improving gut health of farmed species for sustainable disease resistance in aquaculture.** Ulviye Karacalar
8	503- **Su Ürünleri Tüketim Tercihlerinin Değerlendirilmesi: Rize İli'nden Bir Vaka Çalışması** Fatma DELİHASAN SONAY* , Muhammed Nurullah ARSLAN , Hami DURU
Discussion	

Session 8.5 / 15:00 – 16:40	**Session Chair :**
1	192- ***Calvatia utriformis*'in K562 Kronik Myeloid Lösemi Hücrelerinde Büyüme İnhibisyonu Üzerine Etkisi** Hakan Farzin Mehmetzade*, Milat Araz, Reyhanehsadat Mirbakht
2	313- **Karpal tünel sendromu olan bireylerde boyun pozisyon hissi ve eklem hareketi arasındaki ilişki** Rabia ALACA*, Özge AL
3	342- **Aronia Melanocarpa Meyve Ekstresinin İnsan Meme Kanseri Hücreleri Üzerine Etkisi** Betül YÜKSEL* ,Özge AL , Neriman LÖKER, Hazal ÇOBUR , Melike VURMAZ, Zeynep SARIMERMER YÜCEL, Serhat AL , Mehtap NİSARİ , Ali Adnan HAYALOĞLU
4	346- **Novel tomato-based interventions: Impact on survival rates in common cancers** Gokhan Gorgisen*, Salih Yabalak , Ozan Tas, Neriman Ezgi Cifte, Mecit Halil Oztop
5	359- **Synergistic modulation of epithelial-mesenchymal transition-related proteins by oxaliplatin and thymoquinone in HCT116 colorectal cancer cells.** Ilker Kiliccioglu *, Gorkem Dulger, Gulsah Gedik
6	432- **Effect of Glaucocalyxin A on Cell Migration Capacity in Lung Cell Line** Merve BOZKURT, Nuray BOSTANCIERİ, Çiğdem KARACA
7	49- **Kolon kanseri ve bağırsak mikrobiyotası: ön çalışma** Samet Uçak* , Seval Kaya
8	456- **Metabolomic Characterization of Human Vitreous Fluid Using ^{1}H-NMR Spectroscopy** Thanakrit Trichag, Churdsak Jaikang, Kanicnan Intui
9	500- **The effect of direct kisspeptin-54 application on gonadotropin receptor expressions in granulosa cells of PCOS patients** Erkan ERENER * , Adem KOCAMAN , Bülent AYAS
Discussion	

POSTER PRESENTATIONS 2	26 June 2025
POSTER SESSION 2.1	**Time 10:30 – 12:30**

1	11-**Effect of pre-treatment on mechanical properties of quenched and tempered medium carbon steels** Ahmet M. Bal, Emre Alan , İ. İrfan Ayhan
2	352-**Gıdaların Kurutulmasında Yeni Yaklaşımlar: Mikrodalga ve Mikrodalga-Vakum Teknolojileri** Nevcihan Gürsoy* , Sümeyya Erdoğmuş
3	353-**Yeni Nesil Mikrobiyal Terapötikler:Postbiyotikler ve Paraprobiyotikler** Nevcihan Gürsoy*, Sümeyya Erdoğmuş
4	543-**Antioxidant activities of polycaprolactone/sodium alginate/chestnut honey nanofibers** Azra Huner*
5	544-**Fabrication and characterization of polycaprolactone/cellulose acetate/polselenophene nanofibers** Azra Huner*
6	668- **Yolov8 ile Yolov11 Algoritmalarinin Gerçek Zamanli Araç Nesne Tespiti Ve Trafik Yoğunluğu Analizinde Karşılaştırılması** Mert DURUKAN*, Jale BEKTAŞ
7	65-**Development of Novolac Resin Using Biobased Raw Materials** Deniz Önay, Cansu Kozbekci Sabah*, Hatice Yaren Şahin, Mehmet Gönç, Mustafa Çevik
8	67-**Development of Room Temperature Curable Phenolic Foam Suitable for Mining and Construction Sectors** Büşra Turan, Cansu Kozbekci Sabah*, Gizem Anar, Deniz Önay, Mehmet Gönç
9	68-**Effect of Chain Transfer Agent/ Crosslinking Agent ratio on Thermoplastic Properties of Acrylic Materials** Gamze Günal*, Deniz Önay, Olkan Cebeci, Özkan Turhan, Gizem Anar, Çakır Daşdemir
10	76-**Development and Pilot Scale Production of High Solid Melamine-Formaldehyde Resin for Use in Textiles** Hatice Yaren Şahin, Cansu Kozbekci Sabah*, Esra Kutlu, Büşra Turan, Mustafa Çevik
11	87-**Development of A Cold-Box Resin to Be Used as A Binder in Core Manufacturing for Foundry Industry** Esra Kutlu, Cansu Kozbekci Sabah*, Büşra Turan, Mehmet Gönç, Mustafa Çevik
12	219-**Silver nanoparticle synthesis with grey juniper (Juniperus Excelsa) extract** Bengü Kuru*, Ayfer Menteş
13	220-**Mathematical Modelling Study of Infrared Dried Prickly Pear** Kubra Kurnaz* , Zehra Ozden Ozyalcin, Azmi Seyhun Kipcak
Discussion	

ORAL PRESENTATIONS		
27 June 2025	**SESSION 9**	**Time 09:00 – 10:30**

Session 9.1 /09:00 – 10:30	**Session Chair :**
1	263-**Assessment of the UV-B Protective Potential of Pollenkitt in *Narcissus tazetta*** Melse Su Bilgili* , Aslıhan Çetinbaş-Genç
2	264-**Antioxidant Responses in *Camellia sinensis* Pollen Exposed to Low Temperatures** Sena Acar* , Aslıhan Çetinbaş-Genç
3	439-**Eskişehir Sazova Bilim Kültür ve Sanat Parkı Floristik Yapısı İle İlgili Ön Çalışmalar** Erhan DURGUT* , Ebru ATAŞLAR
4	457-**Evaluation of volatile oil composition and structural discrepancies in different parts of *Chenopodium botrys* L.** Pelin Yılmaz Sancar* , Azize Demirpolat
5	610-**Genetic Identification of Some Medicinal and Aromatic Hawthorn (*Crataegus* spp.) Species Naturally Distributed in Artvin** Hayal AKYILDIRIM BEĞEN, Özgür EMİNAĞAOĞLU, Perinçek Seçkinozan ŞEKER, Ahmet Yesari SELÇUK, Batuhan Yaman YAKIN, Nasibe Tekiner AYDIN, Ayşegül SARAL SARIYER, Emrah SARIYER, Damla İpek TOK
6	611-**Ethnobotanical Uses and the Medicinal - Economic Significance of *Valeriana* Species** Hayal AKYILDIRIM BEĞEN, Özgür EMİNAĞAOĞLU, Damla İpek TOK *
7	616-**Traditional Plants Used For Medicinal-Aromatic Purposes in South Villages of Ardanuc, Artvin (Türkiye)** Özgür EMINAGAOGLU* , Hayal AKYILDIRIM BEGEN, Funda ERSEN BAK, Melahat OZCAN , Nasibe TEKINER AYDIN , Sevval SALIOGLU, Canan ACIKGOZ HARSIT , Emine YAZICIOGLU, Bahar ASLAN
8	626- **Traditional plant uses in the villages surroundings of Karagöl-Sahara National Park** Özgür EMINAGAOGLU* , Melahat OZCAN , Funda ERSEN BAK , Hayal AKYILDIRIM BEGEN , Sevval SALIOGLU*, Nasibe TEKINER AYDIN , Canan ACIKGOZ HARSIT, Emine YAZICIOGLU, Bahar ASLAN
Discussion	
Break (10:30 – 11:00)	

Session 9.2 / 09:00 – 10:30	**Session Chair :**
1	62- **Sazan balığının (*Cyprinus carpio*) COI gen dizilerine dayalı filogenetik karşılaştırmaları** Serdar YEDİER ,Zeynep AKBAŞ* ,Seda KONTAŞ YALÇINKAYA ,Derya BOSTANCI
2	232- **Restriksiyon enzimleri kullanılarak farklı türlerde cinsiyetin belirlenebilmesinin PZR-RFLP yöntemiyle araştırılması** Yusuf Özşensoy
3	337- ***Eratigena atrica* (C.L. Koch, 1843) türünün karyotip özelliklerinin belirlenmesi** Ümit Kumbıçak, Zübeyde Kumbıçak, Sudenaz Şencan*, Ömer Faruk Uydaş
4	339- ***Pardosa roscai* (Roewer, 1951) türünün mayoz bölünme özelliklerinin belirlenmesi** Ümit Kumbıçak, Zübeyde Kumbıçak, Ömer Faruk Uydaş* , Sudenaz Şencan
5	507- **Biotypes of *Bemisia tabaci* populations in Southwestern Türkiye** Ömer YÜZER*, Alper TONGUÇ , Ersin DOĞAÇ
6	553- **Evolution of the Dmrt1 Sex Gene in the Anatolian Water Frog Complex (Genus: *Pelophylax*) in Türkiye** Doğa Koçyiğit, Buse Ceyda Öncel, Çiğdem Akın Pekşen*, Albert J. Poutska, Jose H. Grau, Jörg Plötner
7	633- **BIX-induced Somatic Embryogenesis through Epigenetic Reprogramming in *Arabidopsis thaliana*** Burcu Gündüz *, Sinan Meriç
Discussion	
Break (10:30 – 11:00)	

Session 9.3 / 09:00 – 10:30	**Session Chair :**
1	119- **Carbonized Turkish Tea Waste for Interfacial Solar Steam Generation** Ezgi Topçu*, Serap Katranlı, Kader Dağcı Kıranşan, Elif Erçarıkcı, Serkan Bayar
2	120- **Sustainable Water Evaporation System Based on Carbonized Turkish Coffee Waste and Cellulosic Sponge** Ezgi Topçu*, Şeyda Sefa, Kader Dağcı Kıranşan, Elif Erçarıkcı, Serkan Bayar
3	13- **Biosynthesis of Helichrysum arenarium L.-Cu(II) hybrid nanoflowers and evaluation of their cytotoxic activities** Burcu SOMTÜRK YILMAZ*
4	56- **Kiraz domatesin raf ömrünü uzatmak için PBAT esaslı nanokompozit filmlerin geliştirilmesi ve karakterizasyonu** Seden Aksu, Şükran Melda Eskitoros Toğay*
5	99- **AlNi-Graphene Modified Natural Wool Materials for Solar Steam Generator Applications** Kader Dağcı Kıranşan*, Ezgi Salper, Ezgi Topçu, Elif Erçarıkcı, Zeynep Karcıoğlu Karakaş
6	110- **Yeni Bir Schiff Bazı Temelli Rutenyum(II) Aren Kompleksinin Sentezi ve Meme Kanseri Hücrelerine Karşı Sitotoksik Aktivitesi** Serdar Batıkan Kavukcu*
7	129- **Comparison of Classical and Ultrasound-Assisted Extraction of Phytochemicals and Antioxidant Activity of *Salvia officinalis* L.** Emine Kılıçkaya Selvi
8	574-**Environmental and mechanical impacts of incorporating synthetic C-S-H in cement systems** Nevin Karamahmut Mermer*, Melis Ünal
Discussion	
Break (10:30 – 11:00)	

Session 9.4 / 09:00 – 10:30	**Session Chair :**
1	174- **UV-Curable Emulsion Hydrogel System Based on Modified PVA as a Wound Dressing Material** Bora Gümüş, Fatma Nur Parın*
2	257- **Otomotiv Şartlarına Uygun Uv Dayanımı Sağlayan PBT/PET Harmanlarının Geliştirilmesi** Dilara SÜZER
3	329- **Hotair Tutkalı ile PP Kenar Bandı Üretim Sürecinde Yapışma Performansının Artırılması** Ertuğ YILDIRIM*, İsmail Bilgin DEMİRCİ
4	394- **Responsive Polymer Brush Architectures Explored via Dissipative Particle Dynamics** Agnė Kilnaitė[1]*, Atakan Meran[1]
5	621- **Synthesis and characterization of the poly(ε-caprolactone-g-styrene) three arm block-brush copolymer via RAFT bulk polymerization** Melahat Göktaş*, Ümran Aslan, Cengiz Aykaç
6	201- **Antifungal activity and biocompatibility on fibroblast cells of Sea Urchin (*Diadema setosum*) gonad lipid extract based PVA (polyvinyl alcohol) hydrogel** Elif Erdoğan Eliuz, Ayşegül Demircan*, Ayşe Kılınç, Deniz Ayas, Mert Acar
7	314- **Iletken Nanokompozit Polimerlerin Eldesi Ve Özelliklerinin Araştirilmasi** Ilke Demirkaya*, İbrahim Kurtay, Ilknur Babahan-Bircan
Discussion	
Break (10:30 – 11:00)	

ORAL PRESENTATIONS		
27 June 2025	**SESSION 10**	**Time 11:00 – 12:30**

Session 10.1 /11:00 – 12:30	**Session Chair :**
1	31- **How classroom participation and course projects affect final grades in biology courses in online teaching?** Sara Pupe
2	92- **How does the concept of sustainable development affect the acquisition of knowledge by students in the pre-university and university systems?** Sara Pupe
3	61- **A New Role for Cyclobenzaprine: Cytotoxic Effects in Lung Cancer Cells** Aslı ELDEM
4	426- **Plastivore insects: an overview** Elif Fatma Topkara*
5	430-**TRP Channels in Colorectal Cancer** Müge MAVİOĞLU KAYA
6	504- **Bitkilerden elde edilen doğal bileşikler ve pulmuner fibrozisin baskılanmasındaki etki mekanizmaları – Bir derleme çalışması** Pınar Aksoy*, Önder Yumrutaş, Muhittin Doğan, Pınar Yumrutaş
7	523-**İstilacı *Cirsium arvense* (l.) scop.'in grime'in CSR stratejilerine göre sınıflandırılması** Elif KOCAMAN
8	532- **Model Organizma Olarak *Drosophila melanogaster*'de Levetirasetamın Toksisitesi ve Roselle'nin Olası Koruyucu Etkisi** Amir Mohammad MUQIM , Fahriye ZEMHERİ NAVRUZ
Discussion	
Break (12:30 - 13:00)	

Session 10.2 / 11:00 – 12:40	**Session Chair :**
1	278- **Endüstriyel Meyve Posalarının Antidiyabetik Potansiyeli: a-Amilaz İnhibisyonu** Esma Aslan* (*3266-0882*), Nurullah Zekeriya Akar
2	316- **Omega-3 Rich Edible Oil Alternative: Functional Potential and Limitations of Camelina sativa Oil** Necattin Cihat ICYER
3	379- **Preservation of Quality in Seafood Products with Smart Packaging Technologies** Hatice Gündüz* , Fatma Öztürk
4	474- **Geleneksel ve Hazır Köfte Harcı Kullanılarak Hazırlanan Maydanoz Tohumu ve Çörek Otu Yağı İlave Edilen Kolyoz Balığı Köftelerinin Besin Değeri ve Duyusal Kalite Özelliklerinin Belirlenmesi** Şeyma Nur Bacaksız* , Fikret Çakır
5	559- **Toxic Traces of Some Heavy Metals** Nurbanu Edi , Melek Zor*
6	631- **The role of hormesis in nutrition and health** Merve Başak Sarraç*, Gamze Toydemir
7	660- **Medicinal Mushrooms as Natural Antioxidant Sources: Their Potential in Combating Oxidative Stress** Celal Bal*
8	497- **The Effect of Different LED Light Conditions on the Total Phenolic and Flavonoid Contents of Fenugreek (*Trigonella foenum-graecum* L.) Microgreens** Zehra Demirci, Muhammet Dogan, Bugrahan Emsen
9	637- **Evaluation of Antioxidant Activities of Leaf and Fruit Extracts of *Cotoneaster coriaceus* Franch. by DPPH Assay** Zehra Demirci, Muhammet Dogan, Bugrahan Emsen

Discussion	
Break (12:40 - 13:00)	

Session 10.3 / 11:00 – 12:30	**Session Chair :**
1	305- **Removal of 2-(4-isobutylphenyl)propanoate (ibuprofen) from aqueous solutions by adsorption onto carbon fiber** Timur TONGUR
2	307- **Size Effect on WS_2 Structures in Electrochemical Ammonia Synthesis via Nitrogen Reduction Reaction** Talha Kuru*, Yigit Osman Akyıldız, Ali Keleş, Barış Arıcı, Emre Aslan , İmren Hatay Patır
3	308- **Electrochemical NH3 production by different size Molybdenum Sulfide** Yigit Osman Akyıldız*, Talha Kuru, Ali Keleş, Barış Arıcı, Emre Aslan, İmren Hatay Patır
4	309- **A novel binary mixture of lauric acid/caprylic acid as phase change material for refrigerated trucks** Bercem Kiran-Yildirim*, Zeynep Lara Pazar , Ozlem Turhan
5	319- **Influence of Mg^{2+} Ions on the Crystallization and Filtration Characteristics of Lithium Carbonate** Sevgi Polat*
6	189- **Thermal Analysis-Based Investigation of the Pyrolysis Kinetics of *Spirulina platensis*** Sevgi Polat*, Ömer Faruk Kılıç
7	323- **Photocatalytic Hydrogen Generation by a Novel Push-Pull Donor-π-Acceptor Dye Sensitized TiO_2** Yigit Osman Akyıldız, Emre Aslan
8	623- **Injectable Ca^{2+}-Bridged CMC/PVA Supramolecular Hydrogel with Self-Healing, Hemocompatibility, and Controlled Procaine Release for Advanced Wound Care** Banu Kocaaga *
Discussion	
Break (12:30 - 13:00)	

Session 10.4 / 11:00 – 12:30	**Session Chair :**
1	367- **A computer simulation study on coalescence of metal nanoparticles** Songül Taran*
2	381- **Magnetic properties of spin-3/2 antiferromagnetic Blume-Capel model in triangular lattice** Ahmed Tawfik Hasan Al-Askari , Ulvi Kanbur
3	534- **Bakır Tabanlı Bazı Alaşımların Gama Radyasyonu ile Etkileşimlerinin İncelenmesi** Tuğba İspir*, Ferdi Akman
4	537- **Seçilen Kauçukların Gama Radyasyonu Zırhlama Parametrelerinin Değerlendirilmesi** Tuğba İSPİR*, Ferdi AKMAN
5	548-**EpiXS tabanlı hesaplamalarla gelişmiş seramik numunelerin gama radyasyonu azaltma kapasitelerinin değerlendirilmesi** İlhami Erkoyuncu* , Ferdi AKMAN
6	549- **Bazı Cam Türlerinin Birincil ve İkincil Radyasyon Etkileşimlerinin İncelenmesi** İlhami Erkoyuncu* , Ferdi AKMAN
7	691- **Design and optimization of a solar-wind hybrid system with enhanced efficiency measures for Türkiye** Nazif Erdem Gülçin*, Betül Çetin , Zuhal Er, Osman Giray Oğuzman
8	694- **Simulation of Charging and Sustainability of Electric Motors in Aviation from a Hybrid Renewable Energy System** Betül Çetin*, Nazif Erdem Gülçin, Osman Giray Oğuzman, Zuhal Er
Discussion	
Break (12:30 - 13:00)	

ORAL PRESENTATIONS		
27 June 2025	**SESSION 11**	**Time 13:00 – 14:30**

Session 11.1 / 13:00 – 14:30	**Session Chair :**
1	95- **Interfacial film flows on multi-layer thin films.** Gökçen Çekiç*, Grigory M. Sisoev
2	207- **The infinite sum of reciprocal Fibonacci numbers** Abdullah Açıkel
3	214- **On the relations between three reduced series of numbers** Abdullah Açıkel
4	229- **Random metric lattices and some betweenness relations in random metric spaces** Celaleddin Şençimen*
5	235- **Existence of positive solutions for a system of Hadamard fractional boundary value problems** Alexandru Tudorache , Rodica Luca Tudorache*
6	236- **Positive solutions to a system of fractional q-difference equations with multi-point boundary conditions** Rodica Luca Tudorache * , Alexandru Tudorache
7	405- **Some bounds on distance based energy of graph products** Kübra Nur Koral ,Ezgi Aydemir*
Discussion	
Break (14:30 - 15:00)	

Session 11.2 / 13:00 – 14:30	**Session Chair :**
1	118- **Raspberry Pi Kullanarak Etkili ve Ekonomik Elektronik Ücret Toplama Sistem Tasarımı** Burhan ÜSTÜBİ* , Ebubekir KARTAL , Elif ALTINTAŞ, Habib DOĞAN
2	408- **Reinforcement Learning for Aerial Robots: Real-World Evaluation of Infeasible Trajectory Tracking** Ali Tahir Karasahin
3	422- **Understanding The Rationale and Advantages Of Embedded Systems Modelling with Emphasis on Electronic Differantial Using Ackermann Steering** Atakan Ertekin* , Mustafa ENGIN
4	570- **İnsansız Araç Mühendisliğinin Geleceği: Teknolojik Gelişmeler ve Uygulama Alanları** Başak Demir Ünalan*
5	122-**Fuzzy backstepping control of quarter car suspension system** Meral ÖZARSLAN YATAK
6	361- **Effect Of Feder Produced By Plastic Injection On Material Behavior** Yunus ÇİVİCİ , Onuralp ULUER
7	115- **Optimization of U-Bending Process Parameters for 304L Austenitic Stainless Steel** BOUDEDJA Amar*, BENCHERIF Mokhtar, ALMANSBA Madjid , FERHOUM Rabah, HABAK Malek, BELMIHOUB Khellaf
8	515- **Inconel 625 süper alaşımının tornalanmasında kesme hızının işleme performansına etkisi** Yusuf Siyambaş
Discussion	
Break (14:30 - 15:00)	

Session 11.3 / 13:00 – 14:30	Session Chair :
1	60- **Clays as supplementary cementitious materials, a FTIR investigation on structural modification** Sidorela Vishkulli*, Sonila Vito, Ilirjana Boci
2	151- **The use of perlite and vermiculite aggregates in the production of lightweight mortars** Zeynep ALGIN , H. Murat ALGIN, Savaş KARAMAN*, Sarteep NAJMULDEEN ISMAEL, Şerif YOLUK
3	185- **case study on the effects of high horizontal and vertical accelerations on structural damage in Antakya during the 2023 Türkiye earthquakes** Emre Gani* , Sezer Öztürk, Ali Sari
4	246- **Menfez kesitlerinde karayolu göçme nedenlerinin araştırılması** Abdulmuttalip YOLUR , Necati KAYAALP
5	385- **Non-stationary analysis of extreme temperatures in Erzurum using physical covariates** Muhammet Yılmaz*
6	386- **Detection and assessment of pedestrian crossings physical conditions using YOLOv12 model** Kadir Diler Alemdar*
7	400- **Perlit agregalı polimer betonların kılcal su emme özelliklerinin deneysel olarak incelenmesi** Bedirhan İhsan GÜLNAHAR* , Halit Alperen BULUT
Discussion	
Break (14:30 - 15:00)	

Session 11.4 / 13:00 – 14:30	Session Chair :
1	103- **Half-Metallic Properties of $CsIrI_3$ Perovskite: A First-Principles Study** Doğukan Alkan, İlknur Kars Durukan , Yasemin Öztekin Çiftçi
2	403- **Production of Al-doped ZnO materials and investigation of their properties** Mariam Chari*, Zafer Gültekin , Handan Engin Kırımlı
3	566- **Kil Minerallerinin Gama Işınları ile Etkileşiminin Araştırılması** Hatice Gürel Özdemir*, Ferdi Akman , Mustafa Recep Kaçal
4	569- **Bazı B Vitaminlerin Gama Radyasyonları ile Etkileşimlerinin Araştırılması** Hatice Gürel Özdemir* , Ferdi Akman , Mustafa Recep Kaçal
5	593- **Theoretical calculation of gamma radiation shielding properties of some binary aluminate ceramics** Meryem YILMAZ,*, Ferdi AKMAN
6	594- **Bazı Silikat Cam Elyaflarının Gama Radyasyon Kalkanı Özellikleri Üzerine Bir Çalışma** Meryem YILMAZ,*, Ferdi AKMAN
7	665- **Temperature dependent electrical behavior of nickel silicide Schottky diodes on *p*-type silicon** Yigitkan Oz, M. Cuneyt Haciismailoglu*
8	662- **Resolved GMCs in Lenticular Galaxy NGC383** Selçuk Topal*, Martin Bureau, Anan Lu, Pandora Dominiak, Woorak Choi, Timothy A. Davis, Fu-Heng Liang, Ilaria Ruffa , Lijie Liu, Hengyue Zhang
Discussion	
Break (14:30 - 15:00)	

POSTER PRESENTATIONS 3		27 June 2025
POSTER SESSION 3.1		**Time 10:30 – 12:30**
1	58-**Investigation of the effects of some plant lectin proteins on the digestıve enzymes of the agricultural pest *Halyomorpha halys* (stal) beetles** Özlem KARADUMAN, Serap DOGAN, Begümhan YILMAZ KARDAS, Mehmet Emin DİKEN, Sakin Vural VARLI	
2	183-**The impact of external magnetic field on chlorophyll content, leaf morphology, and gene expression in the Fragaria × ananassa** Mustafa Mert Cengiz, Merve Seven	
3	298-**The Protective Effects of Chard on Kidney Damage Induced by Valproic Acid Toxicity in Rats** Fatemeh Mahmoudi* , Sevim Tunali , Refiye Yanardag	
4	392-**Bridging the Knowledge Gap: Investigating Short-Chain PFAS Effects on Lipid Metabolism and Immune System** Recep Anıl Kaya	
5	444-**Effects of sustainable diets such as insect-based, essential oil-supplemented and single-cell protein on disease resistance in aquaculture** Ulviye Karacalar	
6	368-***In vitro* antioxidant activities *of Helianthus tuberosus* L. extracts** Mitra Bijad *, Sevim Tunali, Refiye Yanardag	
7	472-**Effects of *Helianthus tuberosus* L. extracts on enzyme activities in diabetes mellitus** Mitra Bijad * , Sevim Tunali , Refiye Yanardag	
8	582-**Phytoremediation potential of *Limnobium laevigatum* enhanced by ZnO nanoparticles in arsenic-contaminated waters** Ekin Ayşegül KIRMIZIKAR , Danial NASSOUHI* , Mehmet Borga ERGÖNÜL	
9	526-**Monitoring Organophosphate Resistance in *Bemisia tabaci* Populations from the Mediterranean and Aegean Regions of Türkiye** Ömer YÜZER* , Ersin DOĞAÇ , Alper TONGUÇ	
10	383-**Multi 7: A food supplement with antioxidant activity** Lulya Aldada * , Ismet Burcu Turkyilmaz Mutlu , Refiye Yanardag	
11	384-**Multi 7: A food supplement with inhibitory activity of diabetes-related enzymes** Lulya Aldada * , Ismet Burcu Turkyilmaz Mutlu, Refiye Yanardag	
Discussion		