

International 4th Conference on Functional Materials Science and Engineering 2026 (FunMat 2026) — Conference Program	
DAY 1 — Thursday, 4 June 2026	
Time	Opening Ceremony Şehit İstihkam Üsteğmen Ozan Olgu Köreke Conference Hall
08:00 - 09:00	Registration
	Opening Speech
09:00-09:15	Prof.Dr. Osman Murat Ozkendir, Conference Chair & Prof. Dr. Zehra Yeğingil, Toros University, Dean of Engineering Faculty
09:00-09:15	Prof. Dr. Omer Arioz - Rector, Toros University & Prof. Dr. Ali Ozen - Rector, Tarsus University
SESSION I - Invited Speakers, Chair: Prof. Dr. Osman Murat Ozkendir	
09:15-09:30	Platin Sponsor Seçil Kauçuk San. ve Tic. A.Ş Firma Tanıtımı İlker Köprü & Plaque Presentation Ceremony Conference Chair: Prof. Dr. Osman Murat Ozkendir
09:30 - 10:10	Design and Development of Ru-based Heusler-type Thermoelectric Materials for High-Temperature Energy Conversion <i>Assoc. Prof. Dr. Hidetoshi Miyazaki</i> Department of Physical Science and Engineering, Nagoya Institute of Technology
10:10 - 10:50	Organic Transistors as Light Sources and Biosensors <i>Dr. Mamatimin Abbas</i> Université de Bordeaux, French National Centre for Scientific Research (CNRS)
10:50 - 11:10	Coffee Break & Poster Session 1 (see Poster Sessions sheet)
11:10 - 11:50	From Functional Interfaces to Scalable Modules: Advancing Perovskite Solar Cells through Clay-Based Engineering and Sustainable Manufacturing <i>Prof.Dr. Mahmut Kus</i> Department of Chemical Engineering, Faculty of Engineering, Konya Technical University
11:50 - 12:30	Beyond Conventional Shielding: Advanced Concepts in Electromagnetic Wave Absorption <i>Prof.Dr. Mustafa Akyol</i> Department of Materials Science and Engineering, Faculty of Engineering, Adana Alparslan Turkes Science and Technology University
12:30 - 13:30	Lunch Break
PARALLEL ORAL SESSIONS — · 13:30 - 15:50	
	Session A-Ia · 13:30 - 14:30 — Functional & Energy Materials (Chair: Prof.Dr. Ahmet Ekicibil) Şehit İstihkam Üsteğmen Ozan Olgu Köreke Conference Hall
	Session B-I: Computational, Catalytic & Bio-Functional Materials (Chair: Prof. Dr. Faruk Karadağ) B202 HALL
13:30 - 13:50	[A1] Current Status and Future Perspectives of Beryllium Oxide (BeO) Based Optically Stimulated Luminescence Dosimeters Volkan Altunal, Veysi Guckan, Zehra Yegingil Physics Department, Art and Sciences Faculty, Cukurova University, Adana, Turkiye Electrical and Electronic Engineering Department, Engineering Faculty, Toros University, Mersin, Turkiye
	[B1] Synthesis of Pt-Co-Ni Ternary Catalyst for Oxygen Reduction Reaction Gediz Korkmaz, Dogan Kaya, Tunc Tuken Department of Advanced Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University Department of Physics, Faculty of Art and Sciences, Cukurova University Department of Advance Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University Department of Chemistry, Faculty of Arts and Sciences, Cukurova University

13:50 - 14:10	<p>[A2] Magnetic and Magnetocaloric Behavior of the PrBa_{0.9}Ca_{0.1}Mn₂O₆ Double Perovskite Arda Kandemir, Gonul Akca, Selda Kilic Cetin, Ali Osman Ayas, Mustafa Akyol, Ahmet Ekicibil Department of Physics, Faculty of Science and Letters, Cukurova University Department of Physics, Faculty of Science and Letters, Adiyaman University Department of Materials Science and Engineering, Faculty of Engineering, Adana Alparslan Turkes Science and Technology University Department of Physics, Faculty of Science and Letters, Cukurova University</p>	<p>[B2] Immersion Corrosion and Antibacterial Behavior of NaOH Conversion-Coated HA/Si₃N₄-Reinforced Mg₂Zn₁Mn-Based Nanocomposites with and without Ag Addition Emre Ozer, Evrim Kaya, Umut Aksu, Demet Zaloglu, Mehmet Ayvaz, Ecenur Terzioglu, Mustafa Ubeyli Department of Industrial Engineering, Faculty of Engineering and Natural Sciences, Osmaniye Korkut Ata University Department of Biology, Faculty of Engineering and Natural Sciences, Manisa Celal Bayar University Department of Mechanical Engineering, Faculty of Engineering and Natural Sciences, Osmaniye Korkut Ata University Department of Electronics and Automation, Manisa Technical Sciences Vocational School, Manisa Celal Bayar University</p>
14:10 - 14:30	<p>[A3] Turning Waste Heat into Advantage: Thermoelectric Bi₂Te₃ Composites for Thermally Stable NaFeO₂ Battery Cathodes Osman Murat Ozkendir Department of Fundamental Engineering Sciences, Faculty of Engineering, Tarsus University</p>	<p>[B3] A Computational Study of the Effect of an External Electric Field on H₂S Adsorption in ZIF-71 Omer Sahin Sarisoy, Yeliz Gurdal Department of Bioengineering, Graduate of School, Adana Alparslan Turkes Science and Technology University Department of Bioengineering, Adana Alparslan Turkes Science and Technology University</p>
14:30 - 14:50	Coffee Break	
<p>Session A-Ib · 14:50 - 15:50 — Optoelectronic & Functional Materials (Chair: Prof. Dr. Mahmut Kuş) Şehit İstihkam Üsteğmen Ozan Olgu Köreke Conference Hall</p>		<p>Session B-II: Computational, Catalytic & Bio-Functional Materials (Chair: Prof. Dr.Osman Murat Özkendir) B202 HALL</p>
14:50 - 15:10	<p>[A4] Light Emitting Field Effect Transistors: A New Avenue for Disruptive Technologies Mujeeb Ullah Chaudhry Durham University, Durham, United Kingdom</p>	<p>[B4] Investigation of the Structural Dynamics of ZIF-80 Under an External Electric Field via Ab-Initio Molecular Dynamics and Metadynamics Gullusum Tunc, Yeliz Gurdal Department of Bioengineering, Graduate School, Adana Alparslan Turkes Science and Technology University</p>
15:10 - 15:30	<p>[A5] Analysis of Hydrogen Bonds inside Span 80 Reverse Micelles by Molecular Dynamics Simulations Tomoko Mizuguchi, Yuri Ono, Mao Fukuyama Graduate School of Science and Technology, Kyoto Institute of Technology Department of Chemistry, Faculty of Science, Ege University, Visiting Researcher Institution of Multidisciplinary Research for Advanced Materials, Tohoku University</p>	<p>[B5] Graphene-Like Carbon Materials Derived from Olive Pits for Promoting Human Dermal Fibroblast Proliferation and Enhancing Wound Healing Derya Yekin, Sevda Ildan Ozmen Advanced Technology Education Research and Application Center, Mersin University</p>
15:30 - 15:50	<p>[A6] Energy- and Composition-Dependent Investigation of Mass Attenuation Coefficient in Ti-Doped Ceramic Materials via XCOM Arzu Poyraz, Mehmet Ersin Aytekin, Huseyin Topakli Department of Medical imaging techniques, Health Services Vocational School, Toros University Department of Electricity and Automation, Mersin Tarsus Organized Industrial Zone Technical Sciences Vocational School, Tarsus University Department of Engineering Fundamentals, Faculty of Engineering, Tarsus University</p>	<p>[B6] The Effect of LLZO Content on the Phase Transformation of LLZO in PEO/LiTFSI Solid Electrolytes Sevda Saran Department of Physics, Faculty of Science, Selcuk University</p>
15:50 - 16:10	Coffee Break & Poster Session 2 (see Poster Sessions sheet)	

PARALLEL ORAL SESSIONS — Block 2 · 16:10 - 18:10		
	Session A-II: Superconductivity & Functional Materials (Chair: Assoc. Prof. Dr. Evrim Ersin Kangal) Şehit İstihkam Üsteğmen Ozan Olgu Köreke Conference Hall	Session B-II: Manufacturing & Structural Materials (Chair: Prof. Dr.Recep Zan) B202 HALL
16:10 - 16:30	<p>[A7] Temperature Effects on Local Disorder and Interlayer Bonding in the Layered van der Waals Superconductor NaSn₂As₂ Muammer Hacisalihoglu, Gian Marco Pugliese, Federico Stramaglia, Yosuke Goto, Kensei Terashima, Laura Simonelli, Hidenori Fujiwara, Alessandro Puri, Carlo Marini, Francesco d'Acapito, Takayoshi Yokoya, Takashi Mizokawa, Yoshikazu Mizuguchi, Naurang Lal Saini Dipartimento di Fisica, Università di Roma 'La Sapienza' Department of Physics, Recep Tayyip Erdogan University Department of Physics, Ankara University Department of Physics, Tokyo Metropolitan University Research Institute for Interdisciplinary Science (RIIS), Okayama University CELLS-ALBA Synchrotron Radiation Facility, Carrer de la Llum CNR-IOM-OGG c/o ESRF LISA CRG Department of Applied Physics, Waseda University</p>	<p>[B7] Investigation of the Effects of Heat Treatments on the Microstructure and Mechanical Properties of Additively Manufactured Inconel 718 and Ti-6Al-4V Alloys Muge Asik, Dogan Kaya, DurmuS Ali Bircan Department of Advance Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University Department of Physics, Faculty of Art and Sciences, Cukurova University Department of Mechanical Engineering, Faculty of Engineering, Cukurova University</p>
16:30 - 16:50	<p>[A8] Effect of Ni/Co Ratio on the Structural Properties of Spinel NiCoFe₂O₄ Ferrites Hasan Huseyin ISIK, Ilknur Baldan Isik, Dogan Kaya, Faruk Karadag, Ahmet Ekicibil Department of Physics, Faculty of Art and Sciences, Cukurova University Department of Advance Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University</p>	<p>[B8] Effect of Post-Weld Heat Treatment on the Microstructural and Mechanical Properties of Dissimilar Al-Ti Welded Joints Mustafa Ugurlu Machinery and Metal Technologies Department, Vocational School of Technical Sciences, Cukurova University</p>
16:50 - 17:10	<p>[A9] Magnetocaloric Applications of Oxide Materials for Low-Temperature Cooling Gizem Cetin Department of Physics, Faculty of Science and Letters, Cukurova University</p>	<p>[B9] Hot-Dip Aluminum Coating of Low-Carbon Steels Using Aluminum Recovered from Smelted Aluminum Dross Ibrahim Umut Yurtsever, Selcuk Yesiltepe Department of Mechanical Engineering, Faculty of Engineering and Natural Sciences, Osmaniye Korkut Ata University</p>
17:10 - 17:30	Coffee Break	
17:30 - 17:50	<p>[A10] Two-Dimensional CaZn₂Sb₂: Stability and Lattice Thermal Conductivity Emre Bolen Department of Medical Services and Techniques, Vocational School of Health Services, Aksaray University</p>	<p>[B10] Thermomechanical Displacement Analysis of Rotating Hollow Hybrid Composite Cylinders Huseyin Firat Kayiran Provincial Coordinatorate, Agriculture and Rural Development Support Institution</p>
17:50 - 18:10	<p>[A11] Why Image Processing and Topological Analysis? Ozkan Ozgur Topal, Evrim Ersin Kangal, Hulya Metin Gubur Department of Physics, Faculty of Science, Mersin University Department of information Syst. and Tech., Erdemli School of Applied Tech. and Management, Mersin University</p>	<p>[B11] From Marine Waste to Concrete: Utilization of Ghost Fishing Nets in Sustainable Concrete Mukerrem Fatma Ilkisik, Alvand moshfeghi Department of Civil Engineering, Faculty of Engineering, Nisantasi University</p>
18:10	End of Day 1	

DAY 2 — Friday, 5 June 2026		
Time	CONFERENCE HALL	
PARALLEL ORAL SESSIONS — Block 3 · 09:00 - 11:00		
	<p>Session A-III: Energy & Magnetic Materials (Chair: Assoc. Prof. Dr. Doğan Kaya) Şehit İstihkam Üsteğmen Ozan Olgu Köreke Conference Hall</p>	<p>Session B-III: Applied Materials & Industry (Chair: Prof. Dr. Zehra Yeğingil) B202 HALL</p>
09:00 - 09:20	<p>[A12] Preparation and Characterization of Biofunctional Graphene Quantum Dots Oskay Kahraman, Semih Latif Ipek, Didem Demir Department of Chemistry and Chemical Process Technologies, Tarsus University Department of Food Engineering, Adana Alparslan Turkes Science and Technology University</p>	<p>[B12] Geometrical Investigation of TPMS-Based Gyroid Structure: A Case Study for Unmanned Aerial Vehicles Gorkem Kemal Ermurat, Kayhan Dagidir Department of Aerospace Engineering, Faculty of Aeronautics and Astronautics, Tarsus University Department of Mechanical Engineering, Faculty of Engineering, Tarsus University</p>
09:20 - 09:40	<p>[A13] Structural, Magnetic and Magnetocaloric Properties of La_{0.67}Ca_{0.27}Sr_{0.06}MnO₃ Perovskite Manganite Mehmet Selim Aslan, Selda Kilic Cetin, Gonul Akca, Ahmet Ekicibil Department of Physics, Faculty of Art and Sciences, Cukurova University</p>	<p>[B13] Electrocatalytic HER/OER Performance of PdCo/CoFe₂O₄/Carbon Black Nanocomposites in Alkaline Media Dogan Kaya, Emre Can Tayfun, Zafer Eroglu, Ruveyda Uguz, Onder Metin, Faruk Karadag, Ahmet Ekicibil Department of Physics, Faculty of Art and Sciences, Cukurova University Department of Advance Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University Department of Chemistry, Faculty of Sciences, Koc University Department of Chemistry, Faculty of Art and Sciences Koc University Surface Science and Technology Center (KUYTAM)</p>
09:40 - 10:00	<p>[A14] Optical Characterization of Spin-Coated CA-CN Thin Films by UV-Vis Spectroscopy Pinar Oruc, Ayten Seckin, Selcuk Izmirli, Orhun Dos, Nihat Tugluoglu, Mamatimin Abbas, Rumeysa Yanbakan, Serkan Eymur, Haluk Koralay, Sukru Cavdar Department of Physics, Faculty of Science, Gazi University Basic and Engineering Sciences Central Laboratory Application and Research Center (GUTMAM), Gazi University Pursaklar Science and Arts Center, Ministry of National Education Alparslan Defence Sciences and National Security Institute, National Defence University Department of Energy Systems Engineering, Faculty of Engineering, Giresun University Université de Bordeaux, CNRS Department of Physics, Faculty of Science, Ankara University</p>	<p>[B14] Investigation of Treatment Performance of Oil-Containing Wastewater by Membrane Distillation Bioreactor Zeynep Bilici, Yasin Ozay, Nadir Dizge Department of Environmental Engineering, Faculty of Engineering, Mersin University Department of Environmental Protection Technologies, Mersin Tarsus Organized Industrial Zone Technical Sciences Vocational School, Tarsus University</p>
10:00 - 10:20	Coffee Break	

10:20 - 10:40	<p>[A15] Comprehensive Magnetic Investigation of Pd-Ni Nanoparticles Prepared by a Modified Polyol Method Emre Can Tayfun, Ruveyda Uguz, Zafer Eroglu, Onder Metin, Faruk Karadag, Ahmet Ekicibil, Dogan Kaya Department of Physics, Faculty of Science and Letters, Cukurova University Department of Chemistry, Faculty of Sciences, Koc University Koc University Surface Science and Technology Center (KUYTAM) Department of Advance Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University</p>	<p>[B15] Evaluation of the Carbon Emission Reduction Potential of a MOF-Based Modular Exhaust Cartridge Approach in Tactical Wheeled Vehicles Ali Baran Narin Koluman Otomotiv Endustri A.S</p>
10:40 - 11:00	<p>[A16] Superconducting Properties of YBCO Nanofibers by Electrospinning Veysi Guckan, Ali Osman Ayas, Faruk Karadag, Mustafa Akyol, Ahmet Ekicibil Department of Physics, Faculty of Science and Letters, Cukurova University Department of Physics, Faculty of Science and Letters, Adiyaman University Department of Materials Science and Engineering, Faculty of Engineering, Adana Alparslan Turkes Science and Technology University</p>	<p>[B16] Mechanical Evaluation of Hardfacing Coating Applied by the MMA Method on S690QL Steel Sefa Altintas, Mehmet Ali Kurgun Koluman Otomotiv Endustri A.S</p>
11:00 - 11:20	Coffee Break & Poster Session 3 (see Poster Sessions sheet)	
PARALLEL ORAL SESSIONS — Block 4 · 11:20 - 13:20		
	<p>Session A-IV: Optical, Luminescence & Semiconductor Materials (Chair: Prof. Dr. Hülya Metin Gübür) Şehit İstihkam Üsteğmen Ozan Olgu Köreke Conference Hall</p>	<p>Session B-IV: Industrial Materials & Sponsor Presentations (Chair: Assoc. Prof. Dr. Didem Demir) B202 HALL</p>
11:20 - 11:40	<p>[A17] Fabrication and Characterization of ZnTe/Si Nanostructure for Visible Light Photodetector by PLD Bashar Al-Ogaidi, Ethar Yahya Salih, Dogan Kaya Department of of Advance Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University Colloge of Materials Engineering, University of Technology Department of Renewable Energy, College of Energy and Environmental Sciences, Al-Karkh University of Science Department of Physics, Faculty of Art and Sciences, Cukurova University Department of Advance Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University</p>	<p>[B17] Heat Treatment Processes in Fasteners and Their Effect on Mechanical Properties Mustafa Kirmizi, Onur Duman, Ezgi Ozdemir Research and Development Center, Berdan Civata A.S Research and Development Center, Berdan Civata A.S</p>

11:40 - 12:00	<p>[A18] Cytotoxic Effects of Green-Synthesized Magnetic Nanoparticles Using Lemon Peel Extract on Cancer Cells and Their Potential for Drug Delivery</p> <p>Derya Yetkin, Cagatay Han Turkseven, Ayca Aktas Sukuroglu, Cihan Gecgel</p> <p>Advanced Technology Education Research and Application Center, Mersin University Faculty of Medicine Department of Basic Medical Sciences Biophysics Division, Mersin University Faculty of Pharmacy, Department of Pharmaceutical Toxicology, Mersin University</p>	<p>[B18] A Study on Crack Defects Occurring in Fasteners</p> <p>Omer Faruk Yasak, Haluk Saltekin, Huseyin Kus, Onur Duman</p> <p>Research and Development Center, Berdan Civata A.S</p>
12:00 - 12:20	<p>[A19] Investigation of the Antimicrobial Properties of Zinc Oxide Nanoparticles Obtained from Waste Solution via Anodization of Zinc</p> <p>Ayşe Gul Catalbas, Deniz Alkaya, Sevda Ildan Ozmen, Aylin Dogen</p> <p>Department of Pharmaceutical Microbiology, Faculty of Pharmacy, Mersin University Advanced Technology Education Research and Application Center, Mersin University Department of Chemistry and Chemical Processing Technologies, Chemical Technology Program, Technical Sciences Vocational School, Mersin University</p>	<p>[B19] Comparison of Surface Cleaning Methods Before Hot-Dip Galvanizing: Acid Cleaning vs. Sandblasting</p> <p>Ummugulsum Basaran, Mehmet Seker, Onur Duman</p> <p>Research and Development Center, Berdan Civata A.S</p>
12:20 - 12:40	Coffee Break	
12:40 - 13:00	<p>[A20] One-step Preparation and Characterization of Conducting Polymer Nanofiber-Coated Carbon Nanotube Yarns for Smart Textile Production</p> <p>Selcuk Poyraz</p> <p>Department of Textile Engineering, Faculty of Engineering, Adiyaman University</p>	<p>[B20] Use of SAE4140 Material in Sucker Rod Production</p> <p>Omer Faruk Yasak, Haluk Saltekin, Huseyin Kus, Onur Duman</p> <p>Research and Development Center, Berdan Civata A.S</p>
13:00 - 13:20		<p>[B21] Effects of Mold Design Improvement on Production Performance</p> <p>Adnan Baday</p> <p>Research and Development Center, Berdan Civata A.S</p>
13:20 - 13:50	<p>Closing Ceremony</p> <p>Prof. Dr. Osman Murat Özkendir Tarsus University</p> <p>Assoc. Prof. Dr. Ali Kemal Havare Toros University</p> <p>Assist Prof. Dr. Merve Özcan Toros University</p>	
13:50	End of Day 2	

FunMat 2026 — Poster Sessions

Chair: Assist Prof. Dr. Merve Ozcan, Toros University

A Coffee Break & Poster Sessions

Code	Poster Title	Authors & Affiliations
P1	Temperature-Driven Phase Evolution in MnO ₂ Nanostructures for Supercapacitor Applications	Atalay Bozdogan, Huseyin Emre Aktas, Mustafa Akyol Department of Materials Science and Engineering, Faculty of Engineering, Adana Alparslan Turkes Science and Technology University

P2	Preparation and Characterization of PdCo Magnetic Alloy Nanoparticles	Ruveyda Beyza Uguz, Emre Can Tayfun, Zafer Eroglu, Onder Metin, Faruk Karadag, Ahmet Ekicibil, Dogan Kaya Department of Physics, Faculty of Art and Sciences, Cukurova University Department of Chemistry, Faculty of Sciences, Koc University Department of Chemistry, Faculty of Art and Sciences, Kocaeli University Koc University Surface Science and Technology Center (KUYTAM) Department of Advance Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University
P3	Development and Application of a Machine Learning Pipeline for Automated Materials Discovery: A Study in ZnO Nanoribbons	Berna Uyanik, Ramazan Esen Independent Researcher Department of Physics, Faculty of Science and Letters, Cukurova University
P4	Computational Study of Pyrene and Hydroxypyrene Complexes with Porphyrin and Protoporphyrin	Zeliha Gamze Ayanoglu, Nursel Acar Selcuki TUBITAK Bursa Test and Analysis Laboratory (BUTAL) Department of Chemistry, Faculty of Science, Ege University
P5	Green Synthesis of PtNi Nanoparticles Using Rosemary Extract and Investigation of Their Catalytic Properties	Selin Karavul, Emre Can Tayfun, Dogan Kaya, Faruk Karadag, Ahmet Ekicibil Department of Physics, Faculty of Art and Sciences, Cukurova University Department of Advance Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University
P6	The Photocatalytic Role of Next-Generation Hybrid Systems in Organic Dyes Removal	Gul Kaya, Zeynep Bilici, Ali Can Dogan, Irem Cerci, Nadir Dizge, Kasim Ocakoglu Department of Fundamental Engineering Sciences, Faculty of Engineering, Tarsus University Department of Environmental Engineering, Faculty of Engineering, Mersin University
P7	Synthesis and Structural Characterization of Ni ₂ FeO ₄ Nanoparticles Prepared by the Sol-Gel Method	Mehmet Eren Mercanli, Hasan Huseyin Isik, Dogan Kaya, Faruk Karadag, Ahmet Ekicibil Department of Physics, Faculty of Art and Sciences, Cukurova University Department of Advance Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University
P8	Dewetting Instability in Polymer Thin Films: A Comparative Analysis of Solvent Vapour and Thermal Annealing Methods	Refik Alp Cagdas, N. Burak Kiremitler, M. Serdar Onses Department of Metallurgy and Materials Engineering, Faculty of Engineering, Erciyes University
P9	Ti-doped NCM811 Cathode Materials for Lithium-Ion Batteries: Solid-State Synthesis and Characterization	Kubra Kesen, Sule Ates, Hadi Baveghar Department of physics, Faculty of Sciences, Selcuk University
P10	External Electric Field Effects on H ₂ O Adsorption in ZIF-90: An Ab-Initio Investigation	Fehime Hayal Gecit, Yeliz Gurdal Department of Bioengineering, Graduate School, Adana Alparslan Turkes Science and Technology University
P11	Evaluating the Reliability of Automated MOF Databases: A Comparative Study of Structural Integrity and Adsorption Performance	Bugrahan Karlilar, Yeliz Gurdal Department of Bioengineering, Graduate School, Adana Alparslan Turkes Science and Technology University
P12	Metal-Organic Framework Embedded Cryogels: Preparation and Characterization	Ceyda Emrullah, Oskay Kahraman, Fatih Tezcan, Seda Ceylan, Didem Demir Department of Chemistry and Chemical Process Technologies, Tarsus University Department of Bioengineering, Adana Alparslan Turkes Science and Technology University
P13	H ₂ S Adsorption and Diffusion Potentials of Zeolites Investigated Through Molecular Simulations	Kerim Can Ozalp, Yeliz Gurdal Department of Bioengineering, Graduate School, Adana Alparslan Turkes Science and Technology University

P14	Green Synthesis of PdCo Nanoparticles Using Olive Leaves Extract: Investigation of Structural and Catalytic Properties	Nurhan Kaya, Batuhan Berk Sahin, Emre Can Tayfun, Faruk Karadag, Ahmet Ekicibil, Dogan Kaya Department of Physics, Faculty of Science and Letters, Cukurova University Department of Advance Materials and Nanotechnology, Institute of Natural and Applied Sciences, Cukurova University
P15	Experimental Investigation of CFRP-Aluminum Single-Lap Joints (SLJ) Bonded with Structural Epoxy and Mechanical Joints	Gurkan Atas, Murat Aydeniz, Esmannur Etili, Utku Uzun Department of Mechanical Engineering , Faculty of Engineer, Tarsus University Department of Mechanical Engineering , Faculty Of Aeronautics and Astronautics, Tarsus University
P16	Annealing Effect on Nanorod CdTe Thin Films Deposited by CBD on ITO Substrates	Zeynep Karabacak, Sevda Ildan Ozmen, Hulya Metin Gubur Department of Physics, Faculty of Science, Mersin University Advanced Technology Education Research and Application Centre, Mersin University Technical Science Vocational School, Department of Chemistry and Chemical Processing Technologies, Mersin University
P17	Solution Combustion Synthesis of Alkaline Earth Borate Phosphors for Dosimetric Applications	Nebi Soydal, Zehra Yegingil, Volkan Altunal Physics Department, Art and Sciences Faculty, Cukurova University Electrical and Electronic Engineering Department, Engineering Faculty, Toros University
P18	Phthalocyanine-Carbon Nitride Hybrid for CO2 Reduction	Perihan Kubra Demircioglu, Buse Sert, Deniz Alaycı, Kauhiko Maeda, Mine Ince Department of Natural and Mathematical Science, Tarsus University Department of Electrical and Electronics Engineering, Toros University Department of Natural and Mathematical Science, Tarsus University, Mersin, Türkiye Department of Department of Chemistry, Institute of Science Tokyo
P19	Structural, Morphological and Luminescence Properties of Ag-doped SrSiO3 Ceramics	Ahmad Mesto, Zehra Yeğingil, Ahmet Ekicibil, Volkan Altunal Physics Department, Art and Sciences Faculty, Cukurova University
P20	Luminescence Investigations on Doped LiAlO2 Ceramics Produced by Green Synthesis	Ikra Yener, Zehra Yegingil, Volkan Altunal Physics Department, Art and Sciences Faculty, Cukurova University, Adana, Türkiye Electrical and Electronic Engineering Department, Engineering Faculty, Toros University
P21	Sürdürülebilir EPDM Kompozitler İçin Endüstriyel Atıkların Değerlendirilmesi: Silika ve Atık Cüruf	A. Öteleş, İ. Köprü, S. Hakan Yetgin Seçil Kauçuk San. ve Tic. Ltd. Şti. Tarsus, Mersin, Türkiye Makine Mühendisliği Bölümü, Mühendislik Fakültesi, Tarsus Üniversitesi, Tarsus, Mersin, Türkiye
P22	Mikronize Cam Elyaf (GF) ve Karbon Elyaf (CF) Takviyeli EPDM Kompozitlerin Üretimi ve Performans Analizi	Ç. Çokaçar, İ. Köprü, S. Hakan Yetgin Seçil Kauçuk San. ve Tic. Ltd. Şti. Tarsus, Mersin, Türkiye Makine Mühendisliği Bölümü, Mühendislik Fakültesi, Tarsus Üniversitesi, Tarsus, Mersin, Türkiye
P23	Seramik Esaslı Mineral Dolguların EPDM Kauçuğunun Özelliklerine Etkisi	M. Işın, İ. Köprü, S. Hakan Yetgin Seçil Kauçuk San. ve Tic. Ltd. Şti. Tarsus, Mersin, Türkiye Makine Mühendisliği Bölümü, Mühendislik Fakültesi, Tarsus Üniversitesi, Tarsus, Mersin, Türkiye
P24	Farklı Tanecik Boyutundaki Karbon Siyahlarının Fiziksel ve Mekanik Özelliklere Etkisinin İncelenmesi	S. Çiftçi, İ. Köprü, S. Hakan Yetgin Seçil Kauçuk San. ve Tic. Ltd. Şti. Tarsus, Mersin, Türkiye Makine Mühendisliği Bölümü, Mühendislik Fakültesi, Tarsus Üniversitesi, Tarsus, Mersin, Türkiye