POSTER PROGRAM OF NCC10

Poster No	Authors	Title
P1	**Emel Engintepe and Ayşe Nilgün Akın** *Kocaeli University/Chemical Engineering*	Oxidative Coupling of Methane (OCM) at Low Temperature Using Nanowire-Structured La_2O_3 and $La_2O_2CO_3$ Catalysts: High Activity, Selectivity and Stability
P2	**Rahime Aybike Koraş, Fatma Eda Özgüven, Mustafa Karatok** *Hacettepe University/* Nanotechnology and Nanomedicine	Controlled Size Distribution of Copper Nanoparticles via a One-Pot Synthesis Approach
P3	**Zeynep Ciğeroğlu, Justin S.J. Hargreaves, Mustafa Yasın Aslan** *Uşak University/Chemical Engineering*	Effect of Synthesis Method on the Catalytic Performance of Supported Cobalt–Molybdenum Nitrides in Ammonia Synthesis
P4	**Ceren Şahin, Yaren Ataseven, Mert Yekta Doğan, Sena Yaşyerli, Nail Yaşyerli Hüseyin Arbağ and H. Mehmet Taşdemir** *Gazi University/Chemical Engineering*	The Comparison of Activities of Mo, Fe and Activated Carbon Catalysts for H_2S Decomposition
P5	**Alyaa Wael Abdullah, Hasan Hayati Uçak, Yaren Ataseven, Hale Akansu and Sena Yaşyerli** *Gazi University/Chemical Engineering*	Catalytic Activities of Alumina Supported Co Catalysts in H_2S Decomposition
P6	**Hilal Dağaşar, Duygu Yılmaz, Ilknur Altın** *Karadeniz Technical University/Chemistry*	Synthesis and characterization of $ZnTiO_3$ photocatalyst for degradation of methylene blue
P7	**ParwanaKoshki, Ilknur Altın, Ilhan Altınok, Vittorio Boffa, Emin Bacaksız and Muzaffer Feyzioğlu** *Karadeniz Technical University/Chemistry*	Green synthesis of graphene sheets decorated by Fe_3O_4 magnetic nanoparticles and their photocatalytic properties toward bisphenol A

P8	**Tuna Gündoğan, Deniz Üner and Seyithan Deniz Ergül** *Middle East Technical University/ Chemical Engineering*	Surface composition determination through Monte Carlo simulations of bimetallic catalysts
P9	**Meryem Usta and Kadriye Özlem Hamaloğlu** *Hacettepe University/ Chemical Engineering*	Hydrogen generation from formic acid over carbon-supported bimetallic and reusable heterogeneous catalysts
P10	**Zafer Say** *TOBB University of Economics and Technology/ Materials Science and Nanotechnology*	Integrated Carbon Capture and Utilization Through Dry Reforming of Methane
P11	**Emine Şimal Mirza and Mustafa Karatok** *Hacettepe University/ Nanotechnology and Nanomedicine*	Selective Propane Dehydrogenation over Pt-Cu Dilute Alloy Catalysts
P12	**Aleyna Özliyen, Saliha Çetinyokuş and Meltem Doğan** *Gazi University/Chemical Engineering*	Development of Zr-Based Catalysts for Isobutene Production from Synthesis Gas
P13	**Ahmet Arda Turk, Rukiye Babacan Tosun, Berfin Güleryüz, Yusuf Kocak, Ali Dörtbudak, Ayse Dilay Erdali and Emrah Özensoy** *Bilkent University/Chemistry*	Ethanol-Mediated Tailoring of Photocatalytic NOx Oxidation and Storage on Reducible Metal Oxides: Probing Molecular Basis of Reactivity
P14	**Ayse Dilay Erdali, Yusuf Kocak, Kaan Karaca, Ahsan Jalal, Ahmet Kerim Avcı and Emrah Özensoy** *Bilkent University/Chemistry*	Influence of Rh Single Atom Loading on Catalytic Ethanol and CO_2 Interactions: Ethanol Oxidation vs. Ethanol Decomposition
P15	**Niyazi Alper Tapan, Beyza Uysal, Nurçe Bilgili, Pınar Cebeci, Büşra Akbulut** *Gazi University/Chemical Engineering*	Energy Production from Cheese Whey Using Boron-Doped Graphene Oxide Catalyst in Plant-Based Microbial Fuel Cells

P16	**Niyazi Alper Tapan, Beyza Uysal, Nurçe Bilgili, Pınar Cebeci and Büşra Akbulut** *Gazi University/Chemical Engineering*	Energy Production from Cheese Whey Using Boron-Doped Graphene Oxide Catalyst in Plant-Based Microbial Fuel Cells
P17	***Ömer Şahin Sarısoy*** **and Yeliz Gürdal Durğun** *Adana Alparslan Turkes Science and Technology University/ Bioengineering*	H_2S Adsorption Properties of Electric-Field-Responsive ZIF-71 for Catalyst Protection
P18	**Güllüsüm Tunç and Yeliz Gürdal Durğun** *Adana Alparslan Turkes Science and Technology University/ Bioengineering*	ZIF-90 Under External Electric Field: An Ab Initio Molecular Dynamics Perspective on Catalytic Potential
P19	**Yasemin Bostan and Murat Oluş Özbek** *Gebze Technical University / Chemical Engineering*	DFT Investigation of CO_2 Hydrogenation Pathways on Cu(100) and Cu(111) Surfaces for Methanol Production
P20	**Gökberk Çelikel and Murat Oluş Özbek** *Gebze Technical University / Chemical Engineering*	DFT-Based Comparison of Cu-doped BN vs. Graphene as MFC Catalysts
P21	**Şeyma Çalışkan**, **Yousef Alyosefalbakour**, **Yasin Korkmaz** and **Ayten Ateş** *Sivas Cumhuriyet University/Chemical Engineering*	Functional Carbon-MOF Hybrids: Glucose Sensing Performance of Activated Biochar-ZIF-8 Composites
P22	**Şeyma Çalışkan**, **Kürşad Oğuz Oskay, and Ayten Ateş** *Sivas Cumhuriyet University/Chemical Engineering*	Synthesis and Electrochemical Performance of NiMn-Decorated Activated Biochar Composites Derived from Tea Waste for Supercapacitor Applications
P23	**Aydan Zeynalova , Ayten Ateş and Kürşad Oğuz Oskay** *Sivas Cumhuriyet University/* Metallurgical and Materials Engineering	Synergistic Enhancement of Glucose Sensing via Copper Nanowire–Biochar Nanocomposites

P24	**Alattin Çakan**, **Elif Akbay,and Nazlı Sude Engin** Eskişehir Technical University/ *Chemical Engineering*	Transition Metal-Functionalized Boron Carbon Nitride Catalysts for Hydrogen Evolution through Borohydride Methanolysis
P25	**Mustafa Yasın Aslan and Deniz Üner** *Uşak University/Chemical Engineering*	Ammonia Synthesis through a Pulse Feeding Strategy Reveals Ammonia Desorption as the Major Bottleneck in the Reaction
P26	**Enes Evren , Nevin Gürbüz and İsmail Özdemir** *İnönü University/ Chemistry*	Investigation of the Catalytic Activity of Thiazole-Derived Substrates
P27	**Nour-Elhouda Balazghema**, **Öznur Doğan Ulu**, **Khaled Sekkoum and İsmail Özdemir** *İnönü University/ Chemistry*	Synthesis, Characterisation of NHC-based Pd-Peppsi Complexes and Investigation of Their Catalytic Activities in Suziki Reaction
P28	**Enes Evren , Belgin Önder, Mitat Akkoç, Nevin Gürbüz, İsmail Özdemir** *İnönü University/ Chemistry*	Silver-N-heterocyclic Carbene Complex Catalyzed A3-coupling Reaction
P29	**Oğuz Gündüz**, **Selva Hasan**, **Şeyma Çalışkan**, **Zafer Çıplak**, **Salih Özbay and Ayten Ateş** *Sivas Cumhuriyet University/Chemical Engineering*	Enhanced Supercapacitor Performance of Polypyrrole-Based Nanocomposites with Biochar and ZIF-8