

TERRALAB POSTER PRESENTATIONS 28/04/2016

TOPIC		TITLE	AUTHOR(S)
Biocatalysts	BC1	POLYANILINE COATING ON MODIFIED CARBON PASTE ELECTRODE TO CONSTRUCT AMPEROMETRIC GLUCOSE BIOSENSOR	<u>A. Ebru AYDIN</u> , Gul OZYILMAZ, Serbay BUCAK, Nureddin ÇOLAK, Ali Tuncay OZYILMAZ
	BC2	THE USE OF CYCLIC ENONES AS ORGANIC MOLECULES TO CONSTRUCT OF AMPEROMETRIC GLUCOSE BIOSENSORS	Gul OZYILMAZ, <u>A. Ebru AYDIN</u> , Serbay Bucak, Seda AGCAM, Ali Tuncay OZYILMAZ
	BC3	IMPROVEMENT OF GLUCOSE BIOSENSOR BY CATALYTIC EFFICIENCY OF ZnFe ₂ O ₄ NANOPARTICLES	<u>Ali Tuncay OZYILMAZ</u> , Esiye İrem BAYRAM and Gul OZYILMAZ
	BC4	GLUCOSE OXİDASE IMMOBILIZATION ON POLY(o-TOLUIDINE) COATED Pt ELECTRODE FOR AMPEROMETRIC BIOSENSOR	<u>Ali Tuncay OZYILMAZ</u> , Esiye İrem BAYRAM and Gul OZYILMAZ
	BC5	Double Catalytic Centers: Potential Therapeutic Applications for the Treatment of Oxidative Stress	<u>Ferhan Tümer</u> , Songül Şahin, Mehmet Tümer, Muhammet Köse
	BC6	RESPONSE SURFACE METHODOLOGY FOR OPTIMIZATION OF CONSTRUCTION OF AMPEROMETRIC GLUCOSE BIOSENSORS	<u>Gul OZYILMAZ</u> , Seda AGCAM and Ali Tuncay OZYILMAZ
	BC7	THE CO-IMMOBILIZED ENZYME SYSTEM FOR LACTOSE SENSITIVE BIOSENSOR	Esra YAĞIZ, <u>Gul OZYILMAZ</u> and Ali Tuncay OZYILMAZ
	BC8	CARBON PASTE ELECTRODE BASED SUCROSE BIOSENSOR	Esra YAĞIZ, <u>Gul OZYILMAZ</u> , and Ali Tuncay OZYILMAZ
	BC9	GLUCONIC ACID PRODUCTION BY co-IMMOBILIZED GLUCOSE OXIDASE-CATALASE ENZYME SYSTEM	<u>Gul OZYILMAZ</u>
	BC10	N,O-type Schiff base ligands and transition metal complexes containing functional groups: Structural Characterization and SOD Activity Studies	<u>İlyas GÖNÜL</u> , Muhammet KÖSE, Selahattin SERİN
	BC11	Catalytic Conversion of Superoxide by Porphyrine Based Metal Complexes	<u>Muhammet Köse</u> , Ferhan Tümer, Mehmet Tümer
	BC12	Porphyrine Based Mn(III) and Fe(III) Complexes as SOD	<u>Mehmet Tümer</u> , Ferhan Tümer, Muhammet

		Mimetics: Substituent Effects on Catalytic Activity	Köse
	BC13	Hydrolysis of microalgae oil <i>Chlorella protothecoides</i> via biocatalysis	<u>Togayhan Kutluk</u> , Nurcan Kapucu
	BC14	Immobilization and characterization of <i>Candida rugosa</i> lipase on magnetic nanoparticles through different spacer arms	Muge SENGUL, <u>Leman BEYKAN</u> , Deniz YILDIRIM, Guzide YUCEBILGIC
Catalysts for coal based chemicals	CBC1	Effect of Calcination Temperature on Production of DMN's over Y Zeolite Catalyst	<u>Aysel Niftaliyeva</u> , Ali Karaduman
	CBC2	Methylation of Naphthalene Oil Fraction of Coal Tar with Methanol on Metal/Bimetal Doped Beta Zeolite Catalysts	Aysun Özen, <u>Fatih Güleç</u> , Aysel Niftaliyeva, Ali Karaduman
	CBC3	MODIFICATION OF ACTIVATED CARBON BASED ADSORBENTS FOR CO ₂ ADSORPTION	<u>Melek Selcen BAŞAR</u> , Burcu SELEN ÇAĞLAYAN, Ahmet Erhan AKSOYLU
Catalysts for sustainable energy and alternative fuels	SEAF1	ENHANCING PHOTOCATALYTIC ACTIVITY OF ZnO NANOROD WITH HEAT TREATMENT	<u>Fatih TEZCAN</u> , Gülfeza KARDAŞ
	SEAF2	Low Platinum Loading Electrode for Formic Acid Fuel Cell Prepared by Ion-Beam Assisted Deposition	<u>M. Selim ÇÖGENLİ</u> , Sanjeev MUKERJEE, Ayşe BAYRAKÇEKEN YURTCAN
	SEAF3	Pt Catalyst Supported on Bi ₂ O ₃ for Direct Formic Acid Fuel Cells	M. Selim ÇÖGENLİ, Ayşe BAYRAKÇEKEN YURTCAN
	SEAF4	CATALYTIC GASIFICATION OF ÇAN LIGNITE	<u>Açelya Seçer Ateş</u> , Arif Hasanoğlu
	SEAF5	Ceria Incorporated Alumina Supported Nickel Catalysts for Steam Reforming Reaction of Diesel Fuel	<u>Arzu Arslan</u> , Arife Derya Deniz Kaynar, Naime Aslı Sezgi, Timur Doğu
	SEAF6	PtCu/C BIMETALLIC CATALYSTS FOR PEM FUEL CELLS	<u>Ayşenur ÖZTÜRK</u> , Elif DAŞ, Gamze BOZKURT, Ayşe BAYRAKÇEKEN YURTCAN
	SEAF7	Effects of Synthesis Route and Calcination Temperature on Structural and Acidic Properties of Mesoporous γ -Al ₂ O ₃	<u>D. Erkal</u> , B. Pekmezci, N. Oktar, G. Doğu, N.A. Sezgi, T. Doğu
	SEAF8	Effect of Marl on the Production of Biodiesel as a Heterogeneous Catalyst	Bakhtiyar NAJAFOV, <u>Niyazi Alper TAPAN</u>
	SEAF9	Hydrogen Production over Mesoporous Carbon	<u>C.Korkusuz</u> , D.Varışlı, T.Doğu

	Supported Iron Nanocatalysts using Microwave Reactor system	
SEAF10	ELECTROCHEMICAL BEHAVIOUR OF HYBRID NANOSTRUCTURED MATERIALS FOR PEM FUEL CELL ELECTROCATALYSTS	<u>Elif DAŞ</u> , Selmiye ALKAN GÜRSEL, Lale IŞIKEL ŞANLI, Ayşe BAYRAKÇEKEN YURTCAN
SEAF11	CARBON BLACK-GRAPHENE HYBRID SUPPORT MATERIALS FOR PEM FUEL CELL ELECTROCATALYSTS	<u>Elif DAŞ</u> , Selmiye ALKAN GÜRSEL, Lale IŞIKEL ŞANLI, Ayşe BAYRAKÇEKEN YURTCAN
SEAF12	INFLUENCE OF TYPE OF CARBON SUPPORT ON THE REFORMING ACTIVITY AND SELECTIVITY OF SUPPORTED Pt CATALYSTS FOR APR OF GLUCOSE	<u>Burçak Kaya Özsel</u> , Bahar Meryemoğlu, Mehtap Kurtuluş, Arif Hasanoğlu, Sibel Irmak
SEAF13	CoRh NANOPARTICLES: SYNTHESIS, CHARACTERIZATION, THEIR USE AS CATALYST IN THE HYDROLYSIS OF HYDRAZINE BORANE	<u>Bayram Abay</u> , Nihat Tunç, Murat Rakap
SEAF14	Ni(II) COMPLEX COVERED ZnO FILM OF PHOTOCATALYSTS FOR EFFICIENT HYDROGEN PRODUCTION	<u>Eylül Büşra HEREYTANI</u> , Fatih TEZCAN, Bilgehan GÜZEL, Gülfeza KARDAŞ, Osman SERİNDAĞ
SEAF15	Pt Catalyst Supported on High Surface Area MCM-41 and its Catalytic Activity for Formic Acid Oxidation	<u>Niyazi ÖZÇELİK</u> , M. Selim ÇÖGENLİ, Ayşe BAYRAKÇEKEN YURTCAN
SEAF16	Development of Co-B/ Sepiolite Catalysts for Hydrogen Generation by Hydrolysis of Sodium Borohydride	<u>Seda EROL</u> , Mine ÖZDEMİR
SEAF17	Oxygen reduction and oxygen evolution reaction performances of PtNi/CuO catalyst for lithium-air batteries	<u>Gamze BOZKURT</u> , Tansel ŞENER, Dino TONTI, A. Kadir ÖZER, Ayşe BAYRAKÇEKEN YURTCAN
SEAF18	Preparation of Ni Catalyst on Co ₃ O ₄ Support Material for H ₂ Production	<u>Gamze BOZKURT</u> , Ayşe BAYRAKÇEKEN YURTCAN, A. Kadir ÖZER
SEAF19	Syntheses and Characterization of Ni Containing Silica Microspheres	<u>Gamze Gunduz Meric</u> , Levent Degirmenci
SEAF20	NEW DYE-SENSITIZED Cu(I) COMPLEX PHOTOCATALYSTS BEHAVIOUR ON PHOTOELECTROLYSIS	<u>Gurbet YERLİKAYA</u> , Fatih TEZCAN, Gülfeza KARDAŞ, Osman SERİNDAĞ

	SEAF21	THE CONVERSION OF CELLULOSE TO 5-HYDROXYMETHYL FURFURAL (HMF) WITH ZEOLITE CATALYSTS	<u>Esra Sezgin</u> , Merve Esen, Solmaz Akmaz, Serkan Naci Koç, M. Ali Gürkaynak
	SEAF22	Oxidative Steam Reforming of Biogas by over NiCe/MgAl Hydrotalcite-like catalysts	<u>Merve Doğan</u> , Orhan Özcan, Murat Efgan Kibar, Ayşe Nilgün Akın
	SEAF23	Microwave Assisted CO _x -free Hydrogen Production over Mesoporous Carbon Supported Molybdenum Nanocatalysts	<u>Melih GÜLER</u> , Dilek VARIŞLI, Timur DOĞU
	SEAF24	HYDROGEN GENERATION FROM AMMONIA BORANE HYDROLYSIS CATALYZED BY CoPd NANOPARTICLES	<u>Nihat Tunç</u> , Bayram Abay, Murat Rakap
	SEAF25	EFFECT OF REACTION TEMPERATURE ON COKE FORMATION IN DRY REFORMING OF METHANE	<u>Hüseyin Arbağ</u> , Sena Yaşyerli, Nail Yaşyerli, Gülşen Doğu, Timur Doğu
	SEAF26	THE ROLE OF PRECIOUS METALS ON ADSORPTION/DESORPTION KINETICS OF OXYGEN OVER REDUCIBLE OXIDES	Deniz Kaya, Dheerendra Singh, <u>Deniz Üner</u>
	SEAF27	MODELING OF DATABASE CONSTRUCTED FROM PUBLISHED ARTICLES FOR WATER SPLITTING OVER PEROVSKITES	<u>Elif Can</u> , Ramazan Yıldırım,
	SEAF28	MORPHOLOGY OF PT-CU NANOPARTICLES BY USING GENETIC ALGORITHM AND DENSITY FUNCTIONAL THEORY	<u>Ezgi ERDEM</u> , Rıza KIZILEL, Can ERKEY
Catalytic Conversion of renewable resources	CRS1	TEMPERATURE EFFECT ON THE CARBON DIOXIDE SORPTION CAPACITY OF NATURAL MAGNESITE DERIVED SORBENT	<u>Dilsad Dolunay Eslek Koyuncu</u> , Sena Yasyerli, Nail Yasyerli
	CRS2	PREPARATION SUPPORTED PT AND RU CATALYASTS AND THEIR PERFORMANCES IN AVPR PROCESS	<u>Bahar Meryemoglu</u> , Mehtap Kurtulus, Arif Hasanoglu, Sibel Irmak
	CRS3	Investigation of Metal Loading Ratio Effect on Characteristics of Co/Al ₂ O ₃ Catalysts and Utilization in Catalytic Pyrolysis	Nurgül ÖZBAY, <u>Pınar BAŞ</u> , Adife Şeyda YARGIÇ
	CRS4	AN EFFICIENT HETEROGENEOUS CR-ZEOLITE CATALYST	<u>Merve Esen</u> , Esra Sezgin, Solmaz Akmaz,

		FOR GLUCOSE TO 5-HYDROXYMETHYLFURFURAL CONVERSION	Serkan Naci Koç, M. Ali Gürkaynak
	CRS5	N-HETEROCYCLIC CARBENE-BASED NICKEL(II) COMPLEXES IN KUMADA COUPLING	<u>Deniz DEMİR ATLI</u> , Şebnem E. SÖZERLİ
	CRS6	Sorption Enhanced Steam Reforming of Ethanol Over Ni Impregnated SBA-15 Catalyst	<u>Merve Sarıyer</u> , Arzu Arslan, Naime Aslı Sezgi, Timur Doğu
	CRS7	ESTERIFICATION OF GLYCEROL WITH OLEIC ACID OVER Ti CONTAINING SULFATED SBA-15 CATALYSTS	Gamze AY, <u>Giray MUTLU</u> , Emre KILIÇ, Hasan ÖRTÜN, Selahattin YILMAZ
	CRS8	Synthesis and Characterization of Perovskite Catalyst and Its Catalytic Activity in Pyrolysis	Nurgül ÖZBAY, <u>Rahmiye Zerrin YARBAY ŞAHİN</u>
	CRS9	EPOXIDATION OF METHYL OLEATE OVER SO ₄ /TiO ₂ -SiO ₂ AND WO ₃ -ZrO ₂ CATALYSTS	Vahide Nuran Mutlu, <u>Canan TAŞ</u> , Selahattin YILMAZa
	CRS10	THE EFFECT OF PEROXIDE ON BIOMASS HYDROLYSIS AND CATALYTIC GASIFICATION OF HYDROLYSATES	<u>Mehtap Kurtulus</u> , Bahar Meryemoglu, Arif Hasanoglu, Sibel Irmak
Catalytic membranes and nanostructured catalysts	MNC1	Palladium(0) Nanoparticles Supported on Amine-Functionalized Silica for the Catalytic Hexavalent Chromium Reduction	Metin Celebi, Mehmet Yurderi, <u>Ahmet Bulut</u> , Murat Kaya, Mehmet Zahmakiran
	MNC2	PALLADIUM NANOPARTICLES(Pd NPs) AS EFFICIENT CATALYSTS FOR SUZUKI-MIYAURA REACTION IN MILD CONDITIONS	<u>Burcu DARENDELİ</u> , Fatma Ulusal, Bilgehan GÜZEL
	MNC3	Investigation of Isobutane Dehydrogenation in a Pd-membrane Reactor	Saliha Çetinyokuş Kılıçarslan, <u>Meltem Doğan</u> , Timur Doğu
	MNC4	PREPARATION OF NOVEL VIC-DIOXIME-Pd(II) COMPLEX FOR SUZUKI-MIYAURA REACTIONS	<u>Özge Atış</u> , Fatma Ulusal, Bilgehan Güzel
	MNC5	POTENTIAL APPLICATIONS OF SOLID SUPPORT CATALYTIC MEDICAL MOLECULAR	<u>Ümit YAŞAR</u> , Fatma ULUSAL, Bilgehan GÜZEL, Pınar Yılgör HURİ, Nurten DİKMEN
	MNC6	AMMONIA SYNTHESIS REACTION ON Ru NANOPARTICLES	<u>M.Y.Aslan</u> , S. Akbayrak, S. Özkar, D. Üner
	MNC7	ARTIFICIAL HUMAN BLOOD AND ANTIOXIDANT ENZYME CATALYSIS: GLUTATHIONE PEROXIDASE,	Ümit YAŞAR, Fatma ULUSAL, Bilgehan GÜZEL, Pınar Yılgör HURİ, Nurten DİKMEN

	CATALASE	
MNC8	Ruthenium Nanoparticles Stabilized Hidrotalcite Catalyst for the Methanolysis of Ammonia-Borane under Mild Conditions	<u>Yaşar Karataş</u> , Ahmet Bulut, Mehmet Yurderi, Mehmet Gülcan, Mehmet Zahmakıran
MNC9	EFFECT OF CRYSTAL STRUCTURE ON THE CATALYTIC ACTIVITY FOR SUZUKI-MIYAUURA COUPLING REACTION	<u>Fatma Ulusal</u> , Burcu Darendeli, Özge Atış, Mustafa Kemal Yılmaz, Bilgehan Güzel
MNC10	Sulfonic Acid Functionalized MIL-101 Metal Organic Framework Confined Palladium(0) Nanoparticles Catalyst for the Methanolysis of Ammonia-Borane under Mild Conditions	<u>Nurdan Caner</u> , Ahmet Bulut, Mehmet Yurderi, Mehmet Zahmakıran
MNC11	IMMOBILIZATION OF GLUTAMATE DEHYDROGENASE ONTO AMINATED CARBON NANOTUBE AND INVESTIGATION OF CATALYTIC ACTIVITY	<u>Yusuf Doğuş</u> , Gülüzar Özbolat, Hasan Ulusal, Nevin Yılmaz, Abdullah Tuli
MNC12	IMMOBILIZATION OF XANTHINE OXIDASE ONTO AMINATED CARBON NANOTUBE AND INVESTIGATION OF CATALYTIC ACTIVITY AND STABILIZATION	<u>Yusuf Doğuş</u> , Gülüzar Özbolat, Hasan Ulusal, Nevin Yılmaz, Abdullah Tuli
MNC13	THE INVESTIGATION OF DIMETHYLGLOXIME LIGAND WHICH CAN BE USED FOR ACCUMULATION OF IRON IN THE BODY ON GLUTATHIONE PEROXIDASE ENZYME	<u>Gülüzar Özbolat</u> , Hasan Ulusal, Yusuf Doğuş, Abdullah Tuli
MNC14	THE INVESTIGATION OF DIMETHYLGLOXIME LIGAND WHICH CAN BE USED FOR ACCUMULATION OF IRON IN THE BODY ON XANTHINE OXIDASE ENZYME	<u>Gülüzar Özbolat</u> , Hasan Ulusal, Yusuf Doğuş, Abdullah Tuli
MNC15	PREPARATION AND APPLICATION OF $AlK(SO_4)_2 \cdot 12H_2O$ LOADED CHITOSAN/ POLYVINYLPIRROLIDONE CATALYTIC MEMBRANE	Derya Unlu, <u>Aynur Hacıoğlu</u> , Nilufer Hilmioglu
MNC16	PHOSPHOTUNGSTIC ACID LOADED CELLULOSE MEMBRANE PREPARATION FOR CATALYTIC MEMBRANE REACTOR	Filiz Ugur Nigiz, Nilufer Durmaz Hilmioglu

	MNC17	PALLADIUM(II)-SCHIFF BASE COMPLEX SUPPORTED ON MWCNT FOR USING AS CATALYST IN THE SUZUKI-MIYaura REACTION	Ayşen Berna Tekin, <u>Bilgehan Güzel</u>
	MNC18	Metal Organic Framework (MIL-101) Stabilized Ruthenium(0) Nanoparticles: Highly Efficient Catalytic Material for the Selective Hydrogenation of Phenol to Cyclohexanone	<u>Ilknur Efecan Ertas</u> , Mehmet Gulcan, Ahmet Bulut, Mehmet Yurderi, Mehmet Zahmakıran
	MNC19	Trimetallic PdAuNi Alloy Nanoparticles Supported on Amine Functionalized Reduced Graphene Oxide for the Dehydrogenation of Formic Acid Under Mild Conditions	<u>Mehmet Yurderi</u> , Metin Çelebi, Ahmet Bulut, Mehmet Zahmakıran
Catalytic methods for air water pollution control	AWPC1	Synthesis and insitu catalytic application of 7-BER-NHC ligands on Suzuki reaction	<u>Sedat YAŞAR</u> , Emine Özge KARACA, Nevin GÜRBÜZ, İsmail ÖZDEMİR
	AWPC2	Improvement of Sulfur Regeneration Ability of NSR Catalysts via Reducible Mixed Oxide Promoters	<u>Z. Aybegum Samast</u> , Emrah Ozensoy
	AWPC3	Selective CO ₂ adsorption studies on NaOH impregnated AC Adsorbents	<u>B. M. Eropak</u> , B. S. Çağlayan, A. E. Aksoylu
	AWPC4	Spectroscopic Investigation of NO _x Storage and Reduction Pathways on Pt/K ₂ O/ZrO ₂ /TiO ₂ /Al ₂ O ₃ as NSR/LNT Catalysts	<u>Merve Tohumeken</u> , Zafer Say, Emrah Ozensoy
	AWPC5	Removing of Synthetic Dyes from Aqueous Solutions By Using Photocatalysis and Adsorption Methods	Ali Kara, <u>A.Çiğdem Karaerkek</u>

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Electrochemical and photochemical catalysts	EPC1	ANODIC BEHAVIOR OF CARBON SUPPORTED Ni-Co, Ni AND Co ELECTROCATALYST IN DIRECT BOROHYDRIDE FUEL CELL	<u>Alpay ŞAHİN</u> , İrfan AR,
	EPC2	THE POLYANILINE FILMS on ZnNi PLATED COPPER ELECTRODE	<u>Nureddin Colak</u> , A.Tuncay Ozyilmaz, Ibrahim Filazi
	EPC3	Mn3O4 BASED ELECTROCATALYST SYNTHESIS FOR VANADIUM REDOX FLOW BATTERIES	<u>Büşranur DUMAN</u> , Berker FIÇICILAR
	EPC4	Synthesis, Characterization and Photocatalytic Performance of Ag\ZnO in the Photodegradation of Methylene Blue under UV Irradiation	<u>Kadir KARAKAŞ</u> , Metin ÇELEBİ, Mehmet ZAHMAKIRAN
	EPC5	SYNTHESIS OF CNT-TiO2-SiO2 NANOCOMPOSITE THIN FILMS: THE EFFECT OF HEAT TREATMENT ON PHOTOCATALYTIC ACTIVITY	<u>Tuğçe Kirbaş</u> , Gürkan Karakaş
	EPC6	Determination of Reaction Kinetics for Electrochemical Oxidation of Tetracycline Antibiotic using Boron-Doped Diamond Anode	<u>Bahadır K. KÖRBAHTİ</u> , Selin ALACA
	EPC7	THE ELECTROCATALYTIC BEHAVIOR OF COPOLYMER FILMS ON Zn DEPOSITED CARBON STEEL ELECTRODE	<u>A.Tuncay Ozyilmaz</u> , Gul Ozyilmaz, İ.Hakkı Karahan
	EPC8	ELECTROCATALYTIC CONDUCTING POLYMER FILMS ON Zn DEPOSITED CARBON STEEL ELECTRODE	<u>A.Tuncay Ozyilmaz</u> , Gul Ozyilmaz, İ.Hakkı Karahan
	EPC9	COBALT-BASED COORDINATION COMPOUNDS FOR ELECTROCATALYTIC WATER OXIDATION	<u>Emine Ülker</u> , Aysun Tekin , Satya Vijaya Kumar Nune, Ferdi Karadaş
	EPC10	DETERMINATION OF OPTIMUM Cu-CeO2 ANODE COMPOSITION FOR DIRECT METHANE SOLID OXIDE FUEL CELL	<u>Vedat Sarıboğa</u> , M.A. Faruk Öksüzömer
	EPC11	Characterization of PAni-Fe Electrocatalyst Loaded on Multi-walled Carbon Nanotube Support	<u>Göknur Dönmez</u> , Merve Deniz, Hüseyin Deligöz,
	EPC12	Benzene Oxidation as an Alternative Method for	M.M. Oymak, T. Tabari D. Uner

		Assessing Photocatalytic Activity	
Environmentally friendly catalytic processes	EFCP1	Pd-PEPPSI-Type N-Heterocyclic Carbene Complexes: Synthesis, Characterization and Catalytic Activity in The Direct Arylation Reactions	<u>Murat Kalođlu</u> , İsmail Özdemir, Henri Doucet, Christian Bruneau
	EFCP2	SYNTHESIS STUDIES OF THE PROMISING CATALIST; MIL-101	Emine EKİNCİ
	EFCP3	Synthesis of Chiral Catalysts and Their Catalytic Activities in ScCO ₂	<u>Aysen DEMİR</u> , Burcu DARENDELİ, Bilgehan GÜZEL
	EFCP4	GREEN DEHYDROGENATION OF DIMETHYLAMINE-BORANE CATALYZED BY PVP, Al ₂ O ₃ AND PS-co-MA STABILIZED Ru NPs	<u>BERİVAN BUKAN</u> , Sibel DUMAN
	EFCP5	Catalytic applications and synthesis of Pd-PEPPSI N-Heterocyclic Carbene Complexes	<u>Nazan Kalođlu</u> , İsmail Özdemir, Henri Doucet, Christian Bruneau
	EFCP6	Synthesis of poly(cyclooctene) derivatives bearing imidazole end group by ROMP Reactions	<u>Gülşah ÇALIŞGAN</u> , Bengi Özgün ÖZTÜRK, Solmaz KARABULUT ŞEHİTOĞLU
	EFCP7	Direct Arylation with Palladium-NHC Complexes	<u>Emine Özge KARACA</u> , Nevin GÜRBÜZ, Sedat YAŞAR, İsmail ÖZDEMİR
	EFCP8	Magnetic Nanoparticle Supported Latent Ruthenium Metathesis Catalysts for Olefin Metathesis Reactions	<u>Bengi Özgün ÖZTÜRK</u> , Solmaz KARABULUT ŞEHİTOĞLU
	EFCP9	Modification of Functional Polyesters by Metathesis Reactions in the Presence of Hoveyda-Grubbs Type Catalysts	<u>Didem OKUR</u> , Bengi Özgün ÖZTÜRK, Solmaz KARABULUT ŞEHİTOĞLU
	EFCP10	Synthesis of Fe ₃ O ₄ @SiO ₂ @RN(CH ₂ PPh ₂) ₂ PdCl ₂ Type Nanocomposite Catalysts for Vitamin K ₃ Synthesis	Serhan Uruş
	EFCP11	Modification of Poly(norbornenediester) Derivatives with Primary and Secondary Amine Groups	<u>Elif Ak</u> , Elif Yakut, Bengi Özgün ÖZTÜRK, Solmaz KARABULUT ŞEHİTOĞLU
	EFCP12	Reusability of nano-12-tungstophosphoric acid cesium salt in alkylation of benzene with dec-1-ene reaction	<u>Elif AKBAY</u> , Gülberk DEMİR
	EFCP13	Alumina Supported Mn-Ce Sorbents for High Temperature Desulfurization of Hydrogen Rich Gas	<u>Melike Kucuker</u> , Sena Yasyerli, A. Derya Deniz Kaynar

		Mixtures	
	EFCP14	Catalytic Wet Peroxide Oxidation of Bisphenol A in Water	Fatma TOMUL
	EFCP15	Graphene Supported Aminomethylphosphine-Pd(II) and Pt(II) Complexes: Highly Efficient Catalysts on Vitamin K3 Synthesis	<u>Serhan Uruş</u> , Mahmut Çaylar, İbrahim Karteri
	EFCP16	N-Alkylation Reaction with Functionalized Ionic Liquids	<u>Nevin GÜRBÜZ</u> , Emine Özge KARACA, Sedat YAŞAR, İsmail ÖZDEMİR
	EFCP17	The Coupling Reaction With Aryl Grignard Reagents in the Presence of Iron/NHC Catalyst	<u>İsmail Özdemir</u> , Serpil Demir Düşünceli, Nevin Gürbüz
	EFCP18	Palladium-NHC Complex Catalyzed Cross Coupling Reactions	<u>Serpil Demir Düşünceli</u> , Rukiye Zengin Yaman, İsmail Özdemir
	EFCP19	PHOTOCATALYTIC WATER SPLITTING OVER Au/SrTiO3 CATALYST	Ramazan Yıldırım, <u>Dilara Saadetnejad</u>
	EFCP20	IN SITU GENERATION COPPER(0) NPs AND CONCOMITANT GREEN DEHYDROGENATION OF DIMETHYLAMINE-BORANE	Sibel DUMAN
	EFCP21	Synthesis of Palladium(II) Schiff Base Complex And it's Catalytic Activities C-C Coupling Reactions	<u>Sinan SEVEN</u> , Figen KOÇAK, Bilgehan GÜZEL
Hydrogenation catalysts	HYD1	HYDROBENZOIN TYPE LIGANDS FOR ASYMMETRIC CATALYSIS	Seda KILIÇARSLAN, Halil Zeki GÖK, İlker Ümit KARAYİĞİT, <u>Yaşar GÖK</u>
	HYD2	THE SYNTHESIS OF MAGNETIC NANOPARTICLES SUPPORTED AZOMETHINE-OXIME-PD COMPLEX AND ITS CATALYTIC ACTIVITY	<u>Eylül Büşra Hereytani</u> , Fatma Ulusal, Bilgehan Güzel
	HYD3	N-Substitutedbenzimidazole-Ruthenium(II) Complexes and Their Catalytic Activity	<u>Kenan Buldurun</u> , Nevin Gürbüz, İsmail Özdemir
	HYD4	Determination of Radiation Absorption Properties of Gamma Irradiated Polyoxovanadate Based Catalysts	<u>A.Çiğdem Karaerkek</u> , Faruk Demir, Ali Kara

	HYD5	EFFECTS OF THE PREPARATION METHOD AND CALCINATION TEMPERATURE ON THE CHARACTERISTIC PROPERTIES OF NiO-Fe ₂ O ₃ -SiO ₂ CATALYSTS	Filiz BALIKÇI DEREKAYA
	HYD6	MODULAR LIGANDS ALLOWING TUNABLE STERIC AND ELECTRONIC EFFECTS FOR TRANSITION METAL CATALYSIS	Yaşar GÖK, Seda KILIÇARSLAN, Halil Zeki GÖK, İlker Ümit KARAYİĞİT
New catalytic approaches to oil refining and petrochemistry	ORP1	Synthesis of Tungstophosphoric Acid Incorporated Mesoporous Alumina Catalysts for Methanol Dehydration in DME Synthesis	<u>M. İlker Şener</u> , Naime Aslı Sezgi, Timur Doğu, Gülşen Doğu, Nuray Otkar
	ORP2	Production of 2,6-Dimethylnaphthalene with Methylation of Naphthalene over Au/Mordenite Zeolite Catalysts	Eda Karayılan, <u>Aysun Özen</u> , Fatih Güleç, Ali Karaduman
Oxidation catalysts	OXC1	Cobalt-based Coordination Compounds as Heterogeneous Water Oxidation Catalysts	Ferdi Karadaş
	OXC2	CHARACTERIZATION OF Ni/ZrTiO ₄ CATALYST FOR THE PARTIAL OXIDATION of METHANE	<u>Burcu Aygün</u> , Hasan Özdemir, M.A. Faruk Öksüzömer, Serkan Naci Koç
	OXC3	Characterization and Catalytic Performance of Mn _x O _y -Na ₂ WO ₄ /SiO ₂ for the Oxidative Coupling of Methane	<u>Mahmut Yıldız</u> , Reinhard Schomaecker
	OXC4	The Effect of Metal Adding Sequence and Synthesis Media on the Properties of SnSBA-15 Catalysts at Low Metal Ratio	<u>Filiz AKTI</u> , Suna BALCI, Timur DOĞU
	OXC5	Effect of Ti-Ce Content on the Catalytic Activity of Alumina Supported Catalysts in Selective Oxidation of H ₂ S	<u>H.Mehmet Tasdemir</u> , Yavuz Yagizatli, Sena Yasyerli, Nail Yasyerli, Gulsen Dogu
	OXC6	INVESTIGATION AND CHARACTERIZATION OF Ni/MgO CATALYST PREPARED BY ELECTROSPINNING TECHNIQUE FOR THE PARTIAL OXIDATION AND DRY REFORMING OF METHANE	<u>Burcu Aygün</u> , Hasan Özdemir, M.A. Faruk Öksüzömer, M. Ali Gürkaynak
	OXC7	THE CATALYTIC ACTIVITY OF AZO CONTAINING SCHIFF BASE COMPLEXES	<u>Mesut İKİZ</u> , Esin İSPİR

OXC8	TRANSITION METAL COMPLEXES OF NOVEL CHROMONE SCHIFF BASES: SYNTHESIS, CHARACTERIZATION AND CATECHOLASE-LIKE ACTIVITY	<u>Cahit Demetgöl</u> , Neslihan Beyazıt
OXC9	Hydrothermal Synthesis and Characterization of Heterogeneous Catalysts for the Oxidation of the Thymol To Thymoquinone	<u>Burak AY</u> , Emel YILDIZ
OXC10	SUITABLE CATALYST OBTAINING FOR ALKANE OXIDATION AND ALKENE EPOXIDATION REACTIONS	Mehmet TÜMER, Muhammet KÖSE, <u>Ferhan TÜMER</u>
OXC11	POLYMER SOLID SUPPORT CATALYSTS FOR ALKANE OXIDATION	<u>Mehmet TÜMER</u> , Muhammet KÖSE, Ferhan TÜMER
OXC12	CATALYST DESIGN FOR ALKENE EPOXIDATION	Mehmet TÜMER, <u>Muhammet KÖSE</u> , Ferhan TÜMER
OXC13	New Ferrocene Based Schiff Bases Metal Complexes: Synthesis and Investigation of Catalytic Activities	Gökhan CEYHAN
OXC14	Oxidation of alkanes with hydrogen peroxide catalyzed by ferrocene	Gökhan CEYHAN
OXC15	Transition Metal Complexes of Ligand in a Liquid Crystal Properties: Investigation of the Catalytic Activity	<u>Gökhan Ceyhan</u> , Savaş Purtaş
OXC16	Novel Gallic Esters: Its Synthesis, Structural Characterization, Photoluminescence, Electrochemical Properties And Alkene Epoxidation	<u>Gökhan Ceyhan</u> , Savaş Purtaş
OXC17	Catalytic activity of Schiff Base Mn(III)/Co(III) complexes on bleach catalyst	<u>Büşra GENÇOĞLU</u> , Pınar Şen, Salih Zeki Yıldız
OXC18	Catalytic Oxidation of Nitrogen Containing Compounds for Nitrogen Determination	<u>Alper SEVİNÇ</u> , Gürkan KARAKAŞ, İ. Bülent ATAMER
OXC19	Catalytic Properties of ONO Type Salicylaldehyde Copper(II) Complexes	Gökhan Ceyhan, Münire Sarıgül, Muhammet Köse, and <u>Mukerrem Kurtoglu</u>
OXC20	Copper Complexes with Bidentate NO Ligands as Novel Catalysts for the Homogeneous Partial Oxidation of Alkanes	Gökhan Ceyhan, Sevgi Kahraman, Muhammet Köse, and <u>Mukerrem Kurtoglu</u>

	OXC21	The comparison of catalytic activity of non-ionic and ionic Mn(III)/Co(II) Phthalocyanine complexes on bleach systems	<u>Pınar ŞEN</u> , Salih Zeki YILDIZ
	OXC22	THE CATALYTIC ACTIVITY OF NOVEL, AZO-CONTAINING SCHIFF BASES AND THEIR METAL COMPLEXES	<u>Ayşe İNAN</u> , Mesut İKİZ, Esin İSPİR
	OXC23	Investigation of Oxidation Reaction Pathways of Oxygenates on Au(111) Single Crystal Depending on the Behaviour of Oxygen	Mustafa Karatok, Evgeny Vovk, Asad A. Shah, Emrah Ozensoy
	OXC24	Effective Catalysts Derived from Carbazole for Alkene oxidation	Selma Bal
	OXC25	Schiff base transition metal complexes with ceftazidime: Synthesis and Investigation of Alkane Oxidation	<u>Ozge Eren</u> , Harun Muslu, Gökhan Ceyhan, Mehmet Tumer and Aysegul Golcu
	OXC26	Drug metal complexes: Synthesis and Investigation of Alkane Oxidation	<u>Ozge Eren</u> , Derya Kılıcaslan, Gökhan Ceyhan, Mehmet Tumer and Aysegul Golcu
Zeolites and mesoporous catalytic materials	ZMC1	Synthesis and Characterization of MCM-41 Supported Ni Catalysts for Acetic Acid Steam Reforming	<u>Nurbanu Çakıryılmaz</u> , H. Arbağ, N. Oktar, G. Doğu, T. Doğu
	ZMC2	COMPARISON OF FRESH FCC CATALYSTS, E-CAT SAMPLES and FCC ADDITIVES FOR COMPREHENSION OF THE PROCESS	<u>Deniz Onay Atmaca</u> , Melek Bardakçı Türkmen, Burcu Yüzüak, Ayşegül Bayat, Ersen Ertaş
	ZMC3	Hydrogen Adsorption on M ²⁺ -LTL Zeolite Clusters (M = Be, Mg and Ca): A Density Functional Theory Study	Mehmet Ferdi FELLAH
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ZMC7	AMMONIA DECOMPOSITION REACTION OVER ZEOLITE Y SUPPORTED IRON CATALYSTS: EFFECT OF DEALUMINATION	<u>Yeliz DURAK-ÇETİN</u> , Şerife SARIOĞLAN, Alper SARIOĞLAN, Hasancan OKUTAN
ZMC8	Palladium (II) Schiff Base Complexes: Precursor for the Deposition onto the mesoporous SBA-15 in scCO ₂ Media	<u>Asım Eğitmen</u> , Bilgehan Güzel
ZMC9	Synthesis and Characterization of SBA15 Mesoporous Materials Functionalized with Boron Metal	Taner Tuncer, <u>Gizem Akbıyık</u> , Tuğba Candaş, Alime Çıtak
ZMC10	Determination of ΔH° , ΔS° and ΔG° values of B-SBA15 Mesoporous Materials Using Inverse Gas Chromatography Technique	Sercan Koç, <u>Tuğçe Güner</u> , Alime Çıtak
ZMC11	Single Step Synthesis of HPA loaded Al-PILCs	Suna BALCI, M.Candan KARAELYVAZ, Gulce ACIL, Funda TURGUT BASOGLU
ZMC12	Zeolite Catalysis for Bio-oil Upgrading via Esterification	Ayşenur Yeşilyurt, Ayşe Gül Türe, H. Levent Hoşgün