**SANAYİCİ İLE BULUŞMA VE DİPLOMA PROJESİ SERGİSİ 2019 PROJE LİSTESİ**

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| **No** | **Öğretim Üyesi** | **Proje Konusu** | **Öğrenciler** |
| 1 | Dr. Öğr. Üyesi Canan URAZ | Electroless Copper Plating over Polystyrene by using Ionic Liquids | Evrim Sevcan CANPOLAT  Yazgülü HINÇAL |
| 2 | Dr. Öğr. Üyesi Canan URAZ | Modification of Natural Zeolite for Anticorrosive Paint Production | Ecem AYGÜN  Büşra KESKİN |
| 3 | Dr. Öğr. Üyesi Canan URAZ | Evaluation of Asbest Assessments in Asbestos Building Demolition | Berfu ÜNAY  Buket İLKBAHAR |
| 4 | Dr. Öğr. Üyesi Canan URAZ | Risk Analysis at Air Separation Unit | İsmail Alptuğ GÜRBULAK  Ali Can AŞICI  Erbil MUTLU |
| 5 | Dr. Öğr. Üyesi Canan URAZ | Examination of Milk Powder Explosion with Two Different Methods | Nilay ARSLAN |
| 6 | Prof. Dr. Günseli ÖZDEMİR | Characterization of the Organo-Inorgano-Clay Samples Prepared Using Zeta Potential and XRD Measurements | İldem AKIN  Hande ÖZSIR |
| 7 | Doç. Dr. Meral DÜKKANCI | Photocatalytic Activity of Fe3O4/TiO2/FeZSM-5 Catalyst for Degradation of Rhodamine 6G Dye | Cansu ERDEM |
| 8 | Doç. Dr. Sevim YOLCULAR KARAOĞLU | Monitoring Deactivation Processes of Hydrocracker Unit Catalysts of Tüpraş İzmir Refinery | İmgesu ÜNAL |
| 9 | Doç. Dr. Sevim YOLCULAR KARAOĞLU | Base Layer Process Control in Crude Oil Distillation Unit of Tüpraş İzmir Refinery | Ecem KÜTÜK |
| 10 | Prof. Dr. Nalan KABAY | Salinity Gradient Energy Production by RED | Islam Rashad A. SENAN  Melis TÜZÜN  Tuğçe Zeynep KAYA |
| 11 | Doç Dr. Zehra ÖZÇELİK | Exergy Analysis and Determination of Water and Carbon Foot-Print of a Domestic Lignite Coal Fired Thermal Power Plant | Ömer Bİ  Okay Serkan ANGI |
| 12 | Doç Dr. Zehra ÖZÇELİK | Exergy Analysis Tools in a Power Generation Plant of a Petrochemical Complex | Cansu KIZILKAYA  Burak SUYSAL  Hale İŞERİ |
| 13 | Doç Dr. Zehra ÖZÇELİK | Hydrogen Recovery System Design in a Petrochemical Refinery | Nazlı Seray KARAMANDAL |
| 14 | Prof. Dr. Şerife Ş. HELVACI | Synthesis of Hollow Titania Particles by Microemulsion Method | Arda ALTILI |
| 15 | Prof. Dr. Şerife Ş. HELVACI | Silica Synthesis from Rice Husk using Acid Catalysis | Oğuzhan AKGÖL |
| 16 | Prof. Dr. Şerife Ş. HELVACI | Synthesis of Silica Particles using Aqueous Polymeric Solution Templates | Seda Nur BİLGİLİBAŞLAR |
| 17 | Doç. Dr. İdil İPEK | Stabilization of Pickering Emulsions with Surface Modified TiO2 for Enhanced Photocatalytic Degradation of Indigo Carmine Dye | Ayça Gül EREN |
| 18 | Prof. Dr. Oğuz BAYRAKTAR | Selective Isolation of Natural Compounds Using Biopolymeric Nanoprecipitates | Beliz GÜLER  Elif KIZILKAN |

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| 19 | Dr. Öğr. Üyesi Nilay GİZLİ  Ar. Gör. Selay ÇOK | Preparation of Monolithic Silica Aerogels as a Novel Insulation Material | Ecem BİRİTANIR  Mehmet Bora KÖSEOĞLU |
| 20 | Dr. Öğr. Üyesi Nilay GİZLİ  Ar. Gör. Selay ÇOK | Investigation of the Effect of pH on the Final Physical Form of Silica Aerogel | Ayşe Gamze SEVİNÇ  Merve SAĞLAM |
| 21 | Dr. Öğr. Üyesi Nilay GİZLİ  Ar. Gör. Selay ÇOK | Investigation of the Hydrophobicity of Aerogels Produced with Various Produced with Various Sol Precursor by Sol-Gel Process | Berna KISIK  Hülya GİRİT |
| 22 | Dr. Öğr. Üyesi Nilay GİZLİ  Ar. Gör. Selay ÇOK | Preparation and Characterization of Crosslinked Silica Aerogels with Supercritical CO2 Drying | Kemal UZUNOĞLU  Sungur KAYA |
| 23 | Dr. Öğr. Üyesi Nilay GİZLİ | Adsorption Properties of Functionalized Silica Based Materials | Buse DEĞİRMENCİ  Fulya ÇETİNKOÇ |
| 24 | Dr. Öğr. Üyesi Nilay GİZLİ | Preparation and Characterization of Amine-Hybrid Silica Ionogels used as an Adsorbent for CO2 Capture | Zeynep BİLGİN |
| 25 | Dr. Öğr. Üyesi Nilay GİZLİ | Development and Characterization of Pre-Treatment Process to Enhance Dye Affinity Resistance for Metal Surfaces | Melis İLASLAN |
| 26 | Dr. Öğr. Üyesi Nilay GİZLİ | Improving the Thermal Properties of Wood Species by Sol-Gel Coating | Sena BAŞTÜRK |
| 27 | Prof. Dr. Mustafa DEMİRCİOĞLU | Design of Splitter Column C3-C4 | Arda Fırat GÜRÇAY |
| 28 | Prof. Dr. Mustafa DEMİRCİOĞLU | EIS of Cold Rolled Steel Coated with Epoxy Primer | Ezgi DEMİR |
| 29 | Prof. Dr. Mustafa DEMİRCİOĞLU | Wet Grinding Parameters in the Optimization of Nanoscale Calcite Production | Gizem ÖZLER |
| 30 | Prof. Dr. Saadet YAPAR | Extraction of Humic Acid from *Platanus Orientalis* Leaves | Rumeysa ERMİŞ |
| 31 | Prof. Dr. Levent BALLİCE | Catalytic Subcritical Hydrothermal Decomposition of Artichokes for Production of Levulinic Acid | Gülden KORKUT  Ayşegül PEKER ERTUĞRUL |
| 32 | Prof. Dr. Süheyda ATALAY  Doç. Dr. Gülin ERSÖZ  Ar. Gör. Burcu PALAS | Removal of Pharmaceuticals from Aqueous Solutions by Green Treatment Technologies Using Biomimetic Catalysts | Büşra ÇİÇEK  Habibe Ezelsu ÇELİK |
| 33 | Prof. Dr. Süheyda ATALAY  Doç. Dr. Gülin ERSÖZ  Ar. Gör. Gülen TEKIN | Synthesis of Bismuth Oxyhalide-Graphitic Carbon Nitride Heterojunction Catalysts and Their Application for Treatment of Sugar Industry Wastewater | Büşra SAÇAR  Gizem ÖZALP |
| 34 | Doç. Dr. Gülin ERSÖZ  Prof. Dr. Süheyda ATALAY  Ar. Gör. Burcu PALAS | Pharmaceutical Industry Wastewater Treatment by Catalytic Wet Air Oxidation in the presence of Activated Carbon Supported Iron and LaFeO3 Catalysts | Duygu ÇEVİK  Merve BARAÇ |
| 35 | Doç. Dr. Gülin ERSÖZ  Prof. Dr. Süheyda ATALAY  Ar. Gör. Burcu PALAS  Ar. Gör. Gülen TEKIN | Biomass Derived Graphene Oxide Supported Novel Catalysts for Textile Wastewater Treatment by Using Sequential Treatment Methods | Gülşen ÖZBEK  Su UĞURLU |
| 36 | Doç. Dr. Gülin ERSÖZ  Prof. Dr. Süheyda ATALAY  YL öğrencisi Özlem BULCA | Rice Husk Based Activated Carbon Supported Catalysts for Textile Wastewater Treatment by Using Hybrid Process | Begüm AYDIN  Fatma MANAVOĞLU |

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| 38 | Dr. Öğr. Üyesi Tuğba GÜRMEN ÖZÇELİK | Microcapsulation of Coconat Oil as Phase Change Material | Khalet Alhaj QRSSEM  Esra ÇATIK |
| 39 | Dr. Öğr. Üyesi Tuğba GÜRMEN ÖZÇELİK | Liquid Phase Oxidation of Toluene by using H2O2 | Meriç Tutku KARAN  Gözde DEMİRAL |
| 40 | Dr. Öğr. Üyesi Murat SERT | Conversion of Hemicellulose Model Compound Mannose to Valuable Chemicals in the Presence of Homogeneous Acidic Catalyst | Ayşen TAŞKIN  Gizem GÖNÜL |
| 41 | Prof. Dr. Bikem ÖVEZ | Heat Exchanger Network Design for Energy Recovery in Vacuum Distillation Unit | Volkan ÖZKAN |
| 42 | Prof. Dr. Süheyda ATALAY | Catalyst Performance Analysis in Diesel Hydroprocessing | Buket ERBECER |
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