

Assoc. Prof. ADİFE ŞEYDA YARGIÇ

Personal Information

Office Phone: [+90 228 214 1244](tel:+902282141244)

Email: seyda.guler@bilecik.edu.tr

Web: <https://avesis.bilecik.edu.tr/seyda.guler>

International Researcher IDs

ScholarID: 3-0bVKUAAAAJ

ORCID: 0000-0002-8671-5896

Publons / Web Of Science ResearcherID: GDX-4827-2022

ScopusID: 55185528800

Yoksis Researcher ID: 47980

Education Information

Doctorate, Bilecik Seyh Edebali University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr) (Anadolu Üniv. Ortak), Turkey 2011 - 2017

Postgraduate, Anadolu University, Fen Bilimleri Enstitüsü, Proses Ve Reaktör Tasarımı (YI) (Tezli), Turkey 2009 - 2011

Undergraduate, Anadolu University, Mühendislik - Mimarlık Fakültesi, Kimya Mühendisliği Bölümü, Turkey 2003 - 2008

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Karbon köpük üretimi ve karakterizasyonu, Bilecik Seyh Edebali University, FEN BİLİMLERİ ENSTİTÜSÜ, Kimya Mühendisliği (Dr) (Anadolu Üniv. Ortak), 2017

Postgraduate, Heteropoli asit içerikli MCM-41 ve MCM-48 türü katalizörler, Anadolu University, Fen Bilimleri Enstitüsü, Proses Ve Reaktör Tasarımı (YI) (Tezli), 2011

Research Areas

Chemical Engineering and Technology, Environmental Chemistry and Technology, Fuels and Combustion Technology, Process and Reactor Design, Chemical Reaction Engineering, Catalysis and Catalytic Processes, Separation Operations, Material Characterization, Statistical Analysis and Applications

Academic Titles / Tasks

Associate Professor, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Kimya Mühendisliği, 2021 - Continues

Assistant Professor, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Kimya Mühendisliği, 2018 - 2021

Assistant Professor, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Kimya Mühendisliği, 2017 - 2018

Research Assistant, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Kimya Mühendisliği, 2010 - 2017

Academic and Administrative Experience

Bilecik Seyh Edebali University, 2020 - Continues

Courses

KSM407 Kimya Mühendisliği Laboratuvarı I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
KMH5019 İleri Kütle Aktarımı, Postgraduate, 2021 - 2022
KMH7000 Uzmanlık Alan, Postgraduate, 2021 - 2022, 2020 - 2021
KMH5000 Tez Çalışması, Postgraduate, 2021 - 2022, 2020 - 2021
KSM403 Proses Mühendisliği ve Tasarımı I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
KSM409 Bitirme Ödevi, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
KSM408 Kimya Mühendisliği Laboratuvarı II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
KSM408 Kimya Mühendisliği Laboratuvarı II, Undergraduate, 2020 - 2021
KMH5021 İleri Proses Kontrol, Postgraduate, 2020 - 2021
KSM404 Proses Mühendisliği ve Tasarımı II, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
KSM410 Lisans Araştırma Projesi, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019
KMH604 İleri Kütle Aktarımı, Doctorate, 2019 - 2020
KMH501 İleri Proses Kontrol, Postgraduate, 2019 - 2020
KSM323 Yağ Teknolojisine Giriş, Undergraduate, 2018 - 2019
KIM103 Genel Kimya, Undergraduate, 2018 - 2019
KMH523 Su ve Atıksu Teknolojisi, Postgraduate, 2018 - 2019
KSM433 Proses Mühendisliğinde Tasarım, Simülasyon ve Uygulamaları, Undergraduate, 2017 - 2018
BŞÜ100 Ders Dışı Etkinlik, Undergraduate, 2017 - 2018
TOS121 Çevre ve Enerji, Undergraduate, 2017 - 2018

Advising Theses

YARGIÇ A. Ş., Polietilenimin yüklü mezogözenekli silika malzemelerin CO₂ adsorpsiyon performansının araştırılması, Postgraduate, M.ŞENER(Student), 2022
YARGIÇ A. Ş., Biyozift-esaslı karbon köpüklerin özellikleri üzerine sert şablon yöntemi ve kimyasal aktivasyonun etkisinin araştırılması, Postgraduate, Y.DOLAŞ(Student), 2022
Yargıç A. Ş., Özbay N., Döküm malzemelerin performans dayanımını artırmaya yönelik kaplama araştırılması, Postgraduate, B.EREN(Student), 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of CO₂ sequestration performance and statistical analysis of dye removal efficiency of liquefied hornbeam based carbon foams: Effects of biomass/solvent weight ratio, tar contribution, and chemical activation**
Yargıç A. Ş., Gunduz Meric G., Yarbay R. Z., Özbay N.
Materials Today Sustainability, vol.24, 2023 (SCI-Expanded)
- II. **Low temperature synthesis of MCM-48 and its adsorbent capacity for the removal of basic red 29 dye from model solutions**
Güçbilmez Y., Yavuz Y., Çalış İ., YARGIÇ A. Ş., KOPARAL A. S.
Heliyon, vol.9, no.5, 2023 (SCI-Expanded)
- III. **Utilization of factorial design methodology to optimize Pr Red Hegxl dye uptake and prediction of removal efficiency via artificial neural network: comparison of linear vs non-linear sorption**

isotherm and kinetic parameters

YARGIÇ A., YARGIÇ A. Ş., ÖZBAY N.

Biomass Conversion and Biorefinery, vol.13, no.3, pp.1723-1750, 2023 (SCI-Expanded)

- IV. **Hydrothermal vs. dilute acid pre-treatments: comparison of the biomass properties, distribution of pyrolysis products, and bio-oil characteristics**
ÖZBAY N., YAMAN E., YARGIÇ A. Ş., YARBAY R. Z.
Biomass Conversion and Biorefinery, vol.13, no.2, pp.739-753, 2023 (SCI-Expanded)
- V. **Production of Si-doped biomass-derived materials: effect of support type, activation and doping conditions**
ÖZBAY N., YARGIÇ A. Ş., YAMAN E., YARBAY R. Z., Dermenci K. B., Turan S.
Biomass Conversion and Biorefinery, 2023 (SCI-Expanded)
- VI. **Ordered reticulated-structured carbon foams via surfactant-addition into the polymerization medium of bio-based polyols**
YARGIÇ A. Ş.
Chemical Engineering and Processing - Process Intensification, vol.158, 2020 (SCI-Expanded)
- VII. **Investigation of solvent type effect on the structural properties of bio-polyol-based carbon foam**
Biyo-poliol-esaslı karbon köpüğün yapısal özellikleri üzerinde çözücü türü etkisinin incelenmesi
YARGIÇ A. Ş., Zerrin R., Şahin Y., ÖZBAY N.
Journal of the Faculty of Engineering and Architecture of Gazi University, vol.36, no.1, pp.133-145, 2020 (SCI-Expanded)
- VIII. **Valorization of banana peel waste via in-situ catalytic pyrolysis using Al-Modified SBA-15**
ÖZBAY N., YARGIÇ A. Ş., YARBAY R. Z., YAMAN E.
Renewable Energy, vol.140, pp.633-646, 2019 (SCI-Expanded)
- IX. **Effect of chemical activation on the cellular structure of biopitch-derived green carbon foam**
YARGIÇ A. Ş., ÖZBAY N.
Diamond and Related Materials, vol.96, pp.58-66, 2019 (SCI-Expanded)
- X. **Carbon foam production from bio-based polyols of liquefied spruce tree sawdust: Effects of biomass/solvent mass ratio and pyrolytic oil addition**
ÖZBAY N., YARGIÇ A. Ş.
Journal of Applied Polymer Science, vol.136, no.11, 2019 (SCI-Expanded)
- XI. **Catalytic upgrading of pyrolysis vapours: Effect of catalyst support and metal type on phenolic content of bio-oil**
YAMAN E., YARGIÇ A. Ş., ÖZBAY N., Uzun B. B., Kalogiannis K. G., Stefanidis S. D., Pachatouridou E. P., Iliopoulou E. F., Lappas A. A.
Journal of Cleaner Production, vol.185, pp.52-61, 2018 (SCI-Expanded)
- XII. **Tailoring Cu/Al₂O₃ catalysts for the catalytic pyrolysis of tomato waste**
ÖZBAY N., YARGIÇ A. Ş., YARBAY R. Z.
Journal of the Energy Institute, vol.91, no.3, pp.424-433, 2018 (SCI-Expanded)
- XIII. **Statistical analysis of Cu(II) and Co(II) sorption by apple pulp carbon using factorial design approach**
ÖZBAY N., YARGIÇ A. Ş.
Journal of Industrial and Engineering Chemistry, vol.57, pp.275-283, 2018 (SCI-Expanded)
- XIV. **Production and characterization of chars from cherry pulp via pyrolysis**
PEHLİVAN E., ÖZBAY N., YARGIÇ A. Ş., YARBAY R. Z.
Journal of Environmental Management, vol.203, pp.1017-1025, 2017 (SCI-Expanded)
- XV. **Factorial experimental design for Remazol Yellow dye sorption using apple pulp/apple pulp carbon-titanium dioxide co-sorbent**
ÖZBAY N., YARGIÇ A. Ş.
Journal of Cleaner Production, vol.100, pp.333-343, 2015 (SCI-Expanded)
- XVI. **Assessment of toxic copper(II) biosorption from aqueous solution by chemically-treated tomato waste**

- YARGIÇ A. Ş., YARBAY R. Z., ÖZBAY N., Önal E.
Journal of Cleaner Production, vol.88, pp.152-159, 2015 (SCI-Expanded)
- XVII. **Full factorial experimental design analysis of reactive dye removal by carbon adsorption**
ÖZBAY N., YARGIÇ A. Ş., YARBAY R. Z., Önal E.
Journal of Chemistry, 2013 (SCI-Expanded)
- XVIII. **A comparative characterization of the HPA-MCM-48 type catalysts produced by the direct hydrothermal and room temperature synthesis methods**
Gucbilmez Y., YARGIÇ A. Ş., Calis I.
Journal of Nanomaterials, vol.2012, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Kereste Fabrikası Atığından Açık-Hücreli Karbon Köpük Üretimi ve Karakterizasyonu**
YARGIÇ A. Ş., GÜNDÜZ MERİÇ G., DOLAŞ Y., ÖZBAY N.
Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, vol.8, no.2, pp.1044-1056, 2021 (Peer-Reviewed Journal)
- II. **Sıcak-Dövme Döküm Malzemelerin Performans Özelliklerini İyileştirmeye Yönelik Kaplama Koşullarının Karşılaştırılması**
YARGIÇ A. Ş., EREN B., ÖZBAY N.
Avrupa Bilim ve Teknoloji Dergisi, no.21, pp.506-517, 2021 (Peer-Reviewed Journal)
- III. **Experimental Study of Thermal Pyrolysis of Avocado Seed for Liquid Fuel Production**
YARBAY ŞAHİN R. Z., ÖRENAY O., DOLAŞ Y., YARGIÇ A. Ş., ÖZBAY N.
Uluslararası tarım araştırmalarında yenilikçi yaklaşımlar dergisi (Online), vol.4, no.4, pp.447-452, 2020 (Peer-Reviewed Journal)
- IV. **Kavak Ağacı Kabuğu Esaslı Sorbentlerin 25 Tam Faktöriyel Deney Tasarımı Kullanılarak Boyarmadde Gideriminde Değerlendirilmesi ve %Giderim Etkinliğinin İstatistiksel Analizi**
YARGIÇ A. Ş.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.23, no.4, pp.941-954, 2020 (ESCI)
- V. **Altering the characteristics of carbon foams synthesized by biomass liquefaction with bio-oil addition: influence of the surfactant ratio**
YARGIÇ A. Ş., ÖZBAY N.
Euro-Mediterranean Journal for Environmental Integration, vol.5, no.3, 2020 (ESCI)
- VI. **Comparison of Surface and Structural Properties of Carbonaceous Materials Prepared by Chemical Activation of Tomato Paste Waste: The Effects of Activator Type and Impregnation Ratio**
ÖZBAY N., YARGIÇ A. Ş.
Journal of Applied Chemistry, vol.2016, no.2016, pp.1-10, 2016 (Peer-Reviewed Journal)
- VII. **Fenton and Photo-Fenton Degradation of Reaktoset Brilliant Orange/P-2R and Telon Turquoise/M-GGL Dyes: Effect of Operating Parameters and Kinetic Study**
YARGIÇ A. Ş., ÖZBAY N.
International Journal of Advanced Research in Chemical Science, vol.3, no.2, pp.38-45, 2016 (Peer-Reviewed Journal)
- VIII. **Removal of phenol from aqueous solution using sugar beet pulp activated carbon**
YARBAY R. Z., YARGIÇ A. Ş., ÖZBAY N., Önal E.
Chemical Engineering Transactions, vol.42, pp.169-174, 2014 (Scopus)
- IX. **Removal of Phenol From Aqueous Solution Using Sugar Beet Pulp Activated Carbon**
YARBAY ŞAHİN R. Z., YARGIÇ A. Ş., ÖZBAY N., PEHLİVAN E.
Chemical Engineering Transactions, vol.42, no.42, pp.169-174, 2014 (Scopus)
- X. **Use Of Fenton Reagent In The Degradation of Reactive Turquoise In Aqueous Medium**
PEHLİVAN E., YARGIÇ A. Ş., ÖZBAY N., YARBAY ŞAHİN R. Z., Kara Y.
Journal of Selcuk University Natural and Applied Science, pp.838-848, 2014 (Peer-Reviewed Journal)
- XI. **The Effect of Different Operating Conditions on Removal of Reactive Dye by Green Carbon**

Adsorption

YARGIÇ A. Ş., YARBAY ŞAHİN R. Z., ÖZBAY N., ÖNAL E.

Journal of Selcuk University Natural and Applied Science, pp.498-510, 2013 (Peer-Reviewed Journal)

XII. **Biosorption of zinc II from aqueous solution by impregnated with hydrochloric acid sunflower pulp**

ÖNAL E., YARBAY ŞAHİN R. Z., YARGIÇ A. Ş., ÖZBAY N., GÖK Ö.

Journal of Selcuk University Natural and Applied Science, pp.606-64, 2013 (Peer-Reviewed Journal)

XIII. **Removal of Co II by adsorption using activated carbon prepared from tomato waste Effect of carbonization temperature**

YARBAY ŞAHİN R. Z., YARGIÇ A. Ş., ÖNAL E., ÖZBAY N.

Journal of Selcuk University Natural and Applied Science, pp.594-605, 2013 (Peer-Reviewed Journal)

XIV. **Removal Of Co II By Adsorption Using Activated Carbon Prepared From Tomato Waste Effect Of Carbonization Temperature**

Journal of Selcuk University Natural and Applied Science, pp.594-605, 2013 (Peer-Reviewed Journal)

YARGIÇ A. Ş., YARBAY ŞAHİN R. Z., ÖZBAY N., PEHLİVAN E.

XV. **Biosorption Of Zinc II From Aqueous Solution By Impregnated With Hydrochloric Acid Sunflower Pulp**

PEHLİVAN E., YARBAY ŞAHİN R. Z., YARGIÇ A. Ş., ÖZBAY N., GÖK Ö.

Journal of Selcuk University Natural and Applied Science, vol.594, no.605, 2013 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Controlling the Porosity and Strength of Liquefied Spruce Tree Sawdust Based Carbon Foams via Changing Surfactant Amount**

YARGIÇ A. Ş., ÖZBAY N.

in: Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions (2nd Edition), Ph.D. Mohamed Ksibi, Achraf Ghorbal, Dr. Sudip Chakraborty, Helder I. Chaminé, Dr. Maurizio Barbieri, Prof. Giulia Guerriero, Dr. Olfa Hentati, Prof. Dr. Abdelazim Negm, Anthony Lehmann, Dr. Jörg Römbke, Prof. Dr. Armando Costa Duarte, Dr. Elena Xoplaki, Dr. Nabil Khélifi, Prof. Dr. Gilles Colinet, João Miguel Dias, Imed Gargouri, Dr. Eric D. Van Hullebusch, Benigno Sánchez Cabrero, Prof. Settimio Ferlisi, Chedly Tizaoui, Amjad Kallel, Dr. Dr. Sami Rtimi, Dr. Sandeep Panda, Philippe Michaud, Jaya Narayana Sahu, Mongi Seffen, Assoc. Prof. Vincenzo Naddeo, Editor, Springer International Publishing, pp.1413-1417, 2021

II. **Chapter 1: Conversion of Biopitch to Carbon Foam with Tunable Properties: The Role of Chemical Activation**

YARGIÇ A. Ş.

in: Current Engineering Sciences Research, Kavak, Duygu, Editor, Livre de Lyon, Lyon, pp.1-21, 2021

III. **Research on the Pyrolysis Characteristics of Tomato Waste With Fe-Al₂O₃ Catalyst**

ÖZBAY N., YARGIÇ A. Ş., YARBAY ŞAHİN R. Z., YAMAN E.

in: Exergetic, Energetic and Environmental Dimensions, Ibrahim Dincer Can Ozgur Colpan Onder Kizilkan, Editor, Academic Press, pp.815-828, 2018

IV. **Book part:III, Chapter:70, Performance Evaluation of the Bio-char Heavy Metal Removal Produced from Tomato Factory Waste**

ÖNAL E., ÖZBAY N., YARGIÇ A. Ş., YARBAY ŞAHİN R. Z., GÖK Ö.

in: Progress in Exergy Energy and the Environment, Dincer Ibrahim, Midilli Adnan, Kucuk Haydar, Editor, Springer International Publishing, pp.733-740, 2014

Refereed Congress / Symposium Publications in Proceedings

I. **CHARACTERISTICS OF PEI-LOADED UNCALCINED MCM-48 AS POTENTIAL ADSORBENT FOR CO₂ CAPTURE**

ŞENER M., YARGIÇ A. Ş.

8TH INTERNATIONAL ISTANBULSCIENTIFIC RESEARCH CONGRESS, İstanbul, Turkey, 12 - 13 March 2022, pp.543-440

II. SYNTHESIS OF Fe/Al₂O₃ CATALYST USING CO-PRECIPITATION METHOD AND ITS USE IN Py-GC/MS SYSTEM

TATMAN A., YARGIÇ A. Ş., ÖZBAY N., EROĞLU F.

8TH INTERNATIONAL ISTANBULSCIENTIFIC RESEARCH CONGRESS, İstanbul, Turkey, 12 - 13 March 2022, pp.551-556

III. Piroliz Katranı: Karbon Köpük Üretiminde Solvoliz Reaksiyonu için Alternatif Çözücü

YARGIÇ A. Ş., ÖZBAY N.

Üçüncü Ulusal Karbon Konferansı (3-UKK), İstanbul, Turkey, 11 - 12 March 2021, pp.34

IV. Investigation of the phenol proportion effect used in the solvolytic liquefaction reaction on the properties of carbon foams derived from pistachio shells

YARGIÇ A. Ş.

3rd INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH CONGRESS, İstanbul, Turkey, 8 - 10 January 2021, pp.35

V. Controlling the Porosity and Strength of Liquefied Spruce Tree Sawdust Based Carbon Foams via Changing Surfactant Amount

YARGIÇ A. Ş., ÖZBAY N.

2nd Euro-Mediterranean Conference on Environmental Integration, EMCEI 2019, Sousse, Tunisia, 10 - 13 October 2019, pp.1413-1417

VI. Pyrolysis of avocado seed as an approach for bio-waste utilising

YARBAY ŞAHİN R. Z., ÖRENAY O., DOLAŞ Y., YARGIÇ A. Ş., ÖZBAY N.

II. INTERNATIONAL AGRICULTURAL, BIOLOGICAL & LIFE SCIENCE CONFERENCE (E-AGBIOL 2020), Edirne, Turkey, 1 - 03 September 2020

VII. Döküm Malzemelerin Performans Özelliklerini İyileştirmeye Yönelik Kaplama Koşullarının Karşılaştırılması

ÖZBAY N., YARGIÇ A. Ş., EREN B.

International Aegean Symposiums on Innovation Technologies Engineering, İzmir, Turkey, 15 - 16 February 2020

VIII. Synthesis Method and Calcination Temperature Effects on LaAlO₃ Perovskite Type Catalyst

YARBAY ŞAHİN R. Z., YARGIÇ A. Ş., ÖZBAY N.

Bilge Kagan 2. International Science Congress, Barcelona, Spain, 5 - 07 November 2019

IX. Bio-oil as an alternative solvent for biomass liquefaction: influence of solvent ratio

YARGIÇ A. Ş., ÖZBAY N., YARBAY ŞAHİN R. Z.

FIRST INTERNATIONAL BALKAN CHEMISTRY CONGRESS, 17 - 19 September 2018

X. Domates Küspesinden Katalitik Piroliz Yöntemi ile Fenolik Hidrokarbonlarca Zengin Değerli Kimyasalların Üretilmesi

ÖZBAY N., YAMAN E., YARGIÇ A. Ş., YARBAY ŞAHİN R. Z.

2. Ulusal Karbon Konferansı, Turkey, 16 - 17 March 2018

XI. Solvoliz Sıvılaştırma Yöntemi ile Karbon Köpük Üretiminde Reaktif Türü Etkisinin İncelenmesi

YARGIÇ A. Ş., ÖZBAY N.

2. Ulusal Karbon Konferansı, Turkey, 16 - 17 March 2018

XII. PRODUCTION OF CARBON SUPPORTED CATALYST FROM RENEWABLE BIOMASS

YAMAN E., ÖZBAY N., YARGIÇ A. Ş., YARBAY ŞAHİN R. Z.

Uluslararası Sağlık ve Çevre Kongresi (USCEK-2017), 23 - 25 October 2017

XIII. IMPROVING THE QUALITY OF BIOMASS FOR RENEWABLE SOLID FUEL

ÖZBAY N., YAMAN E., YARGIÇ A. Ş., YARBAY ŞAHİN R. Z.

Uluslararası Sağlık ve Çevre Kongresi (USCEK-2017), 23 - 25 October 2017

XIV. Production of Carbon Supported Catalyst From Renewable Biomass Resource

YAMAN E., ÖZBAY N., YARGIÇ A. Ş., YARBAY ŞAHİN R. Z.

International Congress of Health and Environment, 23 - 25 October 2017

XV. Process optimization studies of Pr Red Hegxl dye biosorption onto daphne seed using factorial

design

YARGIÇ A. Ş., YARBAY ŞAHİN R. Z., YAMAN E., ÖZBAY N.

The 12th Conference on Sustainable Development of Energy, Water and Environment Systems – 12thSDEWES, 4 - 08 August 2017

- XVI. **Synthesis of cobalt loaded biochar from spruce sawdust as catalyst in the hydrothermal liquefaction process of peapod**
YAMAN E., ÖZBAY N., YARGIÇ A. Ş., YARBAY ŞAHİN R. Z., BAŞOĞLU M.
The 12th Conference on Sustainable Development of Energy, Water and Environment Systems – 12thSDEWES, Dubrovnik, Croatia, 4 - 08 August 2017
- XVII. **Application of factorial design to optimize the process variables for tomato waste pyrolysis**
ÖZBAY N., YARBAY ŞAHİN R. Z., YARGIÇ A. Ş., YAMAN E., PEHLİVAN E.
The 12th Conference on Sustainable Development of Energy, Water and Environment Systems – 12thSDEWES, 4 - 08 August 2017
- XVIII. **Liquefaction of oak tree bark with different biomass/phenol mass ratios and utilizing bio-based polyols for carbon foam production**
ÖZBAY N., YARGIÇ A. Ş.
6th International Advances in Applied Physics and Materials Science Congress and Exhibition, APMAS 2016, İstanbul, Turkey, 1 - 03 June 2016, vol.1809
- XIX. **A comparative characterization of palladium incorporated MCM-41, MCM-48 and SBA-15 type catalysts**
GÜÇBİLMEZ Y., ÇALIŞ İ., YARGIÇ A. Ş.
the European Materials Research Society (E-MRS) 2016 Fall Meeting, 19 - 22 September 2016
- XX. **Effects of SBA 15 Supported Al or Fe Mesoporous Materials on Phenolic Content of Bio Oil via Catalytic Upgrading of Pyrolysis Vapours**
YARGIÇ A. Ş., ÖZBAY N., KALOGIANNIS K. G., STEFANIDIS S. D., ILIOPOULOU E., LAPPAS A. A.
2nd South East Europe Conference on Sustainable Development of Energy Water and Environment Systems (SDEWES) (2nd SEE SDEWES), Piran, Slovenia, 15 - 18 June 2016
- XXI. **Characteristics of Pyrolysis Bio Chars Derived From Cherry Pulp**
PEHLİVAN E., YARGIÇ A. Ş., ÖZBAY N., YARBAY ŞAHİN R. Z.
2nd South East Europe Conference on Sustainable Development of Energy Water and Environment Systems (SDEWES) (2nd SEE SDEWES), Piran, Slovenia, 15 - 18 June 2016
- XXII. **Production of upgraded bio oils by biomass catalytic pyrolysis using low cost food industry waste**
ÖZBAY N., YARGIÇ A. Ş., YARBAY ŞAHİN R. Z., YAMAN E.
8th International Exergy, Energy and Environment Symposium (IEEEES-8), Antalya, Turkey, 1 - 04 May 2016
- XXIII. **Characterization of bio oil obtained from a food industry waste pyrolysis**
ÖZBAY N., YAMAN E., YARGIÇ A. Ş., YARBAY ŞAHİN R. Z.
8th International Exergy, Energy and Environment Symposium (IEEEES-8), Antalya, Turkey, 1 - 04 May 2016
- XXIV. **Investigation of Metal Loading Ratio Effect on Characteristics of Co Al₂O₃ Catalysts and Utilization in Catalytic Pyrolysis**
ÖZBAY N., BAŞ P., YARGIÇ A. Ş.
NCC6 - The 6th Catalysis Conference, Bursa, Turkey, 27 - 30 April 2016
- XXV. **Converting of Fruit Juice Industry Solid Waste into Biofuel via Pyrolysis**
ÖNAL E., YARGIÇ A. Ş., ÖZBAY N.
10th European Congress of Chemical Engineering-ECCE-10, Nice, France, 27 September - 01 October 2015
- XXVI. **Catalytic Effect of Ni Al₂O₃ on Tomato Paste Pyrolysis The Role of Preparation Method and Metal Loading**
YARGIÇ A. Ş., ÖZBAY N.
10th European Congress of Chemical Engineering-ECCE-10, Nice, France, 27 September - 01 October 2015
- XXVII. **Production of bio char from stone coal and its properties**
ÖNAL E., EMİR AYBERK G., YARGIÇ A. Ş.
The Annual World Conference on Carbon-CARBON 2015, Dresden, Germany, 12 - 17 July 2015

- XXVIII. **Synthesis and Characterization of Activated Carbons from Tomato Waste *Solanum Lycopersicum* by Chemical Activation with K_2CO_3 and KOH**
ÖZBAY N., YARGIÇ A. Ş., YARBAY ŞAHİN R. Z.
The Annual World Conference on Carbon-CARBON 2015, Dresden, Germany, 12 - 17 July 2015
- XXIX. **Dye adsorption behavior in aquauous solutions of activated carbon prepared from peach stone**
ÖNAL E., YARGIÇ A. Ş., ÖZBAY N., GÜLEÇ A., OĞUZ BAYKAL S. H.
IndustrialWaste & WastewaterTreatment & Valorisation, 21 - 23 May 2015
- XXX. **Dye adsorption behavior in aqueous solutions of activated carbon prepared from peach stone**
ÖNAL E., YARGIÇ A. Ş., ÖZBAY N.
International Conference Industrial Waste & Wastewater Treatment & Valorisation, Atina, Greece, 21 - 23 May 2015
- XXXI. **The Comparative Study on Decolorization of Remazol Yellow Dye from Aqueous Solutions by Biosorption, Fenton and Photo Fenton Processes**
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