

Prof. Selim Ceylan

Personal Information

Office Phone: [+90 362 191 9](tel:+903621919) Extension: 1326

Email: selim.ceylan@omu.edu.tr

Web: <https://avesis.omu.edu.tr/selim.ceylan>

International Researcher IDs

ORCID: 0000-0001-7258-6205

ScopusID: 7003728792

Yoksis Researcher ID: 19636

Education Information

Doctorate, Marmara University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Turkey 2006 - 2010

Postgraduate, Marmara University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), Turkey 2003 - 2006

Undergraduate, Inonu University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1998 - 2002

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Proteomic study and flux analysis of metabolic pathways of halophilic microorganisms, Marmara University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), 2010

Postgraduate, Fermentation of enzymatically saccharified agricultural residues for ethanol production, Marmara University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), 2005

Research Areas

Chemical Engineering and Technology, Environmental Chemistry and Technology, Petrochemical Technologies, Fuels and Combustion Technology, Process and Reactor Design, Chemical Reaction Engineering, Catalysis and Catalytic Processes, Process Design, Heat Transfer, Engineering and Technology

Academic Titles / Tasks

Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2022 - Continues

Associate Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2017 - 2022

Assistant Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2012 - 2016

Research Assistant, Marmara University, Mühendislik Fakültesi, Biyomühendislik Bölümü, 2008 - 2012

Research Assistant, Marmara University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2003 - 2008

Academic and Administrative Experience

Ondokuz Mayıs University, 2012 - 2016

Courses

Isı Transferi, Undergraduate, 2014 - 2015, 2013 - 2014
Kimya Mühendisliği Lab.2, Undergraduate, 2014 - 2015, 2013 - 2014
Isı ve Kütle Transferi, Undergraduate, 2014 - 2015, 2013 - 2014
Yeni ve Yenilenebilir Enerji Kaynakları, Postgraduate, 2014 - 2015
Proses Tasarım I, Undergraduate, 2014 - 2015
Bitirme Projesi, Undergraduate, 2014 - 2015
Proses Kontrol, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
Fabrika Organizasyonu, Undergraduate, 2014 - 2015
Akışkanlar Mekaniği, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013
Proses Tasarım II, Undergraduate, 2014 - 2015
Mühendislikte Sayısal Yöntemler, Undergraduate, 2014 - 2015, 2013 - 2014
Termodinamik, Undergraduate, 2014 - 2015, 2013 - 2014
Kimya Mühendisliği Lab.3, Undergraduate, 2014 - 2015
Diferansiyel Denklemler, Undergraduate, 2013 - 2014, 2012 - 2013
Mühendislikte İleri Sayısal Metotlar, Postgraduate, 2013 - 2014
İleri Isı ve Kütle Transferi, Postgraduate, 2013 - 2014
Kimya Mühendisliği Lab.1, Undergraduate, 2013 - 2014
Mesleki İngilizce, Undergraduate, 2013 - 2014, 2012 - 2013
Genel Kimya Lab II, Undergraduate, 2012 - 2013
Genel Kimya Lab I, Undergraduate, 2012 - 2013
Genel Kimya Lab II, Undergraduate, 2011 - 2012
Genel Kimya Lab I, Undergraduate, 2011 - 2012

Advising Theses

Selim C., Catalytic cracking of waste cooking oils using low cost catalysts, Doctorate, K.SERKAN(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Thermokinetics and synergistic effect analysis of peat-lignite coal co-pyrolysis**
Bakkaloğlu E., Ceylan S., Topcu Y.
Energy Sources, Part A: Recovery, Utilization and Environmental Effects, vol.46, no.1, pp.3124-3135, 2024 (SCI-Expanded)
- II. **Pyrolysis of oil extracted safflower seeds: Product evaluation, kinetic and thermodynamic studies**
Tahir M. H., Mahmood M. A., ÇAKMAN G., Ceylan S.
BIORESOURCE TECHNOLOGY, vol.314, 2020 (SCI-Expanded)
- III. **A modified DAEM: To study the bioenergy potential of invasive Staghorn Sumac through pyrolysis, ANN, TGA, kinetic modeling, FTIR and GC-MS analysis**
Ahmad M. S., Liu H., Alhumade H., Tahir M. H., ÇAKMAN G., YILDIZ A., Ceylan S., Elkamel A., Shen B.
ENERGY CONVERSION AND MANAGEMENT, vol.221, 2020 (SCI-Expanded)
- IV. **Sustainable hydrocarbon fuels via "one-pot" catalytic deoxygenation of waste cooking oil using inexpensive, unsupported metal oxide catalysts**
YILDIZ A., Goldfarb J. L., Ceylan S.
FUEL, vol.263, 2020 (SCI-Expanded)

- V. **Sustainable production of value-added products from fast pyrolysis of palm shell residue in tandem micro-reactor and pilot plant**
Ghorbannezhad P., Kool F., Rudi H., Ceylan S.
RENEWABLE ENERGY, vol.145, pp.663-670, 2020 (SCI-Expanded)
- VI. **Estimation of biomass higher heating value (HHV) based on the proximate analysis: Smart modeling and correlation**
Dashti A., Noushabadi A. S., Raji M., Razmi A., Ceylan S., Mohammadi A. H.
FUEL, vol.257, 2019 (SCI-Expanded)
- VII. **Investigation of pyrolysis kinetics and thermal behavior of Invasive Reed Canary (Phalaris arundinacea) for bioenergy potential**
Alhumade H., Gomes da Silva J. C., Ahmad M. S., ÇAKMAN G., YILDIZ A., Ceylan S., Elkamel A.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, vol.140, pp.385-392, 2019 (SCI-Expanded)
- VIII. **Demonstrating the suitability of canola residue biomass to biofuel conversion via pyrolysis through reaction kinetics, thermodynamics and evolved gas analyses**
Tahir M. H., ÇAKMAN G., Goldfarb J. L., Topcu Y., Naqvi S. R., Ceylan S.
BIORESOURCE TECHNOLOGY, vol.279, pp.67-73, 2019 (SCI-Expanded)
- IX. **Pyrolysis of tobacco factory waste biomass**
Yildiz Z., Ceylan S.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.136, no.2, pp.783-794, 2019 (SCI-Expanded)
- X. **Pyrolysis of high ash sewage sludge: Kinetics and thermodynamic analysis using Coats-Redfern method**
Naqvi S. R., Tariq R., Hameed Z., Ali I., Naqvi M., Chen W., Ceylan S., Rashid H., Ahmad J., Taqvi S. A., et al.
RENEWABLE ENERGY, vol.131, pp.854-860, 2019 (SCI-Expanded)
- XI. **Enhancing biomass plus coal Co-firing scenarios via biomass torrefaction and carbonization: Case study of avocado pit biomass and Illinois No. 6 coal**
Xue J., Chellappa T., Ceylan S., Goldfarb J. L.
RENEWABLE ENERGY, vol.122, pp.152-162, 2018 (SCI-Expanded)
- XII. **Thermokinetic and TG/DSC-FTIR study of pea waste biomass pyrolysis**
Musellim E., Tahir M. H., Ahmad M. S., Ceylan S.
APPLIED THERMAL ENGINEERING, vol.137, pp.54-61, 2018 (SCI-Expanded)
- XIII. **Thermokinetic analysis and product characterization of Medium Density Fiberboard pyrolysis**
Aslan D. I., Ozogul B., Ceylan S., Geyikçi F.
BIORESOURCE TECHNOLOGY, vol.258, pp.105-110, 2018 (SCI-Expanded)
- XIV. **Optimization of Parameters for the Generation of Hydrogen in Combined Slow Pyrolysis and Steam Gasification of Biomass**
Parthasarathy P., Narayanan K. S., Ceylan S., Pambudi N. A.
ENERGY & FUELS, vol.31, no.12, pp.13692-13704, 2017 (SCI-Expanded)
- XV. **Pyrolysis reaction models of waste tires: Application of Master-Plots method for energy conversion via devolatilization**
Aslan D. I., Parthasarathy P., Goldfarb J. L., Ceylan S.
WASTE MANAGEMENT, vol.68, pp.405-411, 2017 (SCI-Expanded)
- XVI. **Improved prediction of higher heating value of biomass using an artificial neural network model based on proximate analysis**
Uzun H., Yildiz Z., Goldfarb J. L., Ceylan S.
BIORESOURCE TECHNOLOGY, vol.234, pp.122-130, 2017 (SCI-Expanded)
- XVII. **Renewable fuels from pyrolysis of Dunaliella tertiolecta: An alternative approach to biochemical conversions of microalgae**
Soyler N., Goldfarb J. L., Ceylan S., SAÇAN M.
ENERGY, vol.120, pp.907-914, 2017 (SCI-Expanded)
- XVIII. **Product quality optimization in an integrated biorefinery: Conversion of pistachio nutshell biomass to biofuels and activated biochars via pyrolysis**

- Isitan S., Ceylan S., Topcu Y., Hintz C., Tefft J., Chellappa T., Guo J., Goldfarb J. L.
ENERGY CONVERSION AND MANAGEMENT, vol.127, pp.576-588, 2016 (SCI-Expanded)
- XIX. **Application of artificial neural networks to co-combustion of hazelnut husk-lignite coal blends**
Yildiz Z., Uzun H., Ceylan S., Topcu Y.
BIORESOURCE TECHNOLOGY, vol.200, pp.42-47, 2016 (SCI-Expanded)
- XX. **Second-generation sustainability: Application of the distributed activation energy model to the pyrolysis of locally sourced biomass-coal blends for use in co-firing scenarios**
Goldfarb J. L., Ceylan S.
FUEL, vol.160, pp.297-308, 2015 (SCI-Expanded)
- XXI. **Synergism among biomass building blocks? Evolved gas and kinetics analysis of starch and cellulose co-pyrolysis**
Xue J., Ceylan S., Goldfarb J. L.
THERMOCHIMICA ACTA, vol.618, pp.36-47, 2015 (SCI-Expanded)
- XXII. **Green tide to green fuels: TG-FTIR analysis and kinetic study of Ulva prolifera pyrolysis**
Ceylan S., Goldfarb J. L.
ENERGY CONVERSION AND MANAGEMENT, vol.101, pp.263-270, 2015 (SCI-Expanded)
- XXIII. **Pyrolysis kinetics and thermal characteristics of microalgae Nannochloropsis oculata and Tetraselmis sp.**
Ceylan S., KAZAN D.
BIORESOURCE TECHNOLOGY, vol.187, pp.1-5, 2015 (SCI-Expanded)
- XXIV. **Kinetic analysis on the non-isothermal degradation of plum stone waste by thermogravimetric analysis and integral Master-Plots method**
Ceylan S.
WASTE MANAGEMENT & RESEARCH, vol.33, no.4, pp.345-352, 2015 (SCI-Expanded)
- XXV. **Thermal behaviour and kinetics of alga Polysiphonia elongata biomass during pyrolysis**
Ceylan S., Topcu Y., Ceylan Z.
BIORESOURCE TECHNOLOGY, vol.171, pp.193-198, 2014 (SCI-Expanded)
- XXVI. **Pyrolysis kinetics of hazelnut husk using thermogravimetric analysis**
Ceylan S., Topcu Y.
BIORESOURCE TECHNOLOGY, vol.156, pp.182-188, 2014 (SCI-Expanded)
- XXVII. **Biochemical production from agricultural waste**
Ozay S., Ceylan S., KÜÇÜKADA K.
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **Fast pyrolysis of biomass mixtures in a fixed bed reactor: Characterization of bio-oil product**
UZUN H., YILDIZ Z., CEYLAN S.
Environmental Research & Technology, vol.2, no.1, pp.1-5, 2019 (Peer-Reviewed Journal)
- II. **Preparation and Characterisation of Biochar from Hazelnut Shell and Its Adsorption Properties for Methylene Blue Dye**
KAYA N., Yildiz Z., Ceylan S.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.21, no.4, pp.765-776, 2018 (ESCI)
- III. **CO₂ capture analysis of tobacco biochar-AlCl₃ composite**
Soyler N., Ceylan S., Topcu Y.
Environmental Research and Technology, vol.1, no.1, pp.34-37, 2018 (Scopus)
- IV. **Pyrolysis of walnut shell biomass in fluidized bed reactor: Determination of optimum conditions for bio-char production**
Yildiz Z., Ceylan S.
Environmental Research and Technology, vol.1, no.4, pp.47-51, 2018 (Scopus)

Books & Book Chapters

- I. **Application of machine learning algorithms to predict the performance of coal gasification process**
CEYLAN Z., CEYLAN S.
in: Applications of Artificial Intelligence in Process Systems Engineering, , Editor, Elsevier, pp.165-186, 2021

Refereed Congress / Symposium Publications in Proceedings

- I. **Fast Pyrolysis of Biomass Mixtures in a Fixed Bed Reactor: Characterization of Bio-Oil Product**
Uzun H., Yıldız Z., CEYLAN S.
Euroasia 2018, İstanbul, Turkey, 2 - 04 May 2018
- II. **Pyrolysis of Walnut Shell Biomass in Fluidized Bed Reactor: Determination of Optimum Conditions for Bio-Char Production**
Yıldız Z., CEYLAN S.
Euroasia 2018, İstanbul, Turkey, 2 - 04 May 2018
- III. **Estimation of Aviation Fuel Demand of Turkey by MLR and Grey Model**
CEYLAN Z., CEYLAN S., BULKAN S.
The International Conference on Materials Science, Machine and Automotive Engineerings and Technology, İzmir, Turkey, 10 - 12 April 2018, pp.578
- IV. **Assessing the Accuracy of Artificial Intelligence and MLR Models in Estimation of Road Transportation Energy Demand in Turkey**
CEYLAN Z., CEYLAN S., BULKAN S.
International Conference on Research in Education and Science, Kuşadası, Turkey, 18 - 21 May 2017, pp.38
- V. **KINETIC STUDY OF CHICKEN MANURE PYROLYSIS USING DISTRIBUTEDACTIVATION ENERGY MODEL**
Uzun H., Yıldız Z., CEYLAN S.
COSTA S 2017, Samsun, Turkey, 9 - 11 November 2017
- VI. **PREDICTION OF BIODIESEL HIGH HEATING VALUE BY ARTIFICIALNEURAL NETWORK**
YILDIZ A., CEYLAN S.
COSTAS 2017, Samsun, Turkey, 9 - 11 November 2017
- VII. **PREDICTION OF HIGHER HEATING VALUE OF MICROALGAE USINGARTIFICIAL NEURAL NETWORK**
Yıldız Z., Uzun H., CEYLAN S.
COSTAS 2017, Samsun, Turkey, 9 - 11 November 2017
- VIII. **ARTIFICIAL NEURAL NETWORK MODELLING OF LIGNITE COALPISTACHIOSHELL CO-PYROLYSIS**
YILDIZ A., TOPCU Y., CEYLAN S.
COSTAS 2017, Samsun, Turkey, 9 - 11 November 2017
- IX. **Fast Pyrolysis of Marine Macroalgae-Coal Blends in Fluidized Bed Reactor And Characterization of Products**
Yıldız Z., CEYLAN S.
ICONTES 2017, Antalya, Turkey, 26 - 29 October 2017
- X. **Removal of Methylene Blue from Aqueous Solution Using Activated Carbon Produced from Hazelnut Shell**
KAYA N., Yıldız Z., CEYLAN S.
2.International Conference on Material Science and Technology (IMSTEC 2017), Nevşehir, Turkey, 10 - 13 October 2017
- XI. **A TG/DSC-FTIR study on catalytic co-pyrolysis of lignite coal-macroalgae blends**
Yıldız Z., CEYLAN S.
ICCESEN 2017, Antalya, Turkey, 4 - 08 October 2017
- XII. **Catalytic conversion of waste cooking oil into hydrocarbon fuels**
YILDIZ A., Abdirrezzak A ., CEYLAN S.
ICCESEN 2017, Antalya, Turkey, 4 - 08 October 2017

- XIII. **INVESTIGATION OF POSSIBLE SYNERGETIC EFFECT DURING CO-PYROLYSIS OF MACROALGAE-COAL BLENDS BY TG/DSC-FTIR**
YILDIZ Z., CEYLAN S.
International Conference on Research in Education and Science (ICRES), Aydın, Turkey, 18 - 21 May 2017
- XIV. **A TG FTIR and KINETIC STUDY of EUPHORBIA PYROLYSIS**
ARTUN E., CEYLAN S.
2nd International Conference on Energy Systems, İstanbul, Turkey, 21 - 23 December 2016
- XV. **Thermogravimetric Analysis and Kinetic Study of Corn Cob Pyrolysis**
ASLAN D. I., ASLAN L., CEYLAN S.
2nd International Conference on Energy Systems, 21 - 23 December 2016
- XVI. **Catalytic Co Pyrolysis of Ulva Lettuce Macroalgae Coal Blends Thermal behavior and Biochar Production**
Yıldız Z., Uzun H., CEYLAN S.
2nd International Conference on Energy Systems, İstanbul, Turkey, 21 - 23 December 2016
- XVII. **BIODIESEL PRODUCTION FROM WASTE COOKING OIL USING LOW COST HETEROGENEOUS CATALYSTS**
MÜSELLİM E., PALANTÖKEN C., YILDIZ Z., CEYLAN S., GEYİKÇİ F.
2ND International Conference on Energy Systems (CES-2016), İstanbul, Turkey, 21 - 23 December 2016
- XVIII. **Kinetic and Thermal Investigation of Fruit Waste Pyrolysis by TG FTIR**
Müsellim E., CEYLAN S.
2nd International Conference on Energy Systems, İstanbul, Turkey, 21 - 23 December 2016
- XIX. **Thermokinetic Study of Oak Tree Pyrolysis by Using TG FTIR**
Palantöken C., CEYLAN S., YAPICI F.
2nd International Conference on Energy Systems, İstanbul, Turkey, 21 - 23 December 2016
- XX. **Thermokinetic Investigation of Waste Tire Pyrolysis by TGA**
Aslan D. I., Aslan L., CEYLAN S.
2nd International Conference on Energy Systems, İstanbul, Turkey, 21 - 23 December 2016
- XXI. **Co pyrolysis of Ulva Prolifera Macroalgae Coal Blends and Characterization of the Products Obtained**
Yıldız Z., CEYLAN S.
2nd International Conference on Energy Systems, İstanbul, Turkey, 21 - 23 December 2016
- XXII. **Application of Artificial Neural Network in Modeling Co Pyrolysis of Waste Tire Pistachios Shell**
CEYLAN Z., CEYLAN S.
ICCESEN 2016, 19 - 24 October 2016
- XXIII. **Investigation of combustion kinetics of U lettuce biomass by TGA and MasterPlots method**
Aslan D. I., CEYLAN S.
ICCESEN 2016, Antalya, Turkey, 19 - 24 October 2016
- XXIV. **Hidrotermal Karbonizasyon ve Sodyum Hidroksit Aktivasyon İşlemleri ile Birlikte Hazırlanan Ayçiçeği Sapı Biyokütlesinin Aktif Karbonu'nun Üzerinde Metilen Blue Adsorpsiyonu**
Yiğit H., Yağan Aşçı M., CEYLAN S., TOPCU Y., ALIŞIR S.
2. Ulusal Biyoyakıtlar Sempozyumu, Samsun, Turkey, 27 - 30 September 2016, pp.326-328
- XXV. **BİYOKÜTLE KÖMÜR KARIŞIMLARININ CO PİROLİZİ VE ELDE EDİLEN ÜRÜNLERİN KARAKTERİZASYONU**
YILDIZ Z., CEYLAN S.
2. Ulusal Biyoyakıtlar Sempozyumu, Samsun, Turkey, 27 - 30 September 2016
- XXVI. **INTEGRAL MASTER PLOTS METODU ve TERMOGRAVİMETRİK ANALİZ ile SPARTIUM JUNCEUM UN İZOTERMAL OLMAYAN BOZUNMASI ÜZERİNE KİNETİK ANALİZ**
ASLAN D. I., CEYLAN S.
UKMK 2016, İzmir, Turkey, 23 - 26 August 2016
- XXVII. **YER FISTIĞI KABUĞUNUN TERMAL DAVRANIŞI ve PİROLİZ KİNETİĞİ**
ASLAN L., ASLAN D. I., CEYLAN S.
UKMK 2016, İzmir, Turkey, 23 - 26 August 2016
- XXVIII. **Biyokütle Örneği Olarak Fasulye Kabuğunun Piroлиз Kinetiğinin İncelenmesi**

- Yiğit H., CEYLAN S., TOPCU Y.
12. Ulusal Kimya Mühendisliği Kongresi (UKMK2016), İzmir, Turkey, 23 - 26 August 2016, pp.227
- XXIX. **CO2 Capture Analysis of Tobacco Biochar AlCl3 Composite**
SÖYLER N., CEYLAN S., TOPCU Y.
EUROASIA 2016, Waste Management Symposium, 2 - 04 May 2016
- XXX. **Kinetic studies of Eriobotrya Japonica pyrolysis using thermogravimetric analysis**
YILDIZ Z., UZUN H., CEYLAN S.
EUROASIA 2016, Waste Management Symposium, 2 - 04 May 2016
- XXXI. **Co Pyrolysis of C Barbata Macroalgae Coal Artificial Neural Networks Models in Thermogravimetric Analysis TGA of Blends**
UZUN H., YILDIZ Z., CEYLAN S.
EUROASIA 2016, Waste Management Symposium, 2 - 04 May 2016
- XXXII. **Forecasting CO2 emissions related with fossil fuel consumption in Turkey**
CEYLAN S., CEYLAN Z., FIRAT S. Ü. O.
27th European Conference on Operational Research, 12 - 15 July 2015
- XXXIII. **Ulva Lettuce Yosunu Kullanılarak Congo Red Boyasının Adsorpsiyonu ve Adsorpsiyon Kinetiği**
GEMİCİOĞLU F., AVCI G., ERKILIÇ E., KARLI S., ÜSTÜN M., TEKBIYIK D., CEYLAN S.
3. Ulusal Kimya Mühendisliği Öğrenci Kongresi, İstanbul, Turkey, 2 - 04 May 2015
- XXXIV. **Fındık Çotanağı Kullanılarak Metilen Mavisinin Adsorpsiyonu ve Kinetik Analizi**
ALPER B., BAŞKAYA N., TOPLU S., ARBUŞ F., CEYLAN S.
3. Ulusal Kimya Mühendisliği Öğrenci Kongresi, İstanbul, Turkey, 2 - 04 May 2015
- XXXV. **P elongata dan İndirgen Şeker Üretimi Sonucu Oluşan Atıkların Pirolyzi ve Pirolyz Kinetiği**
YILDIRIM M., SÖYLER N., CEYLAN S.
3. Ulusal Kimya Mühendisliği Öğrenci Kongresi, İstanbul, Turkey, 2 - 04 May 2015
- XXXVI. **Uygun Seyreltik Asit Katalizörlüğünde Polysiphonia elongata dan İndirgen Şeker Eldesi**
SÖYLER N., YILDIRIM M., CEYLAN S.
3. Ulusal Kimya Mühendisliği Öğrenci Kongresi, İstanbul, Turkey, 2 - 04 May 2015
- XXXVII. **Artificial Neural Network for Modelling Co Pyrolysis of Biomass Coal Blends**
YILDIZ Z., UZUN H., YİĞİT H., CEYLAN S.
Turkish-German Conference on Energy Technologies, Ankara, Turkey, 13 - 14 October 2014
- XXXVIII. **THERMOKINETIC ANALYSIS OF PYROLYSIS OF AQUATIC BIOMASS LIGNITE COAL AND THEIR BLENDS**
CEYLAN S., TOPCU Y., CEYLAN Z.
13th Mediterranean Congress of Chemical Engineering, Barcelona, Spain, 30 September - 03 October 2014
- XXXIX. **THERMAL BEHAVIOUR AND KINETICS OF MACROALGA BIOMASS DURING PYROLYSIS**
CEYLAN Z., CEYLAN S., TOPCU Y.
13th Mediterranean Congress of Chemical Engineering, Barcelona, Spain, 30 September - 03 October 2014
- XL. **ADSORBENT OLARAK KULLANILAN METAL ORGANİK KAFES YAPILI BİLEŞİKLER VE YAPAY SİNİR AĞLARI UYGULAMALARI**
YILDIZ Z., HARUN U., YİĞİT H., CEYLAN S.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014
- XLI. **Sıcaklığın Tarçından Fenolik Madde Ekstraksiyonu Üzerine Etkisi**
GAMZE Ü., ZÜRE FATMA A., EZGİ Ç., CEYLAN S.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014
- XLII. **Birlikte yanma sırasında kömür biyokütle karışımlarının termal davranışı ve kinetiği**
Berkay İ., Dilan Irmak A., CEYLAN S., TOPCU Y.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014
- XLIII. **Biberiye Bitkisinden Sıcaklığa Bağlı Fenolik Madde Ekstraksiyonu Kinetiği**
Dilan Irmak A., Rüya Ö., CEYLAN S.
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014
- XLIV. **Proteomics in industrial biotechnology**
CEYLAN S., ÇAĞAKAN Ö., SARIYAR AKBULUT B., KAZAN D.

European Biotechnology Congress 2011, İstanbul, Turkey, 28 September - 01 October 2011, vol.22, pp.28

- XLV. **Proteome Analysis of the Responses to Phenol Concentration Variations in Moderately Halophilic Bacteria Halomonas sp MU12**
CEYLAN S., SARIYAR AKBULUT B., KAZAN D.
3th International Conference on Environmental, Industrial and Applied Microbiology, Lizbon, Portugal, 2 - 04 December 2009
- XLVI. **Investigation of osmoprotection and cold adaptation of Halomonas halophila DSMZ 4770 by proteomics**
CEYLAN S., SARIYAR AKBULUT B., KAZAN D.
34th FEBS Congress, Prag, Czech Republic, 4 - 09 July 2009, vol.276, pp.99
- XLVII. **Identification of Metabolic Pathways in the Salt Stress Adaptation of Moderately Halophilic Bacteria**
CEYLAN S., SARIYAR AKBULUT B., KAZAN D.
20th National Biochemistry Congress, Turkey, 29 October - 01 November 2008
- XLVIII. **İLİMLİ HALOFİLİK MİKROORGANİZMALARIN MALDI TOF KÜTLE SPEKTROMETRESİ İLE SINIFLANDIRILMASI**
CEYLAN S., DİLGİMEN A. S., SARIYAR AKBULUT B., KAZAN D.
8. Ulusal Kimya Mühendisliği Kongresi, Malatya, Turkey, 26 - 29 August 2008
- XLIX. **Preliminary identification of moderately halophilic microorganisms by MALDI TOF Mass Spectrometer**
CEYLAN S., SARIYAR AKBULUT B., DİLGİMEN A. S., KAZAN D.
12th International Congress of Bacteriology and Applied Microbiology, İstanbul, Turkey, 5 - 09 August 2008
- L. **Çamaltı Tuzlasından İzole Edilen Mikroorganizmaların Maldi Tof MS ile Sınıflandırılması**
CEYLAN S., DİLGİMEN A. S., ÖZBALCI Ç., SARIYAR AKBULUT B., KAZAN D.
15. Ulusal Biyoteknoloji Kongresi, Antalya, Turkey, 28 - 30 October 2007
- LI. **Preliminary identification of moderately halophilic microorganisms through metabolic footprinting**
SARIYAR AKBULUT B., DİLGİMEN A. S., CEYLAN S., PERK S., DENİZCİ A. A., KAZAN D.
31th FEBS Congress, İstanbul, Turkey, 24 - 26 June 2006
- LII. **HAZELNUT SHELL FROM BLACK SEA REGION AS AN ALTERNATIVE FEEDSTOCK FOR BIOETHANOL PRODUCTION**
KAZAN D., CEYLAN S., ÜNAL S.
The First UN Global Compact Academic Conference, İstanbul, Turkey, 30 May - 01 June 2004
- LIII. **Sürdürülebilir Kalkınma İçin Endüstriyel Çevre Yönetimi Yaşam Döngüsü Analizleri**
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