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Personal Information

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Education Information

Doctorate, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Kimya Mühendisliği (Dr), Turkey 2006 - 2013

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Kimya Mühendisliği (YI) (Tezli), Turkey 2003 - 2006

Undergraduate, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Kimya Mühendisliği Bölümü, Turkey 1998 - 2003

Dissertations

Doctorate, Theoretical and experimental investigation of biomass and coal gasification, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), 2013

Postgraduate, Pem yakıt hücrelerinin yapay sinir ağları ile modellenmesi, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2006

Research Areas

Environmental Engineering, Computer Networks, Database and Data Structures, Artificial Intelligence, Computer Learning and Pattern Recognition, Software, Biomedical Engineering, Biosignal Processing, Clinical Engineering, Chemical Engineering and Technology, Mechanical Engineering, Composites, Biomaterials, Nanomaterials

Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty Of Engineering, Chemical Engineering, 2017 - Continues

Research Assistant, Marmara University, Faculty Of Engineering, Chemical Engineering, 2006 - Continues

Courses

Computer Aided Process Plant Design, Doctorate, 2019 - 2020

Advising Theses

Özveren U., Hydrogel Based Material Design Using Artificial Intelligence Approach, Postgraduate, Ç.TANRIVERDİ(Student), Continues

Özveren U., Production of Carbon Fiber From Egg Shell Membrane and Its Use in Removal Studies, Postgraduate, B.KEKİK(Student), Continues

Özveren U., The Design and Development of Artificial Intelligence Controlled Laboratory Scale Fluidized Bed Gasifier, Postgraduate, F.KARTAL(Student), Continues

Özveren U., Artificial intelligence application in integrated gasification solid oxide fuel cell cycle, Postgraduate, S.SEZER(Student), 2021

Özveren U., Modelling and simulation of a catalytic gasification integrated with solid oxide fuel cell system, Postgraduate, N.ÇEKERYÜREKLİ(Student), 2020

Özveren U., Theoretical and experimental investigation of co-gasification and catalytic gasification, Postgraduate, B.ÖZTÜRK(Student), 2020

Özveren U., Polymer nanocomposites : synthesis, characterization and application in heavy-metal removal, Postgraduate, H.YAKIŞIK(Student), 2019

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Investigation of an integrated circulating fluidized bed gasifier/steam turbine/proton exchange membrane (PEM) fuel cell system for torrefied biomass and modeling with artificial intelligence approach**
Kartal F., Özveren U.
ENERGY CONVERSION AND MANAGEMENT, vol.263, 2022 (Journal Indexed in SCI)
- II. **Investigation of the chemical exergy of torrefied biomass from raw biomass by means of machine learning**
Kartal F., ÖZVEREN U.
Biomass and Bioenergy, vol.159, 2022 (Journal Indexed in SCI)
- III. **Prediction of combustion reactivity for lignocellulosic fuels by means of machine learning**
Sezer S., Kartal F., Özveren U.
Journal Of Thermal Analysis And Calorimetry, no. , pp.1-17, 2022 (Journal Indexed in SCI Expanded)
- IV. **Prediction of torrefied biomass properties from raw biomass**
Kartal F., Özveren U.
RENEWABLE ENERGY, vol.182, pp.578-591, 2022 (Journal Indexed in SCI)
- V. **Investigation of steam gasification in thermogravimetric analysis by means of evolved gas analysis and machine learning**
Özveren U., Kartal F., Sezer S., Ozdogan Z. S.
ENERGY, vol.239, 2022 (Journal Indexed in SCI)
- VI. **Prediction of chemical exergy of syngas from downdraft gasifier by means of machine learning**
Sezer S., Kartal F., Özveren U.
THERMAL SCIENCE AND ENGINEERING PROGRESS, vol.26, 2021 (Journal Indexed in SCI)
- VII. **Investigation of syngas exergy value and hydrogen concentration in syngas from biomass gasification in a bubbling fluidized bed gasifier by using machine learning**
Sezer S., Özveren U.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.46, no.39, pp.20377-20396, 2021 (Journal Indexed in SCI)
- VIII. **The Investigation of Co-Combustion Process for Synergistic Effects Using Thermogravimetric and Kinetic Analysis with Combustion Index**
Sezer S., Kartal F., Özveren U.
Journal Of Thermal Science And Technology, vol.23, no.23, 2021 (Journal Indexed in SCI)
- IX. **Artificial Intelligence Approach in Gasification Integrated Solid Oxide Fuel Cell Cycle**
Sezer S., Kartal F., Özveren U.
Fuel, 2021 (Journal Indexed in SCI Expanded)
- X. **A deep learning approach for prediction of syngas lower heating value from CFB gasifier in Aspen plus®**

Kartal F., ÖZVEREN U.

Energy, vol.209, 2020 (Journal Indexed in SCI)

- XI. **An artificial intelligence approach to predict gross heating value of lignocellulosic fuels**
ÖZVEREN U.
JOURNAL OF THE ENERGY INSTITUTE, vol.90, no.3, pp.397-407, 2017 (Journal Indexed in SCI)
- XII. **An artificial intelligence approach to predict a lower heating value of municipal solid waste**
ÖZVEREN U.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.38, no.19, pp.2906-2913, 2016 (Journal Indexed in SCI)
- XIII. **Investigation of the slow pyrolysis kinetics of olive oil pomace using thermo-gravimetric analysis coupled with mass spectrometry**
Ozveren U., ÖZDOĞAN Z. S.
BIOMASS & BIOENERGY, vol.58, pp.168-179, 2013 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Prediction of activation energy for combustion and pyrolysis by means of machine learning**
Kartal F., Özveren U.
Thermal Science and Engineering Progress, vol.33, 2022 (Refereed Journals of Other Institutions)
- II. **An improved machine learning approach to estimate hemicellulose, cellulose, and lignin in biomass**
Kartal F., Özveren U.
Carbohydrate Polymer Technologies and Applications, vol.2, no.100148, 2021 (Refereed Journals of Other Institutions)
- III. **Investigation of Oak Wood Biochar Gasification in Downdraft Gasifier Using Aspen Plus Simulation**
Sezer S., Fuçucu N. N. , Özveren U.
Bioenergy Studies, vol.1, no.1, pp.15-23, 2021 (Refereed Journals of Other Institutions)
- IV. **Novel multistage kinetic models for biomass pyrolysis and CO₂ gasification by means of reaction pathways**
Kartal F., Özveren U.
Bioresource Technology Reports, vol.15, no.100804, 2021 (Refereed Journals of Other Institutions)
- V. **Investigation of Hazelnut Husk Combustion by using A Novel Non-linear Kinetic Model through Thermogravimetric Analysis**
Sezer S., Özveren U.
Sakarya University Journal of Science, vol.25, no.2, 2021 (Other Refereed National Journals)
- VI. **A comparative study for biomass gasification in bubbling bed gasifier using Aspen HYSYS**
Kartal F., Özveren U.
Bioresource Technology Reports, vol.13, pp.100615, 2021 (Refereed Journals of Other Institutions)
- VII. **Synthesis of Polyaniline / Biochar composite material and modeling with nonlinear model for removal of copper (II) heavy metal ions**
Yakışık H., Özveren U.
Journal of the Turkish Chemical Society Section A: Chemistry, vol.8, no.1, pp.291-304, 2021 (Refereed Journals of Other Institutions)
- VIII. **Investigation of Çan Coal Gasification in Entrained Flow Gasifier by using Aspen PLUS®**
Kartal F., Cingisiz Ş., Özveren U.
Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.23, no.67, pp.309-318, 2021 (Other Refereed National Journals)
- IX. **Prediction of NO_x Emissions with A Novel ANN Model in Adana**
Sezer S., Kartal F., Yakışık H., Fuçucu N. N. , Dalbudak Y., Yaşar S., Özveren U.
Hittite Journal of Science and Engineering, vol.4, no.7, pp.265-270, 2020 (Refereed Journals of Other Institutions)
- X. **Energy and Exergy Analysis on Bubbling Fluidized Bed Gasifier Using Aspen Plus Simulation**

Sezer S., Özveren U.

Journal of the Turkish Chemical Society Section B: Chemical Engineering, vol.3, no.2, pp.55-64, 2020 (Refereed Journals of Other Institutions)

XI. Simulation of rice straw gasification in bubbling bed reactor using ASPEN PLUS

SEZER S., ÖZVEREN U.

INTERNATIONAL JOURNAL of ENGINEERING and NATURAL SCIENCES (IJENS), vol.2, no.2, pp.7-14, 2019 (Other Refereed National Journals)

XII. Investigation of the Chemical Exergy of Torrefied Lignocellulosic Fuels using Artificial Neural Networks

ÖZVEREN U., DİLMAÇ Ö. F. , MERT M. S. , KARACA ALBAYRAK F.

Journal of the Turkish Chemical Society, Section B: Chemical Engineering, vol.1, no.1, pp.69-76, 2017 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

I. Gasification of Torrefied Microalgae in an Entrained Flow Gasifier by Means of Aspen HYSYS

Kartal F., Özveren U.

The 6th International Hydrogen Technologies Congress (IHTEC-2022), Çanakkale, Turkey, 23 - 26 January 2022

II. Investigation of Cattle Manure Gasification in a Downdraft Gasifier using Aspen Plus

Kartal F., Özveren U.

The 6th International Hydrogen Technologies Congress (IHTEC-2022), Çanakkale, Turkey, 23 - 26 January 2022

III. Problems Faced by Foreign Students While Pursuing a PhD in Chemical Engineering

Kartal F., Özveren U.

7th International Student Symposium, Samsun, Turkey, 1 - 03 October 2021, pp.69-70

IV. Investigation of Oak Wood Biochar Gasification in Downdraft Gasifier Using Aspen Plus Simulation

Sezer S., Fuçucu N. N. , Özveren U.

3rd Bioenergy Studies Symposium, Samsun, Turkey, 20 - 21 May 2021, vol.1, no.1, pp.15-23

V. Bakır (II) Ağır Metal İyonlarının Gideriminde Polianilin/Biyokömür Kompozit Malzemenin Sentezi ve Doğrusal Olmayan Model ile Modellenmesi

YAKIŞIK H., ÖZVEREN U.

31.Ulusal Kimya Kongresi, Turkey, 10 September 2019

VI. Modelling and Analysis of Imbat Coal Steam Gasification in Bubbling Fluidized Bed Gasifier

Sezer S., Özveren U.

5th International Conference on Advances in Mechanical Engineering (ICAME 2019), İstanbul, Turkey, 17 - 19 December 2019, pp.1146-1151

VII. Thermal Behaviour And Kinetics of Wheat Straw During Oxy-Combustion

Aydemir M., Özveren U.

5th International Conference on Advances in Mechanical Engineering, İstanbul, Turkey, 17 - 19 December 2019, pp.1694-1698

VIII. Investigation of Çan Coal Gasification Under CO₂ Atmosphere by Using Aspen Plus

Kartal F., Özveren U.

5th International Conference on Advances in Mechanical Engineering (ICAME 2019), İstanbul, Turkey, 17 - 19 December 2019, pp.1179-1185

IX. Investigation of Oil Sludge Gasification of Aspen Plus Software

Aydemir M., Özveren U.

5th International Conference on Advances in Mechanical Engineering (ICAME 2019), İstanbul, Turkey, 17 - 19 December 2019

X. KABARCIKLI AKIŞKAN YATAK GAZLAŞTIRICIDA SENTEZ GAZINDAKİ H₂ KONSANTRASYONUNUN YAPAY SİNİR AĞLARI KULLANILARAK İNCELENMESİ

SEZER S., ÖZVEREN U.

Yenilenebilir Enerji Kaynakları Sempozyumu (YEKSEM 2019), Turkey, 12 - 14 December 2019

- XI. **Kabarcıklı Akışkan Yatak Gazlaştırıcıda Sentez Gazındaki H₂ Konsantrasyonunun Yapay Sinir Ağları Kullanılarak İncelenmesi**
Sezer S., Özveren U.
Yenilenebilir Enerji Kaynakları Sempozyumu (YEKSEM 2019), Antalya, Turkey, 12 - 14 December 2019, pp.302-309
- XII. **Karbonlaştırılmış Mısır Koçanının Akışkan Yatak Gazlaştırıcıda Aspen Plus Yazılımı Kullanılarak İncelenmesi**
Aydemir M., Özveren U.
Yenilenebilir Enerji Kaynakları Sempozyumu (YEKSEM 2019), Antalya, Turkey, 12 - 14 December 2019, pp.310-313
- XIII. **KARBONLAŞTIRILMIŞ MISIR KOÇANININ AKIŞKAN YATAK GAZLAŞTIRICIDA ASPEN PLUS YAZILIMI KULLANILARAK İNCELENMESİ**
AYDEMİR M., ÖZVEREN U.
Yenilenebilir Enerji Kaynakları Sempozyumu (YEKSEM 2019), Turkey, 12 - 14 December 2019
- XIV. **Tavuk Gübresinin Buhar Atmosferi Altında Gazlaştırılmasının ASPEN PLUS Kullanılarak İncelenmesi**
Kartal F., Özveren U.
Yenilenebilir Enerji Kaynakları Sempozyumu (YEKSEM 2019), Antalya, Turkey, 12 - 14 December 2019, pp.415-419
- XV. **Matlab Yazılımı Kullanılarak Katı Oksit Yakıt Hücresi Performansının İncelenmesi**
Kartal F., Özveren U.
Elektrik Elektronik Mühendisliği Kongresi (EEMKON 2019), İstanbul, Turkey, 14 - 16 November 2019, pp.325-329
- XVI. **Aspen Plus Programı Kullanılarak Katı Oksit Yakıt Hücresinin Çalışma Performansının İncelenmesi**
Sezer S., Özveren U.
Elektrik Elektronik Mühendisliği Kongresi (EEMKON 2019), İstanbul, Turkey, 14 - 16 November 2019, pp.53-57
- XVII. **Fındık Çotanağının Karbonizasyonunun Model Yaklaşım Yöntemi İle Kinetiğinin İncelenmesi**
Öztürk B., Özveren U.
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.92
- XVIII. **Aspen Plus Simülasyonu Kullanılarak Kabarcıklı Akışkan Yatak Gazlaştırıcıda Enerji ve Ekserji Analizi**
Sezer S., Özveren U.
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.248
- XIX. **Bakır (II) ağır metal iyonlarının gideriminde Polianilin/Biyokömür kompozit malzemenin sentezi ve doğrusal olmayan model ile modellenmesi**
Yakışık H., Özveren U.
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.450
- XX. **Modeling of Walnut Shell Gasification in Bubbling Bed Reactor Using ASPEN PLUS**
Sezer S., Özveren U.
35th Turkish Physical Society International Physics Congress (TFD 35), Muğla, Turkey, 4 - 08 September 2019
- XXI. **Theoretical Investigation of PEM Fuel Cell Performance Using MATLAB Simulink Software**
Gök S., Özveren U.
35th Turkish Physical Society International Physics Congress (TFD 35), Muğla, Turkey, 4 - 08 September 2019, pp.355
- XXII. **Simulation of Municipal Solid Waste Gasification Using ASPEN PLUS**
Fuçucu N. N. , Özveren U.
35th Turkish Physical Society International Physics Congress (TFD 35), Muğla, Turkey, 4 - 08 September 2019, pp.233
- XXIII. **Investigation of Torrefaction Temperature for the Removal of Copper Ions From Aqueous Solution Using Almond Shell**
Yaşar S., Özveren U.
35th Turkish Physical Society International Physics Congress (TFD 35), Muğla, Turkey, 4 - 08 September 2019, pp.109

- XXIV. **Air Quality Prediction For Afyon Using Artificial Neural Networks**
Dalbudak Y., Özveren U.
35th Turkish Physical Society International Physics Congress (TFD 35), Muğla, Turkey, 4 - 08 September 2019, pp.94
- XXV. **Modeling and Simulation of Hazelnut Husk Gasification in A Fluidized Bed Gasifier Using Cycle Tempo**
Öztürk B., Özveren U.
35th Turkish Physical Society International Physics Congress (TFD 35), Muğla, Turkey, 4 - 08 September 2019, pp.234
- XXVI. **Modelling of A Biomass Gasification-Solid Oxide Fuel Cell Power System Using Artificial Neural Network**
Sezer S., Özveren U.
35th Turkish Physical Society International Physics Congress (TFD 35), Muğla, Turkey, 4 - 08 September 2019, pp.235
- XXVII. **Simulation of Rice Straw Gasification in Bubbling Bed Reactor Using ASPEN PLUS**
Sezer S., Tumurbat T., Kartal F., Özveren U.
International Conference on Energy and Sustainable Built Environment (ICESBE 2019)), İstanbul, Turkey, 19 - 20 June 2019
- XXVIII. **Simulation of Pine Cone Gasification In Fluidized Bed Gasifier By Using ASPEN PLUS**
Tumurbat T., Kartal F., Karaca Albayrak F., Özveren U.
International Conference on Energy and Sustainable Built Environment (ICESBE 2019), İstanbul, Turkey, 19 - 20 June 2019
- XXIX. **Prediction of NO_x Emissions With A Novel ANN Model in Adana**
Yakışık H., Yaşar S., Dalbudak Y., Özveren U.
International Conference on Energy and Sustainable Built Environment (ICESBE 2019), İstanbul, Turkey, 19 - 20 June 2019
- XXX. **Yapay Sinir Ağı Kullanarak Tekirdağ Kent Merkezinde SO₂'in Tahmin Edilmesi**
Yakışık H., Tumurbat T., Yaşar S., Özveren U.
7. Ulusal Biyomühendislik Öğrenci Kongresi, İzmir, Turkey, 3 - 04 May 2019
- XXXI. **Yapay Zeka Kullanılarak Gölcük'teki NO₂ Konsantrasyonunun Tahmini**
Yakışık H., Tumurbat T., Dalbudak Y., Özveren U.
7. Ulusal Biyomühendislik Öğrenci Kongresi, İzmir, Turkey, 3 - 04 May 2019
- XXXII. **Yapay Zeka Yaklaşımı ile Antalya'da PM₁₀ Konsantrasyonunun Tahmini**
Yakışık H., Atasoy A. N., Civil M., Özveren U.
7. Ulusal Biyomühendislik Öğrenci Kongresi, İzmir, Turkey, 3 - 04 May 2019
- XXXIII. **Prediction of SO₂ Emissions With A Novel ANN Model in Bursa**
Kartal F., Özveren U., Dalbudak Y., Yakışık H.
5th International Conference on Sustainable Development (ICSD 2019), Belgrade, Serbia, 17 - 21 April 2019
- XXXIV. **A New Model for the Estimation of NO_x emissions in Bursa**
Uygur D., Özveren U., Yakışık H., Fuçucu N. N.
5th International Conference on Sustainable Development (ICSD 2019), Belgrade, Serbia, 17 - 21 April 2019
- XXXV. **Estimation of Daily Particle Matter Concentration (PM_{2.5}) in Ankara Kecioren**
Yakışık H., Özveren U.
5th International Conference on Sustainable Development (ICSD 2019), Belgrade, Serbia, 17 - 21 April 2019, pp.16
- XXXVI. **Modeling and Estimation of Cr (VI) Efficiency Using Non-Linear Regression**
Yakışık H., Özveren U.
5th International Conference on Sustainable Development (ICSD 2019), Belgrade, Serbia, 17 - 21 April 2019, pp.15
- XXXVII. **Energy and Exergy Analysis of Air Gasification for Pine Cone in Downdraft Gasifier by Using Cycle Tempo**
Tumurbat T., Özveren U., Karaca Albayrak F.
5th International Conference on Sustainable Development (ICSD 2019), Belgrade, Serbia, 17 - 21 April 2019, pp.8-

- XXXVIII. **Evaluation of Wheat Straw Gasification in Fluidized bed Gasifier using Aspen Plus**
Uygur D., Özveren U.
5th International Conference on Sustainable Development (ICSD 2019), Belgrade, Serbia, 17 - 21 April 2019, pp.66-72
- XXXIX. **Simulation of Imbat Coal Gasification in Fluidized Bed Using Aspen Plus**
Kartal F., Özveren U.
5th International Conference on Sustainable Development (ICSD 2019), Belgrade, Serbia, 17 - 21 April 2019, pp.30-37
- XL. **Simulation of Almond Shell Gasification in Circulating Fluidized-bed Gasifier by Using Cycle-Tempo**
Tumurbat T., Özveren U., Karaca Albayrak F., Yakışık H., Dalbudak Y., Kartal F., Öztürk B.
5th International Conference on Sustainable Development, Belgrade, Serbia (ICSD 2019), Belgrade, Serbia, 17 - 21 April 2019, pp.1-7
- XLI. **Investigation of Downdraft Gasifier Modeling By Using Neural Networks**
Özveren U., Yakışık H.
4th Conference on Advances in Mechanical Engineering (ICAME 2018), İstanbul, Turkey, 19 - 21 December 2018, pp.1189
- XLII. **Assessments of Pyrolysis Kinetics and Mechanisms of Cellulose Using Thermogravimetry**
Özveren U., Dalbudak Y.
4th Conference on Advances in Mechanical Engineering (ICAME 2018), İstanbul, Turkey, 19 - 21 December 2018, pp.576-579
- XLIII. **Kinetic and Thermogravimetric Investigation of the Co-Combustion of Almond Shells and Imbat Coal Blend**
Özveren U., Kartal F.
4th Conference on Advances In Mechanical Engineering (ICAME 2018), İstanbul, Turkey, 19 - 21 December 2018, pp.1126
- XLIV. **Partial Combustion Behavior and Kinetic Analysis of Sunflower**
Fuçucu N. N. , Özveren U.
4th Conference on Advances in Mechanical Engineering (ICAME 2018), İstanbul, Turkey, 19 - 21 December 2018
- XLV. **Kinetic Analysis of Wheat Straw Pyrolysis Using Model Free Methods**
Özveren U., Uygur D.
4th Conference on Advances in Mechanical Engineering (ICAME 2018), İstanbul, Turkey, 19 - 21 December 2018, pp.1090
- XLVI. **Estimation of Zn(II) Removal Efficiency from Waste Water By Using Non-Linear Regression Model**
Özveren U., Aydoğan E.
4th Conference On Advances in Mechanical Engineering (ICAME 2018), İstanbul, Turkey, 19 - 21 December 2018, pp.646
- XLVII. **Prediction of As(III) Removal Efficiency From Water Using Non-Linear Regression Model**
Özveren U., Kılmen G.
4th Conference on Advances in Mechanical Engineering (ICAME2018), İstanbul, Turkey, 19 - 21 December 2018, pp.654
- XLVIII. **Prediction of Syngas Heating Value for Downdraft Gasifier By Using Artificial Intelligence Approach**
Özveren U., Fuçucu N. N.
4th Conference on Advances in Mechanical Engineering (ICAME 2018), İstanbul, Turkey, 19 - 21 December 2018
- XLIX. **Modeling and Estimation of Methyl Orange Removal Efficiency Using Non-Linear Regression**
Yakışık H., Dalbudak Y., Kzyz P. B. , Özveren U.
4th Conference on Advances in Mechanical Engineering (ICAME 2018), İstanbul, Turkey, 19 - 21 December 2018, pp.764
- L. **Investigation of Downdraft Gasifier Modeling By Using Neural Network**
YAKIŞIK H., ÖZVEREN U.
4th International Conference on Advances in Mechanical Engineering (ICAME 2018), İstanbul, Turkey, 19

December 2018

- L.I. **Investigation of Gas Engine for A Biomass Feedstock Downdraft Gasifier Fueled with Hazelnut Shells**
Fuçucu N. N. , Özveren U.
34th Turkish Physical Society International Physics Congress (TFD 34), Muğla, Turkey, 5 - 09 September 2018,
pp.502
- L.II. **Investigation of Biomass Gasification Gas Cleaning for Downdraft Gasifier By Using Cycle-Tempo**
Dalbudak Y., Özveren U.
34th Turkish Physical Society International Physics Congress (TFD 34), Muğla, Turkey, 5 - 09 September 2018,
pp.502
- L.III. **Co-gasification of Tuncbilek Lignite with Hazelnut Shells in Fluidized Bed Reactor using Aspen Plus**
Bayar N., Özveren U.
34th Turkish Physical Society International Physics Congress (TFD 34), Muğla, Turkey, 5 - 09 September 2018,
pp.319
- L.IV. **Syngas Production from Downdraft Gasification of Hazelnut Shells**
Dalbudak Y., Özveren U.
34th Turkish Physical Society International Physics Congress (TFD 34), Muğla, Turkey, 5 - 09 September 2018,
pp.324
- L.V. **Performance Assessment of A Solid Oxide Fuel Cell Fed By Syngas From Hazelnut Shells Feedstock in A Downdraft Gasifier**
Fuçucu N. N. , Özveren U.
34th Turkish Physical Society International Physics Congress (TFD 34), Muğla, Turkey, 5 - 09 September 2018,
pp.323
- L.VI. **A New Non-Linear Estimation Algorithm for Thermal Resistance of Cotton Fabrics**
Dalbudak Y., Fuçucu N. N. , Özveren U.
4th International Symposium on Composite Materials (KOMPEGE 2018), İstanbul, Turkey, 6 - 08 September 2018,
pp.78
- L.VII. **Improved Estimation of Ionic Conductivity for Solid Polymer Electrolyte System**
Fuçucu N. N. , Dalbudak Y., Aydın M. A. , Özveren U.
4th International Symposium on Composite Materials (KOMPEGE 2018), İzmir, Turkey, 6 - 08 September 2018,
pp.126
- L.VIII. **Estimation of Pb(II) And Cu(II) Removal Efficiency By Using Non-Linear Regression Model**
Uygur D., Çetinbaş S., Kartal F., Özveren U.
4th International Symposium on Composite Materials (KOMPEGE 2018), İzmir, Turkey, 6 - 08 September 2018,
pp.113
- L.IX. **Prediction of Phosphate Removal Efficiency for The Hydrated Ferric Oxide-based Nanocomposite by Using Non-linear Regression Model**
Ergün E., Aydoğan E., Kilmen G., Özveren U.
4th International Symposium on Composite Materials (KOMPEGE 2018), İzmir, Turkey, 6 - 08 September 2018,
pp.51
- L.X. **Performance Assessment of A Solide Oxide Fuel Cell Fed By Syngas From Hazelnut Shells Feedstock in A Downdraft Gasifier**
Fuçucu N. N. , ÖZVEREN U.
34th Turkish Physical Society International Physics Congress (TFD 34), Muğla, Turkey, 05 September 2018
- L.XI. **BİYOKÜTLELERİN KİMYASAL EKSERJİ DEĞERLERİNİN MODELLENMESİ**
Fuçucu N. N. , UYGUR D., Çetinbaş S., Aydın M. A. , Kartal F., ÖZVEREN U.
6. Ulusal Biyomühendislik Öğrenci Kongresi, Turkey, 5 - 06 April 2018
- L.XII. **Modeling of Chemical Exergy Values of Biomass**
Fuçucu N. N. , Uygur D., Çetinbaş S., Aydın M. A. , Kartal F., Özveren U.
6. Ulusal Biyomühendislik Öğrenci Kongresi (IEEE BIOENGCONGRESS), İstanbul, Turkey, 5 - 06 April 2018
- L.XIII. **The Radiological Impact Assessment for Drinking Water in the Selected Mediterranean Countries**
Bayar N., Uygur D., Kartal F., Özveren U.

International Water and Environment Congress (SUCEV2018), Bursa, Turkey, 22 - 24 March 2018, pp.681-684

- LXIV. **Taking A Non-Linear Approach to Waste Water Treatment In Turkey By Using Research and Development Expenditure**
Öztürk B., Menteşoğlu Ç., Yakışık H., Özveren U.
International Water and Environment Congress (SUCEV2018), Bursa, Turkey, 22 - 24 March 2018
- LXV. **TÜRK KÖMÜRLERİNİN KİMYASAL EKSERJİLERİNİN HESAPLANMASI İÇİN YENİ BİR MODEL GELİŞTİRİLMESİ**
Yaman M., PESEN E. B. , ÖZVEREN U., KARACA ALBAYRAK F.
8. Ulusal Kimya Öğrenci Kongresi, Turkey, 16 - 18 May 2017
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