

# Asst. Prof. UĞUR ÖZVEREN

## 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

Post Graduate, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (YI) (Tezli), Turkey 2003 - 2006

Under Graduate, Yıldız Teknik Üniversitesi, Kimya-Metalurji Fakültesi, 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

## 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

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

- **An artificial intelligence approach to predict gross heating value of lignocellulosic fuels**  
ÖZVEREN U.  
JOURNAL OF THE ENERGY INSTITUTE, vol.90, pp.397-407, 2017 (Journal Indexed in SCI)
- **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, pp.2906-2913, 2016 (Journal Indexed in SCI)
- **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

- **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, pp.69-76, 2017 (Other Refereed National Journals)

## Refereed Congress / Symposium Publications in Proceedings

- **Investigation of Çan Coal Gasification Under CO<sub>2</sub> Atmosphere by Using Aspen Plus**  
KARTAL F., ÖZVEREN U.  
5th International Conference on Advances in Mechanical Engineering, 17 - 19 December 2019
- **Thermal Behaviour And Kinetics of Wheat Straw During Oxy-Combustion**  
AYDEMİR M., ÖZVEREN U.  
5th International Conference on Advances in Mechanical Engineering, 17 - 19 December 2019
- **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, 17 - 19 December 2019
- **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, 4 - 08 September 2019
- **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, 19 - 20 June 2019
- **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, 19 - 20 June 2019
- **Prediction of NO<sub>x</sub> Emissions With A Novel ANN Model in Adana**  
YAKIŞIK H., YAŞAR S., DALBUDAK Y., ÖZVEREN U.  
International Conference on Energy and Sustainable Built Environment, 19 - 20 June 2019
- **SIMULATION OF IMBAT COAL GASIFICATION IN FLUIDIZED BED GASIFIER USING ASPEN PLUS**  
KARTAL F., ÖZVEREN U.  
5th International Conference on Sustainable Development, 17 - 21 April 2019
- **EVALUATION OF WHEAT STRAW GASIFICATION IN FLUIDIZED BED GASIFIER USING ASPEN PLUS**  
UYGUR D., ÖZVEREN U.  
5th International Conference on Sustainable Development, 17 - 21 April 2019
- **Energy and Exergy Analysis of Air Gasification for Pine Cone in Downdraft Gasifier by Using Cycle Tempo**  
TUMURBAT T., KARACA ALBAYRAK F., ÖZVEREN U.  
5th International Conference on Sustainable Development, 17 - 21 April 2019
- **Estimation of Daily Particle Matter Concentration (PM<sub>2.5</sub>) in Ankara Kecioren**  
YAKIŞIK H., ÖZVEREN U.  
5th International Conference on Sustainable Development, 17 - 21 April 2019
- **Modeling and Estimation Of Methyl Orange Removal Efficiency Using Non-Linear Regression**  
YAKIŞIK H., DALBUDAK Y., KYZY P. B. , ÖZVEREN U.  
4th Conference On Advances In Mechanical Engineering, 19 - 21 December 2018
- **Estimation of Zn(II) Removal Efficiency From Waste Water By Using Non-Linear Regression Model**  
AYDOĞAN E., ÖZVEREN U.  
4th Conference On Advances In Mechanical Engineering, Yıldız Technical University (ISTANBUL), 19 - 21 December 2018
- **Prediction of As(III) Removal Efficiency From Water Using Non-Linear Regression Model**  
Kılmen G., ÖZVEREN U.

ICAME2018, 4th Conference On Advances In Mechanical Engineering, 19 - 21 December 2018

- **Investigation Of Downdraft Gasifier Modeling By Using Neural Networks**

YAKIŞIK H., ÖZVEREN U.

4th Conference On Advances In Mechanical Engineering, 19 - 21 December 2018

- **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

- **Estimating the Chemical Exergy of Coal Using Nonlinear Model**

ÖZVEREN U., KARACA ALBAYRAK F.

International Conference on Advances and Innovations in Engineering, 10 - 12 May 2017

- **Investigation of the Chemical Exergy of Torrefied Lignocellulosic Fuels using Artificial Neural Networks**

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

International Conference on Advances and Innovations in Engineering, 10 - 12 May 2017

- **Thermogravimetric Analysis Coupled With Mass Spectrometry**

GÜNDÜZ D., ÖZVEREN U., ÖZDOĞAN Z. S.

IV. International Energy Technologies Conference ENTECH '16, 15 - 16 December 2016

- **Investigation of the pyrolysis and gasification of a Turkish coal using thermal analysis coupled with mass spectrometry**

Özdoğan S., ÖZVEREN U., Boztepe A., Beypinar M.

27th Annual International Pittsburgh Coal Conference 2010, PCC 2010, İstanbul, Turkey, 11 October 2010, vol.2, pp.1160-1167

## Citations

Total Citations (WOS):41

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