

## Lect. DOĞAN EMRE YÜKSEL

### Personal Information

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### Education Information

Doctorate, Ege University, Faculty Of Engineering, Kimya Mühendisliği Bölümü, Turkey 2016 - Continues

Post Graduate, Ege University, Fen Bilimleri Enstitüsü, Kimya Mühendisliği Anabilim Dalı, Turkey 2013 - 2015

Under Graduate, Ege Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü (İngilizce), Turkey 2006 - 2012

Under Graduate, Politecnico di Torino, Engineering, CHEMICAL AND FOOD ENGINEERING, Italy 2010 - 2011

### Dissertations

Post Graduate, Investigation of the effect of pressure, temperature and catalyst on evolution of hydrogen and methane in supercritical water gasification of red kidney beans and peas wastes, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, 2015

### Research Areas

Chemical Engineering and Technology, Chemical Technologies, Engineering and Technology

### Academic Titles / Tasks

Lecturer, Ege Üniversitesi, Aliğa Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2013 - Continues

### Courses

İşletme Ekipmanları ve Kullanımı, Associate Degree

Fluid Mechanics, Associate Degree

Introduction to Chemical Technologies, Associate Degree

Proses ve Tesis Kontrol, Associate Degree

Heat and Mass Transfer Operations, Associate Degree

Hata Teşhisi Düzeltme Teknikleri, Associate Degree

### Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of levulinic acid production from safflower stalks**  
Yüksel D. E. , Ballice L., Sağlam M., Yüksel M.  
2. INTERNATIONAL ICONTECH SYMPOSIUM ON INNOVATIVE SURVEYS IN POSITIVE SCIENCES , 23 - 26 September 2020, vol.1, pp.207-209
- II. **Bezelye Atıklarının Kritiküstü Su Gazlaştırılmasında Sıcaklığın ve Katalizörün Hidrojen ve Metan oluşumuna Etkisinin Araştırılması**  
Yüksel D. E. , Gökkaya D., Sağlam M., Yüksel M., Ballice L.  
11. ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ, Eskişehir, Turkey, 2 - 05 September 2014, pp.100-102
- III. **Supercritical Water Gasification of Red Kidney Bean Shells by Using Alkali Catalysts**  
Yüksel D. E. , Gökkaya D., Sağlam M., Yüksel M., Ballice L.  
International Conference on Applications in Chemistry and Chemical Engineering, Sarajevo, Bosnia And Herzegovina, 11 - 15 October 2017, pp.8
- IV. **Supercritical water gasification of Pea Shells by Using Mineral Catalysts**  
Gökkaya D., Yüksel D. E. , Yüksel M., Sağlam M., Ballice L.  
4th International Conference on Industrial and Hazardous Waste Management CRETE 2014, Hania, Greece, 2 - 05 September 2014
- V. **Gasification of Red Kidney Bean Shells in Supercritical Water by Using Mineral Catalysts**  
Gökkaya D., Yüksel D. E. , Yüksel M., Sağlam M., Ballice L.  
IESSE7 2014: 7th International Ege Energy Symposium Exhibition, Uşak, Turkey, 18 - 20 May 2014

## Supported Projects

BALLICE L., YÜKSEL D. E. , Project Supported by Higher Education Institutions, Tarımsal atıkların değerli kimyasallara termokimyasal dönüşümünde aromatik sülfonik asitlerin katalitik etkilerinin araştırılması (Investigation on Catalytic Effects of Aromatic Sulfonic Acids in Thermochemical Conversion of Agricultural Wastes to Valuable Chemicals), 2019 - Continues

BALLICE L., CENGİZ N., YÜKSEL D. E. , SERT M., Project Supported by Higher Education Institutions, Lignoselülozik Biyokütlelerden Levulinik Asit Üretiminin İncelenmesi, 2019 - Continues

Yüksel D. E. , Ballice L., Project Supported by Higher Education Institutions, INVESTIGATION OF THE EFFECT OF PRESSURE, TEMPERATURE AND CATALYST ON EVOLUTION OF HYDROGEN AND METHANE IN SUPERCRITICAL WATER GASIFICATION OF RED KIDNEY BEANS AND PEAS WASTES, 2013 - 2014

## Invited Congress and Symposium Activities

Supercritical Water Gasification of Red Kidney Bean Shells by Using Alkali Catalysts , Working Group, Sarajevo, Bosnia And Herzegovina, 2017

Bezelye Atıklarının Kritiküstü Su Gazlaştırılmasında Sıcaklığın ve Katalizörün Hidrojen ve Metan oluşumuna Etkisinin Araştırılması, Attendee, Eskişehir, Turkey, 2014

Gasification of Red Kidney Bean Shells in Supercritical Water by Using Mineral Catalysts, Attendee, Uşak, Turkey, 2014

Supercritical water gasification of Pea Shells by Using Mineral Catalysts, Working Group, Hania, Greece, 2014