

## Lect. PhD KADİR YILMAZ

### Personal Information

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### International Researcher IDs

ScholarID: ZF7XPkMAAAAJ

ORCID: 0000-0003-0275-0916

Publons / Web Of Science ResearcherID: KOZ-9525-2024

ScopusID: 57802980100

Yoksis Researcher ID: 317336

### Education Information

Doctorate, İstanbul University-Cerrahpaşa, Institute Of Graduate Education, Department Of Chemical Engineering, Turkey  
2013 - 2023

Postgraduate, İstanbul University, Institute Of Graduate Studies In Sciences, Kimya Mühendisliği/Proses Ve Reaktör  
Tasarımı, Turkey 2010 - 2013

Undergraduate, İstanbul University, Mühendislik Fakültesi , Kimya Mühendisliği, Turkey 2003 - 2008

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Borakstan Tek Aşamada Sodyum Bor Hidrür Üretimi ve Proses Parametrelerinin Belirlenmesi, İstanbul  
University-Cerrahpaşa, Institute Of Graduate Education, 2023

Postgraduate, İran Ağır Petrol Kalıntısının Hidrokraking Reaksiyonlarının İncelenmesi, İstanbul University, Fen Bilimleri  
Enstitüsü, Kimya Mühendisliği/Proses Ve Reaktör Tasarımı, 2013

### Research Areas

Chemical Engineering and Technology, Process and Reactor Design, Engineering and Technology

### Academic Titles / Tasks

Lecturer, Canakkale Onsekiz Mart University, insan ve Toplum Bilimleri Fakültesi-----, Science and  
Technology Application and Research Center, 2020 - Continues

## Courses

Occupational Hazard and Risk Assessment, Undergraduate, 2023 - 2024

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of bioethanol production from sugar beet processing by-product molasses using response surface methodology**  
Altınışık S., Uğur Nigiz F., Gürdal S., Yılmaz K., Tuncel N. B., Koyuncu S.  
BIOMASS CONVERSION AND BIOREFINERY, vol.0, no.0, 2024 (SCI-Expanded)
- II. **Hydrogenation reactions of kerosene on nickel-based catalysts**  
Komurcu H., Yılmaz K., Gürdal S., Yaşar M.  
International Journal of Hydrogen Energy, vol.48, no.60, pp.22934-22941, 2023 (SCI-Expanded)
- III. **The Effect of Ionic Liquids Incorporation on the Self-healing Behavior of the Bitumen**  
Arca S., Gürdal S., Canıaz R. O., Yılmaz K., Kömürçü H., Çetintaş R., Başkent Aydemir E., Yaşar M.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, no.49, pp.299-309, 2023 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Uncovering the Hydrocracking Efficiency of Iron-Based Catalysts: A Novel Approach to Asphaltene Transformation in Iranian Heavy Oil**  
Yılmaz K., Gürdal S., Yaşar M.  
Journal of advanced research in natural and applied sciences (Online), vol.10, no.2, pp.1-8, 2023 (Peer-Reviewed Journal)
- II. **Heavy Oil Residue Upgrading With Iron Based Catalysts Under High Hydrogen Pressure**  
Gürdal S., Yılmaz K., Akmaz S., Yaşar M.  
Journal of advanced research in natural and applied sciences (Online), vol.7, no.4, pp.527-535, 2021 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Hydrotreating of Kerosene with Nickel Based Catalysts**  
Kömürçü H., Yılmaz K., Gürdal S., Yaşar M.  
6th. International Hydrogen Technologies Congress, Çanakkale, Turkey, 23 - 26 January 2022, pp.11-14
- II. **Investigating Various Catalysts for Slurry Phase Hydrocracking of Iranian Heavy Oil Resid and Its Asphaltenes**  
Haktanır M., Yılmaz K., Gürdal S., Akmaz S., Yaşar M.  
2013 AICHE ANNUAL MEETING, California, United States Of America, 3 - 08 November 2013, pp.9-18
- III. **The Investigation of Slurry Hydrocracking Reactions of Iranian Heavy Oil Resid**  
YILMAZ K., Akmaz S., Gürdal S., Haktanır M., Yaşar M.  
IUPAC 44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1394
- IV. **The Investigation of Slurry Hydrocracking Reactions of Iranian Asphaltene**  
Gürdal S., Akmaz S., YILMAZ K., Haktanır M., Yaşar M.  
IUPAC 44th World Chemistry Congress, İstanbul, Turkey, 11 - 16 August 2013, pp.1395

## Supported Projects

GÜRDAL S., YILMAZ K., KILLIOĞLU D. M. E., Project Supported by Higher Education Institutions, Basınç Ortamında Sodyum Bor Hidrürden Hidrojen Eldesi ve Proses Parametrelerinin İncelenmesi, 2023 - Continues

Erginal A. E., Özcan H., Kavdır Y., ERENOĞLU R. C., YILMAZ K., Erasmus Project, Encouraging Young Farmers to Produce

Compost for Healthy Soil and Organic Food Using Innovative Solutions, 2022 - 2024

Yılmaz K., Yaşar M., Project Supported by Higher Education Institutions, Borakstan Tek Aşamada Sodyum Bor Hidrür Üretimi ve Proses Parametrelerinin Belirlenmesi, 2016 - 2023

Yılmaz K., Erol Y., Project Supported by Other Official Institutions, İstanbul Teknokent Uluslararası Hızlandırma Programı, 2018 - 2020

YILMAZ K., TUBITAK Project, İstanbul Üniversitesi Teknoloji Transfer Merkezi, 2014 - 2020

Erol Y., Kömürcü H., Gürdal S., Yılmaz K., TUBITAK Project, BİGGİST, 2016 - 2019

Yaşar M., Gürdal S., Yılmaz K., Development Agency, İstanbul Üniversitesi Ön kuluçka Merkezi, 2015 - 2016

YILMAZ K., TUBITAK Project, Fen ve Mühendislik Bilimlerinde TÜBİTAK Bilimsel Araştırma Projeleri Hazırlama Eğitimi: İstanbul Üniversitesi, 2015 - 2015

Yılmaz K., Project Supported by Higher Education Institutions, Investigation of Hydrocracking Reactions of Iranian Heavy Oil Resid, 2012 - 2013

## Metrics

Publication: 9

Citation (Scopus): 1

H-Index (Scopus): 1

## Non Academic Experience

TTO İstanbul Proje Geliştirme ve Yatırım A.Ş.

İstanbul Üniversitesi Teknoloji Transfer Ofisi

İstanbul Teknokent A.Ş.