

Assoc. Prof. Hakan TEMÜR

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Ataturk University, Fen Bilimleri , Kimya Mühendisliği, Turkey 1998 - 2003

Postgraduate, Ataturk University, Fen Bilimleri , Kimya Mühendisliği, Turkey 1995 - 1998

Undergraduate, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 1990 - 1995

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Oksitli ve Sülfürlü Cevherlerinden Bakır Üretiminde Yeni Bir Metod, Atatürk Üniversitesi, Kimya Mühendisliği, Proses Ve Reaktör Tasarımı, 2003

Research Areas

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

Academic Titles / Tasks

Associate Professor, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, 2017 - Continues

Assistant Professor, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, 2004 - 2017

Academic and Administrative Experience

Assistant Director of the Institute, Ataturk University, Fen Bilimleri Enstitüsü, 2018 - 2021

Courses

Introduction to Chemical Engineering, Undergraduate, 2023 - 2024
Professional English II, Undergraduate, 2022 - 2023
Professional English I, Undergraduate, 2022 - 2023
Analitical Chemistry and Instrumental Analysis, Undergraduate, 2021 - 2022
Alternative Energy Technologies, Undergraduate, 2020 - 2021
Graduate Project-II, Undergraduate, 2020 - 2021
Kimya Mühendisliği Laboratuvarı-III, Undergraduate, 2020 - 2021
Graduate Project-I, Undergraduate, 2020 - 2021
Energy Storage Technologies, Postgraduate, 2020 - 2021
General Chemistry, Undergraduate, 2020 - 2021
Numerical Methods, Undergraduate, 2017 - 2018
General Chemistry, Undergraduate, 2018 - 2019

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2020
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, January, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Removal of water by using cationic resin during biodiesel purification
OKUMUŞ Z. Ç., DOĞAN T. H., TEMÜR H.
Renewable Energy, vol.143, pp.47-51, 2019 (SCI-Expanded)
- II. Comparative engine characteristics of biodiesels from hazelnut, corn, soybean, canola and sunflower oils on DI diesel engine
Efe Ş., Ceviz M. A., Temür H.
Renewable Energy, vol.119, pp.142-151, 2018 (SCI-Expanded)
- III. The effects of long-term storage on the cold flow properties and viscosity of canola-based biodiesel
KANCA A., TEMÜR H.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.38, no.15, pp.2205-2210, 2016 (SCI-Expanded)
- IV. Cold flow properties of biodiesel obtained from corn oil
RASIMOGLU N., TEMÜR H.
ENERGY, vol.68, pp.57-60, 2014 (SCI-Expanded)
- V. Effect of fractional winterization of beef tallow biodiesel on the cold flow properties and viscosity
DOĞAN T. H., TEMÜR H.
Fuel, vol.108, pp.793-796, 2013 (SCI-Expanded)
- VI. Autothermal Reforming of Methane in a Reverse-Flow Reactor
LİÜ T., Temur H., Veser G.
CHEMICAL ENGINEERING & TECHNOLOGY, vol.32, no.9, pp.1358-1366, 2009 (SCI-Expanded)
- VII. Alkali-Catalyzed Biodiesel Production from Mixtures of Sunflower Oil and Beef Tallow
Taravus S., TEMÜR H., YARTAŞI A.
ENERGY & FUELS, vol.23, no.8, pp.4112-4115, 2009 (SCI-Expanded)
- VIII. The kinetics of dissolution of colemanite in H₃PO₄ solutions
Temur H., YARTAŞI A., Copur M., KOCAKERİM M. M.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.39, no.11, pp.4114-4119, 2000 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of leaching conditions of chalcopyrite by chlorine gas in aqueous medium**
TEMÜR H., YARTAŞI A., KOCAKERİM M. M.
International Journal of Chemistry and Technology, vol.1, pp.67-73, 2017 (Peer-Reviewed Journal)
- II. **A study on the optimum conditions of the cementation of copper in chlorination solution of chalcopyrite concentrate by iron scraps**
TEMÜR H., YARTAŞI A., KOCAKERİM M. M.
Balıkesir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.8, pp.63-73, 2006 (Peer-Reviewed Journal)
- III. **A kinetic study of oxidized copper ore in ammonium chloride solutions**
YARTAŞI A., ÇOPUR M., KOCAKERİM M. M., ÖZMETİN C., TEMÜR H.
Energy, Education, Science and Energy, vol.3, no.2, pp.55-65, 1999 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Uses and Applications of the Corn Oil**
TEMÜR H.
in: Corn and Coconut Oil Antioxidant Properties Uses and Health Benefits, Constantin Apetrei , Editor, Nova Science Publishers, New-York, pp.79-92, 2015

Refereed Congress / Symposium Publications in Proceedings

- I. **Leaching Of Wasted Lithium Ion Battery Cathode Metals By Aqueous Solutions Saturated With Flue Gas**
Temür H., Dursunoğlu M. N.
SİVAS INTERNATIONAL CONFERENCE ON SCIENTIFIC AND INNOVATION RESEARCH, Sivas, Turkey, 13 - 15 October 2022, pp.3-37
- II. **Separation of water in raw biodiesel using cationic resin**
Çelik Okumuş Z., DOĞAN T. H., TEMÜR H.
ITESDES-18, Giresun, Turkey, 28 - 30 June 2018
- III. **REMOVAL OF WATER FROM RAW BIODIESEL BY SUNFLOWERHULLS**
DIZMAN A., TEMÜR H.
International Conference on Applications in Chemistry and Chemical Engineering, Sarajevo, Bosnia And Herzegovina, 11 January 2017 - 15 January 2018
- IV. **The Effect of Sunflower Biodiesel on Cyclic Variation Using Wavelet Analysis Method**
EFE Ş., TEMÜR H.
6st International Conference On Renewable Fuels Combustion and Fire (FCE), 18 - 21 May 2017, pp.112-119
- V. **Comparision of Engine Performance and Exhaust Emission Values of Sunflower Biodiesels with Diesel Fuel**
EFE Ş., TEMÜR H.
6st International Conference On Renewable Fuels Combustion and Fire (FCE), Nevşehir, Kapadokya, Turkey, 18 - 21 May 2017, pp.101-111
- VI. **Fractional Winterization of Beef Tallow Biodiesel**
DOĞAN T. H., Temur H.
International Conference on Recycling and Reuse, 4 - 06 June 2012
- VII. **Yağlardan Soğuk Akış Özellikleri Optimize Edilmiş Biyodizel Üretilimi**
RASIMOĞLU N., TEMÜR H.
ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ-9 – GAZİ ÜNİVERSİTESİ, Ankara, Turkey, 20 - 22 June 2010
- VIII. **The Dissolution Kinetics of Chalcopyrite Concentrate in Aqueous Chlorination Solutions of**

Chalcopyrite Concentrate

TEMÜR H., YARTAŞI A., KOCAKERİM M. M.

1 st International Symposium on Sustainable Development, Sarajova, Bosnia And Herzegovina, 9 - 10 June 2009

- IX. **Determination of the Optimum Conditions of the Dissolution of Chalcopyrite Concentrate in Aqueous Solutions Saturated with Chlorine Gas**

TEMÜR H., YARTAŞI A., KOCAKERİM M. M.

1 st International Symposium on Sustainable Development, Sarajova, Bosnia And Herzegovina, 9 - 10 June 2009

- X. **Autothermal Methane Reforming in a Reverse Flow Reactor**

LIU T., TEMÜR H., VESER G.

AIChE 2005 Annual Meeting, Cincinnati, United States Of America, 03 November 2005

Supported Projects

TEMÜR H., YILMAZ S., Project Supported by Higher Education Institutions, Biyokütle Esashı Karbon Katkılı LiCoO₂ Katodun Elektrokimyasal Performansının İncelenmesi, 2021 - 2023

EFE Ş., KIZILASLAN A., TEMÜR H., Project Supported by Higher Education Institutions, Li₆PS₅Cl Katı Elektrolitli LiS Batarya Üretiminde Tane Boyutunun Batarya Performansına Etkisinin İncelenmesi, 2019 - 2022

TEMÜR H., DOĞAN T. H., Project Supported by Higher Education Institutions, KURŞUN ASİT BATARYALI ELEKTRİKLİ ARAÇ TASARIMI, 2010 - 2012

Metrics

Publication: 24

Citation (WoS): 239

Citation (Scopus): 286

H-Index (WoS): 7

H-Index (Scopus): 7

Non Academic Experience

Kırgızistan-Türkiye Manas Üniversitesi

Waterloo Üniversitesi (Kanada)

Pittsburgh Üniversitesi (ABD)