

## Asst. Prof. Özlem KARAGÖZ

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Kimyasal Teknolojiler Anabilim Dalı, Turkey 2012 - 2018

Postgraduate, Ataturk University, Fen Bilimleri Enstitüsü, Kimyasal Teknolojiler Anabilim Dalı, Turkey 2008 - 2012

Undergraduate, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2004 - 2008

### Dissertations

Doctorate, KOLEMANİTİN POTASYUM DİHİDROJEN FOSFAT ÇÖZELTİLERİNDE ÇÖZÜNME KİNETİĞİ OPTİMİZASYONU VE POTASYUM PENTABORAT ELDESİ, Atatürk Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, 2018

Postgraduate, Atık Üleksit ile SO<sub>2</sub> Tutulmasının Optimizasyon ve Kinetiğinin İncelenmesi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Kimyasal Teknolojiler Anabilim Dalı, 2012

### Research Areas

Chemical Engineering and Technology, Chemical Technologies, Engineering and Technology

### Courses

KİMYA MÜH. LAB I, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

KİMYA MÜH LAB III, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Kimya Müh. Lab. II, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

KİMYA MÜHENDİSLİĞİNE GİRİŞ, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Genel Kimya Lab. I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

KİMYA LAB., Undergraduate, 2020 - 2021, 2019 - 2020

ORGANİK KİMYA LAB., Undergraduate, 2020 - 2021

ENSTRÜMENTAL ANALİZ, Undergraduate, 2019 - 2020

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

1. Investigation of the water quality of Aktutan pond located in Gümüşhane province in the North East

#### **region of Turkey by Hazen statistical method**

Oskay V., KARAGÖZ Ö., KUŞLU S.

Environmental Earth Sciences, vol.82, no.5, 2023 (SCI-Expanded)

#### **II. Synthesis of pure potassium pentaborate (KB5) from potassium dihydrogen phosphate (KH<sub>2</sub>PO<sub>4</sub>) and colemanite**

Karagöz Ö., Kuşlu S.

CHEMICAL PAPERS, vol.75, pp.5963-5969, 2021 (SCI-Expanded)

#### **III. Kinetic analysis of retention of SO<sub>2</sub> using waste ulexite ore in an aqueous medium**

KARAGÖZ Ö., Copur M., Kocakerim M. M.

JOURNAL OF HAZARDOUS MATERIALS, vol.353, pp.214-226, 2018 (SCI-Expanded)

#### **IV. Dissolution kinetics of colemanite in potassium dihydrogen phosphate solution (KH<sub>2</sub>PO<sub>4</sub>)**

KARAGÖZ Ö., KUŞLU S.

International Journal of Hydrogen Energy, vol.42, no.36, pp.23250-23259, 2017 (SCI-Expanded)

#### **V. Determination of Optimal Conditions for Retention of Sulfur Dioxide by Waste Ulexite Ore in an Aqueous Medium**

Copur M., KARAGÖZ Ö., Kocakerim M. M.

CHEMICAL ENGINEERING COMMUNICATIONS, vol.204, no.8, pp.907-915, 2017 (SCI-Expanded)

### **Articles Published in Other Journals**

#### **I. Gümüşhane ili içme su ihtiyacını karşılayan Bahçecik barajını besleyen Şenkale deresinin su kalitesinin araştırılması**

OSKAY V., KARAGÖZ Ö., KUŞLU S.

Gümüşhane Üniversitesi Fen Bilimleri Dergisi, vol.21, no.21, pp.61-75, 2022 (Peer-Reviewed Journal)

#### **II. Pure Boric Acid Synthesis Using Colemanite and Phosphoric Acid**

KARAGÖZ Ö.

Ataturk University Journal of Energy Recovery and Transfer Processes, 2021 (Peer-Reviewed Journal)

#### **III. Optimization of the Production of Biodiesel from Beef Tallow Applying Ultrasound Technology**

DOĞAN T. H., KARAGÖZ Ö.

Avrupa Bilim ve Teknoloji Dergisi, pp.485-493, 2019 (Peer-Reviewed Journal)

#### **IV. A study on leaching kinetics of chalcopyrite in KNO<sub>3</sub> H<sub>2</sub>SO<sub>4</sub> medium**

Dikme H., Kuşlu S., Karagöz Ö.

International Journal of Chemistry and Technology, vol.3, pp.38-45, 2019 (Peer-Reviewed Journal)

#### **V. Optimization of dissolution of colemanite ore in potassium dihydrogen phosphate solution (kh<sub>2</sub>po<sub>4</sub>)**

KARAGÖZ Ö., KUŞLU S.

Pressacademia, vol.5, no.1, pp.402-409, 2017 (Peer-Reviewed Journal)

### **Refereed Congress / Symposium Publications in Proceedings**

#### **I. Kolemanit ve fosforik asit kullanılarak saf borik asit eldesi**

Karagöz Ö.

3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021)

December 15-17, 2021 www.EurasianSciEnTech.org, Ankara, Turkey, 15 - 17 December 2021, pp.489-494

#### **II. Gümüşhane İlinin İçme Suyunu Karşılacak Bahçecik Barajını Besleyen Aktutan Göleti' nin İçme Suyu Kalitesinin Araştırılması**

Oskay V., Karagöz Ö., Kuşlu S.

International Online Conferences On Engineering And Natural Sciences in Gümüşhane University, Gümüşhane, Turkey, 05 July 2021

#### **III. Gümüşhane İlinin İçme Suyunu Karşılacak Bahçecik Barajını Besleyen Şöbet Deresinin İçme Suyu**

### **Kalitesinin Araştırılması**

Oskay V., Karagöz Ö., Kuşlu S.

International Online Conferences On Engineering And Natural Sciences in Gümüşhane University, Gümüşhane, Turkey, 05 July 2021

- IV. **Gümüşhane İlinin İçme Suyunu Karşılacak Bahçecik Barajını Besleyen Şenkale Deresinin İçme Suyu Kalitesinin Araştırılması**  
Oskay V., Karagöz Ö., Kuşlu S.  
International Online Conferences On Engineering And Natural Sciences in Gümüşhane University, Gümüşhane, Turkey, 05 July 2021
- V. **Kolemanit Cevherinin Potasyum Dihidrojen Fosfat Çözeltisinde Liç Edilmesi İle Potasyum Penta Borat (KB5) Sentezlenmesi**  
KARAGÖZ Ö., KUŞLU S.  
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), 24 - 26 October 2018, pp.547
- VI. **Determination of Optimum Conditions of Biodiesel Production from Beef Tallow Using Ultrasonic Energy**  
DOĞAN T. H., KARAGÖZ Ö.  
International Congress on Engineering and Life Science 2018, 26 - 29 April 2018
- VII. **DISSOLUTION KINETICS OF ULEXITE ORE FROM SOLID BORON WASTE IN SO<sub>2</sub> SATURATED WATER**  
KARAGÖZ Ö., ÇOPUR M., KOCAKERİM M. M.  
Euroasia 2018 Waste Management Sempozyum, 2 - 04 May 2018
- VIII. **Kinetic Investigation of Retention of SO<sub>2</sub> with Waste Ulexite Ore in Water**  
KARAGÖZ Ö., ÇOPUR M., KOCAKERİM M. M.  
8TH INTERNATIONAL ADVANCED TECHNOLOGIES SYMPOSIUM, Elazığ, Turkey, 19 - 22 October 2017, pp.62
- IX. **OPTIMIZATION OF DISSOLUTION OF COLEMANITE ORE IN POTASSIUM DIHYDROGEN PHOSPHATE SOLUTION (KH<sub>2</sub>PO<sub>4</sub>)**  
KARAGÖZ Ö., KUŞLU S.  
2nd World Conference on Technology, Innovation and Entrepreneurship, İstanbul, Turkey, 12 - 14 May 2017, pp.42
- X. **The dissolution kinetics of colemanite in potassium di hydrogen phosphate solutions**  
KARAGÖZ Ö., KUŞLU S.  
1st International Mediterranean Science and Engineering Congress (IMSEC 2016), October 26-28, 2016, Adana/Turkey, Adana, Turkey, 26 - 28 October 2016, pp.3192
- XI. **ATIK ULEKSİTLE SO<sub>2</sub> TUTULMASININ KİNETİĞİNİN İNCELENMESİ**  
KARAGÖZ Ö., ÇOPUR M., KOCAKERİM M. M.  
11. UKMK, Turkey, 2 - 05 September 2014
- XII. **Tinkalden Borik Asit Üretiminin Optimizasyonu**  
KARAGÖZ Ö., ÇOPUR M., KOCAKERİM M. M.  
10.UKMK, Turkey, 3 - 06 September 2012
- XIII. **Kurşun ve Civa Gibi Ağır Metallerin Tannik Asit Kullanılarak Kirlenmiş Sulardan Giderimi**  
KARAGÖZ Ö., ÇOPUR M., ŞARA O. N., KOCAKERİM M. M.  
9.UKMK, Turkey, 22 - 25 June 2010
- XIV. **Atık Üleksitle SO<sub>2</sub> tutulmasının uygun şartlarının belirlenmesi**  
ÇOPUR M., KOCAKERİM M. M., KARAGÖZ Ö.  
9. UKMK, Turkey, 22 - 24 June 2010

### **Supported Projects**

Karagöz Ö., Çopur M., Project Supported by Higher Education Institutions, Tinkalden Borik Asit Ve Sodyum Sülfid Üretiminin İncelenmesi, 2009 - 2011

Kocakerim M. M., Çopur M., TUBITAK Project, Termik Santral Baca Gazlarındaki CO<sub>2</sub> ve SO<sub>2</sub> nin Kullanılmayan veya

Satılmayan Uleksit ile Giderilebilirliđinin İncelenmesi, 2008 - 2010

Karagöz Ö., Çopur M., Project Supported by Higher Education Institutions, Biyosümfaktanlar İle Ağır Metal Giderimi Ve Metallerin Geri Kazanımı, 2007 - 2009

## **Scientific Refereeing**

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, SCI Journal, December 2020

Journal Of The Chemical Society Of Pakistan, SCI Journal, September 2017

## **Metrics**

Publication: 24

Citation (WoS): 19

Citation (Scopus): 22

H-Index (WoS): 2

H-Index (Scopus): 3