

Asst. Prof. Özlem KARAGÖZ

Personal Information

Office Phone: [+90 442 231 4544](tel:+904422314544)

Fax Phone: [+90 442 231 4544](tel:+904422314544)

Web: <https://avesis.atauni.edu.tr/ozlemkaragoz>

Address: ozlemkaragoz@atauni.edu.tr

International Researcher IDs

ScholarID: xz4OARkAAAAJ

ORCID: 0000-0003-0431-1861

Yoksis Researcher ID: 185854

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 SO₂ 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 (KH₂PO₄) and colemanite

Karagöz Ö., Kuşlu S.

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

III. Kinetic analysis of retention of SO₂ 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 (KH₂PO₄)

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 KNO₃ H₂SO₄ 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 (kh₂po₄)

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 SO₂ SATURATED WATER**
KARAGÖZ Ö., ÇOPUR M., KOCAKERİM M. M.
Euroasia 2018 Waste Management Sempozyum, 2 - 04 May 2018
- VIII. **Kinetic Investigation of Retention of SO₂ 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 (KH₂PO₄)**
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 SO₂ 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 SO₂ 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 CO₂ ve SO₂ 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