

## Assoc. Prof. NEŞE ERTUGAY

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAF-3024-2020

ScopusID: 55960909600

Yoksis Researcher ID: 45209

### Education Information

Doctorate, Ataturk University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 2005 - 2012

Postgraduate, Ataturk University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 2001 - 2004

Undergraduate, Ataturk University, Mühendislik Fakültesi, Çevre Mühendisliği, Turkey 1992 - 1996

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Education Management and Planning, Eğitimcilerin Eğitimi Sertifikası, Erzincan Binali Yıldırım Üniversitesi, 2021

### Dissertations

Doctorate, Homojen Ve Heterojen İleri Oksidasyon Sistemleri İle Boyar Madde Giderim, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, 2012

Postgraduate, Krom ve Bakır İyonlarının Kültür Mantarı (Agaricus bisphorus) Biyoması Kullanılarak Giderimi, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, 2004

### Research Areas

Life Sciences, Biotechnology, Environmental Biotechnology, Environmental Biology, Environmental Pollution, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Erzincan Binali Yıldırım University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü,

2020 - Continues

Assistant Professor, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - 2020

Assistant Professor, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2014 - 2018

Expert, Ataturk University, Çevre Sorunları Araştırma Merkezi, 1999 - 2014

## Academic and Administrative Experience

Rectorate Commissioner, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2022 - Continues

Bölüm Kalite Komisyonu Üyesi, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2022 - Continues

Ethics Committee Member, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2021 - Continues

Fakülte Engelli Koordinatörlüğü, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2017 - Continues

Head of Department, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2020 - 2021

Erasmus Coordinator, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2015 - 2021

Head of Department, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2018 - 2020

Rektörlük Akademik Teşvik Değerlendirme Komisyonu Üyesi, Erzincan Binali Yildirim University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, 2017 - 2020

## Courses

Çevresel Etki Değerlendirme, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Çevre Sorunları, Undergraduate, 2022 - 2023, 2021 - 2022

Çevre Geotekniği, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Su Temini ve Çevre Sağlığı, Undergraduate, 2021 - 2022, 2020 - 2021

Su Kaynakları Yönetimi ve Güvenliği, Postgraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021

Seminer Dersi, Postgraduate, 2020 - 2021

Alternatif Enerji Kaynakları, Undergraduate, 2018 - 2019

Su Kaynaklarının Yönetimi, Undergraduate, 2016 - 2017

## Advising Theses

Ertugay N., İÇME SUYU ŞEBEKELERİNDE OLUŞAN SU KAYIP VE KAÇAKLARI BELİRLEMEK İÇİN KULLANILAN SCADA SİSTEMİNİN DEĞERLENDİRİLMESİ: ERZİNCAN İLİ ÖRNEĞİ, Postgraduate, O.Bulut(Student), 2020

Ertugay N., FFNN, ANFİS ve LSTM MODELLERİ KULLANILARAK FIRAT HAVZASI'NIN AYLIK AKIM TAHMİNİ, Postgraduate, N.Nazimi(Student), 2020

## Jury Memberships

Post Graduate, Post Graduate, Erzincan Binali Yildirim Üniversitesi, June, 2022

Post Graduate, Post Graduate, Erzincan Binali Yildirim Üniversitesi, August, 2020

Post Graduate, Post Graduate, Erzincan Binali Yıldırım Üniversitesi, July, 2020  
Post Graduate, Post Graduate, Erzincan Binali Yıldırım Üniversitesi, July, 2020  
Post Graduate, Post Graduate, Erzincan Binali Yıldırım Üniversitesi, May, 2020  
Post Graduate, Post Graduate, Erzincan Binali Yıldırım Üniversitesi, May, 2020  
Post Graduate, Yüksek Lisans Tez Savunması, Atatürk Üniversitesi, July, 2018

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

- I. **A novel metaheuristic optimization and soft computing techniques for improved hydrological drought forecasting**  
KATİPOĞLU O. M., ERTUGAY N., Elshaboury N., Aktürk G., Kartal V., Pande C. B.  
Physics and Chemistry of the Earth, vol.135, 2024 (SCI-Expanded)
- II. **Modeling of irrigation water quality parameter (sodium adsorption ratio) using hybrid swarm intelligence-based neural networks in a semi-arid environment at SMBA dam, Algeria**  
Achite M., KATİPOĞLU O. M., Elshaboury N., Kartal V., Aktürk G., ERTUGAY N.  
Theoretical and Applied Climatology, vol.155, no.8, pp.8299-8318, 2024 (SCI-Expanded)
- III. **Semiconductor Catalyst: Investigation for the Degradation of BB9 Azo Dye by Sonophotocatalytic Process**  
ERTUGAY N., ACAR F. N.  
CHEMISTRYSELECT, vol.9, 2024 (SCI-Expanded)
- IV. **Photocatalytic application of nickel oxide/zinc oxide nanoparticles decorated kaolinite nanocomposite for the degradation of crystal violet**  
Keleş Güner E., Ertugay N., Özdemir A. O., Doğan B., Çağlar B.  
SPECTROSCOPY LETTERS, vol.57, no.5, pp.284-299, 2024 (SCI-Expanded)
- V. **Direct Blue 71 Degradation in the Presence of ZVI and H<sub>2</sub>O<sub>2</sub> Advanced Fenton Process: Determination of Optimum Conditions and Kinetics**  
Ertugay N., Acar F. N.  
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.31, no.5, pp.4611-4622, 2022 (SCI-Expanded)
- VI. **The degradation of landfill leachate in the presence of different catalysts by sonolytic and sonocatalytic processes**  
Kocakaplan N., Ertugay N., Malkoc E.  
PARTICULATE SCIENCE AND TECHNOLOGY, vol.36, pp.734-741, 2018 (SCI-Expanded)
- VII. **Removal of COD and color from Direct Blue 71 azo dye wastewater by Fenton's oxidation: Kinetic study**  
ERTUGAY N., ACAR F. N.  
ARABIAN JOURNAL OF CHEMISTRY, vol.10, 2017 (SCI-Expanded)
- VIII. **Investigation of pH effect by Fenton-like oxidation with ZVI in treatment of the landfill leachate**  
Ertugay N., Kocakaplan N., Malkoc E.  
INTERNATIONAL JOURNAL OF MINING RECLAMATION AND ENVIRONMENT, vol.31, pp.404-411, 2017 (SCI-Expanded)
- IX. **Ultrasound and UV stimulated heterogeneous catalytic oxidation of an azo dye: a synergistic effect**  
ERTUGAY N., ACAR F. N.  
PROGRESS IN REACTION KINETICS AND MECHANISM, vol.42, no.3, pp.235-243, 2017 (SCI-Expanded)
- X. **Basic Violet 10 (BV10) removal from aqueous solutions using sawdust of Swietenia mahagoni (Mahogany trees): adsorbent characterization, adsorption isotherm, kinetics, and thermodynamic studies**  
ERTUGAY N.  
DESALINATION AND WATER TREATMENT, vol.57, no.26, pp.12335-12349, 2016 (SCI-Expanded)
- XI. **Decolorization of Direct Blue 71 using UV irradiation and ultrasound in the presence of TiO<sub>2</sub> catalyst**

- ERTUGAY N., ACAR F. N.  
DESALINATION AND WATER TREATMENT, vol.57, no.20, pp.9318-9324, 2016 (SCI-Expanded)
- XII. **The degradation of Direct Blue 71 by sono, photo and sonophotocatalytic oxidation in the presence of ZnO nanocatalyst**  
Ertugay N., ACAR F. N.  
APPLIED SURFACE SCIENCE, vol.318, pp.121-126, 2014 (SCI-Expanded)
- XIII. **Adsorption Isotherm, Kinetic, and Thermodynamic Studies for Methylene Blue from Aqueous Solution by Needles of Pinus Sylvestris L.**  
Ertugay N., Malkoc E.  
POLISH JOURNAL OF ENVIRONMENTAL STUDIES, vol.23, pp.1995-2006, 2014 (SCI-Expanded)
- XIV. **Sonocatalytic degradation of Direct Blue 71 azo dye at the presence Zero-Valent Iron (ZVI)**  
Ertugay N., ACAR F. N.  
DESALINATION AND WATER TREATMENT, vol.51, pp.7570-7576, 2013 (SCI-Expanded)
- XV. **Color and COD Removal of Azo Dye 'Basic Blue 9' by Fenton Oxidation Process: Determined of Optimal Parameters and Kinetic Study**  
Ertugay N., ACAR F. N.  
JOURNAL OF ADVANCED OXIDATION TECHNOLOGIES, vol.16, no.2, pp.268-274, 2013 (SCI-Expanded)
- XVI. **The removal of copper (II) ion by using mushroom biomass (Agaricus bisporus) and kinetic modelling**  
Ertugay N., BAYHAN Y. K.  
DESALINATION, vol.255, pp.137-142, 2010 (SCI-Expanded)
- XVII. **Biosorption of Cr (VI) from aqueous solutions by biomass of Agaricus bisporus**  
Ertugay N., BAYHAN Y. K.  
JOURNAL OF HAZARDOUS MATERIALS, vol.154, pp.432-439, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Assessing Water Losses in Drinking Water Distribution Systems Using the SCADA System: The Erzincan Case**  
Bulut O., Ertugay N.  
The European Journal of Research and Development, vol.2, no.2, pp.141-160, 2022 (Peer-Reviewed Journal)
- II. **Buğday Kepeği Kullanılarak Crystal Violet (CV) Boyar Maddesinin Giderimi: Kinetik Çalışmalar**  
Ertugay N.  
Erzincan Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, no.3, pp.435-450, 2018 (Peer-Reviewed Journal)
- III. **Sızıntı Suyundan Fenton-Benzeri Prosesi İle Kimyasal Oksijen İhtiyacı ve Renk Giderimine ZVI ve H<sub>2</sub>O<sub>2</sub> Konsantrasyonlarının Etkisi**  
Ertugay N., Malkoç E., Kocakaplan N.  
Kahramanmaraş Sütçü İmam Üniversitesi Doğa Bilimleri Dergisi, vol.20, no.4, pp.320-325, 2017 (ESCI)
- IV. **Fenton ve Fenton-Benzeri İleri Oksidasyon Yöntemleri İle Acid Yellow 36 Boyar Maddesinin Giderimi**  
Kocakaplan N., Ertugay N., Malkoc E.  
İĞDIR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.4, no.1, pp.9-14, 2014 (Peer-Reviewed Journal)
- V. **Sıfır Değerlikli Demir Kullanılarak Fenton Benzeri Oksidasyon Yöntemi İle Azo Boyar Madde Giderimi**  
ERTUGAY N., ACAR F. N.  
Dokuz Eylül Üniversitesi Mühendislik Bilimleri Dergisi, vol.16, no.46, pp.1-9, 2014 (Peer-Reviewed Journal)
- VI. **Removal of Direct Blue 71 By Heterogeneous Sono, Photo and Sonophotocatalytic Oxidation: Zero Valent Copper Catalyst**  
Ertugay N., Acar F. N.  
Journal of Selçuk University Natural and Applied Science, vol.ICOEST, pp.580-593, 2013 (Peer-Reviewed Journal)
- VII. **Removal Of Acid Red 92 By Homogeneous And Heterogeneous Fenton And Fenton Like Processes**

Ertugay N., Malkoc E.

Journal of Selçuk University Natural and Applied Science, vol.ICOEST, pp.473-489, 2013 (Peer-Reviewed Journal)

VIII. **Sonokatalitik Oksidasyon ile Direct Blue 71 Azo Boyasının Renk Giderimi**

ERTUGAY N., ACAR F. N.

İÇDIR ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.3, no.1, pp.55-60, 2013 (Peer-Reviewed Journal)

## Books & Book Chapters

I. **ARTIFICIAL INTELLIGENCE TECHNIQUES AND APPLICATION OF MONTHLY FLOW FORECAST: FIRAT RIVER BASIN**

Nazimi N., Ertugay N., Yeşilyurt S. N.

in: International Research in Engineering Sciences, DOÇ. DR. MUSTAFA ALTIN, Editor, EĞİTİM YAYINEVİ, Konya, pp.5-26, 2022

## Refereed Congress / Symposium Publications in Proceedings

I. **Assessing Water Losses in Drinking Water Distribution Systems Using the SCADA System: The Erzincan Case**

Bulut O., Ertugay N.

International Conference on Emerging Sources in Science , İstanbul, Turkey, 26 - 27 May 2022, pp.291

II. **DECOLORIZATION OF DB71 DYESTUFF BY ADVANCED OXIDATION PROCESSES**

Ertugay N., Acar F. N.

5 TH INTERNATIONAL CONGRESS ON LIFE, SOCIAL, AND HEALTH SCIENCES IN A CHANGING WORLD, Ankara, Turkey, 26 - 27 March 2022, pp.304-309

III. **FF-NN, ANFİS, VE LSTM MODELLERİ KULLANARAK FIRAT HAVZASININ AYLIK AKIŞ TAHMİNİ**

Nazimi N., Ertugay N.

2. Uluslararası 30 Ağustos Bilimsel Araştırmalar Kongresi, Ankara, Turkey, 28 - 30 August 2020, pp.220

IV. **İÇME SUYU ŞEBEKELERİNDE OLUŞAN SU KAYIP VE KAÇAKLARI BELİRLEMEK İÇİN KULLANILAN SCADA SİSTEMİNİN DEĞERLENDİRİLMESİ: ERZİNCAN İLİ ÖRNEĞİ**

Bulut O., Ertugay N.

VAN ULUSLARARASI UYGULAMALI BİLİMLER KONGRESİ, 24 - 25 July 2020, pp.40-41

V. **Removal of Cu(II) from aqueous solutions by wheat bran biomass as a low cost biosorbent**

ERTUGAY N.

2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), Ankara, Turkey, 28 - 29 June 2019, pp.10-14

VI. **Decolorization of the azo dye Reactive Red 2 by Fenton oxidation**

ERTUGAY N.

International Conference on Civil Environmental, Geology and Mining Engineering (ICOCEM- Trabzon 2019 ), Trabzon, Turkey, 20 - 22 April 2019, pp.10-17

VII. **Crystal Violet (CV) Boyar Maddesinin Buğday Kepeği (wheat bran) ile Adsorpsiyonu: Kinetik Çalışmalar**

ERTUGAY N.

International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018

VIII. **Heterogeneous catalytic oxidation of direct azo dye by ZnO catalyst: Synergy and Langmuir – Hinshelwood Kinetic**

ERTUGAY N.

International Conference on Green Technologies and Energy Efficiency, Sakarya, Turkey, 28 September - 01 October 2016, pp.10

- IX. The Removal of COD and Color by Fenton Oxidation from Leachate of Erzurum Municipal Solid Waste Landfill**  
ERTUGAY N.  
International Conference on Advances in Natural and Applied Sciences (ICANAS), Antalya, Turkey, 21 - 23 April 2016, pp.423-425
- X. Investigation of pH Effect with Fenton-Like Oxidation using ZVI in Treatment of the Landfill Leachate**  
ERTUGAY N., Kocakaplan N., Malkoc E.  
16th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP) / International Symposium on Computer Applications (CAMI), İstanbul, Turkey, 5 - 07 October 2016
- XI. Fenton ve Fenton-Benzeri İleri Oksidasyon Yöntemleri İle Acid Yellow 36 Boyar Maddesinin Giderimi**  
ERTUGAY N., MALKOC E., Kocakaplan N.  
Uluslararası Katılımlı Çevre Sempozyumu,, Gümüşhane, Turkey, 24 - 26 October 2013, vol.1, pp.1
- XII. Decolorization of Direct Blue 71 by sono photo and sonophotocatalytic oxidation in the presence of ZnO nano size**  
ERTUGAY N., ACAR F. N.  
9th Nanoscience and Nanotechnology Conference (NanoTR-9), Erzurum, Turkey, 24 - 28 June 2013
- XIII. Decolorization of Direct Blue 71 by sono, photo and sonophotocatalytic oxidation in the presence of ZnO nano-size**  
ERTUGAY N., ACAR F. N.  
9th Nanoscience and Nanotechnology Conference (NanoTR-9), Erzurum, Turkey, 24 - 28 June 2013, vol.1, pp.1
- XIV. Decolorization of Direct Blue 71 by using UV irradiation and ultrasound in the presence of TiO<sub>2</sub> nanoparticles**  
ERTUGAY N., ACAR F. N.  
9th Nanoscience and Nanotechnology Conference" (NanoTR-9), Erzurum, Turkey, 24 - 28 June 2013, vol.1, pp.1
- XV. Removal of Direct Blue 71 by Heterogeneous Sono, Photo and Sonophotocatalytic Oxidation: Zero Valent Copper Catalyst**  
ERTUGAY N., ACAR F. N.  
The international Conference on Environmental Science and Technology – 2013 (ICOEST'2013, Nevşehir, Turkey, 18 - 21 June 2013, vol.Special -2, no.2, pp.1
- XVI. Removal Of Acid Red 92 By Homogeneous And Heterogeneous Fenton And Fenton Like Processes**  
ERTUGAY N., MALKOC E.  
The international Conference on Environmental Science and Technology–2013(ICOEST'2013-Cappadocia), Nevşehir, Turkey, 18 - 21 June 2013, vol.1, pp.1
- XVII. Degradation of Azo Dye Basic Blue 9 by Fenton Oxidation Process: Determined of Optimal Parameters and Kinetic Study**  
ERTUGAY N., ACAR F. N.  
The 18th International Conference on Advanced Oxidation Technologies for Treatment of Water, Air and Soil (AOTs-18), Jacksonville, Florida, United States Of America, 11 - 15 November 2012, vol.1, no.1, pp.1
- XVIII. Atıksulardan Acid Blue 74 Boyar Maddesinin Çam Ağacı (Pinus Sylvestris L.) İğnesi İle Adsorpsiyonu**  
ERTUGAY N., MALKOC E.  
İTÜ XIII. Endüstriyel Kirlenme Kontrolü Sempozyumu, İstanbul, Turkey, 17 - 19 October 2012, vol.1, pp.1
- XIX. Continuous Fixed Bed Adsorption of Direct Red 28 By Wood Shavings: An Experimental and Modeling Study**  
ERTUGAY N., MALKOC E.  
International Conference On Recycling And Reuse,, İstanbul, Turkey, 4 - 06 June 2012, vol.1, no.1, pp.1
- XX. Determination of Optimization Parameters for Basic Blue 9 Removal by Fenton Oxidation Process**  
ERTUGAY N., ACAR F. N.  
4th National Catalysis Conference, Kocaeli, Turkey, 21 - 24 March 2012, vol.1, pp.1
- XXI. Removal of COD and color from Direct Blue 71 azo dye wastewater by Fenton's oxidation"**  
ERTUGAY N., ACAR F. N.  
4th National Catalysis Conference, Kocaeli, Turkey, 21 - 24 March 2012, vol.1, pp.1

- XXII. **Removal of Methylene blue (a cationic dye) From Aqueous Solution by Adsorption Onto Pine Needles**  
ERTUGAY N., MALKOC E.  
VI. Uluslararası Ekoloji ve Çevre Sorunları Sempozyumu, Antalya, Turkey, 17 - 20 November 2011, vol.1, pp.1
- XXIII. **Degradation of azo dye-direct blue 71- by heterogeneous fenton-like system with zero valent iron**  
ERTUGAY N., ACAR F. N., Eren Z.  
The 17th International Conference on Advanced Oxidation Technologies for Treatment of Water, Air and Soil, San Diego, California, United States Of America, 7 - 10 November 2011, pp.1
- XXIV. **Sıfır Değerlikli Demir Kullanılarak Fenton Benzeri Oksidasyon Yöntemi İle Azo Boyar Madde Giderimi**  
ERTUGAY N., ACAR F. N.  
25.Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, vol.1, pp.1
- XXV. **Kültür Mantarı (Agaricus bisporus) Biyokütlesi Kullanılarak Sulardan Cu<sup>2+</sup> Giderimi**  
ERTUGAY N., BAYHAN Y. K.  
Ulusal Çevre Sempozyumu, Mersin, Turkey, 18 - 21 April 2007, vol.1, pp.1

## Other Publications

- I. **The Removal of COD and Color by Fenton Oxidation from Leachate of Erzurum Municipal Solid Waste Landfill**  
Kocakaplan N., ERTUGAY N., MALKOC E.  
Other, pp.20093-4, 2016

## Supported Projects

- Ertugay N., Project Supported by Higher Education Institutions, Erzurum Büyükşehir Belediyesi Katı Atık Düzenli Deponi Sahası Sızıntı Suyunun İleri Oksidasyon Yöntemleriyle Gideriminin Araştırılması, 2013 - 2015
- Ertugay N., Project Supported by Higher Education Institutions, Tekstil Atık Sularından Adsorpsiyonla Boyar Maddelerin Giderimi, 2012 - 2014
- Ertugay N., Project Supported by Higher Education Institutions, Çevre Sorunları Araştırma Merkezi Laboratuarlarının İyileştirilmesi, 2011 - 2012
- Ertugay N., Project Supported by Higher Education Institutions, Homojen ve Heterojen İleri Oksidasyon Sistemleri ile Boyar Madde Giderimi, 2009 - 2011
- Ertugay N., Malkoç E., Tekin D., Demircioğlu N., Project Supported by Higher Education Institutions, Erzurum Kenti İçme Sularının Su Kalite Parametrelerinin İncelenmesi ve Değerlendirilmesi, 2005 - 2007
- Ertugay N., Project Supported by Higher Education Institutions, Sucul ortamdan metal iyonlarının biyosorbent kullanılarak giderimi, 2003 - 2005

## Scientific Refereeing

- TUBITAK Project, 1511 - TUBITAK Priority Fields Research Technology Development and Innovation PDP, Erzincan Binali Yıldırım University, Turkey, December 2022
- Environmental Quality Management, Other Indexed Journal, March 2020
- Desalination and Water Treatment, SCI Journal, September 2018
- Waste Management, SCI Journal, December 2017
- Environment Protection Engineering, SCI Journal, December 2017
- Applied Surface Science, SCI Journal, December 2013
- Desalination and Water Treatment, SCI Journal, October 2013

Desalination and Water Treatment, SCI Journal, January 2013  
Desalination and Water Treatment, SCI Journal, January 2013  
Arabian Journal of Chemistry, SCI Journal, November 2012  
Chemical Engineering Journal , SCI Journal, June 2010  
Journal of Hazardous Materials, SCI Journal, May 2010  
Desalination, SCI Journal, February 2010

## Scientific Consultations

Ortaokul Öğrencileri Araştırma Projeleri Yarışması, Project Consultancy, Erzincan Binali Yıldırım University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, Turkey, 2019 - 2019  
Tübitak Projesi, Other, Erzincan Binali Yıldırım University, Mühendislik-Mimarlık Fakültesi, İnşaat Mühendisliği Bölümü, Turkey, 2018 - 2019

## Metrics

Publication: 52  
Citation (WoS): 436  
Citation (Scopus): 662  
H-Index (WoS): 7  
H-Index (Scopus): 8

## Congress and Symposium Activities

5th International Congress on Life, Social, and Health Sciences In a Changing World, Attendee, İstanbul, Turkey, 2022  
2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), Attendee, Ankara, Turkey, 2019  
Geology and Mining Engineering (ICOCEM- Trabzon 2019 ), Attendee, Trabzon, Turkey, 2019  
International Eurasian Conference on Biological and Chemical Science, Attendee, Ankara, Turkey, 2018  
International Conference on Green Technologies and Energy Efficiency/Heterogeneous catalytic oxidation of direct azo dye by ZnO catalyst: Synergy and Langmuir –Hinshelwood Kinetic, Attendee, Sakarya, Turkey, 2016  
16th International Symposium on Environmental Issues and Waste Management in Energy and Mineral Production (SWEMP 2016)/, Attendee, İstanbul, Turkey, 2016  
International Conference on Advances in Natural and Applied Sciences (ICANAS)/The Removal of COD and Color by Fenton Oxidation from Leachate of Erzurum Municipal Solid Waste Landfill, Attendee, Antalya, Turkey, 2016  
9th Nanoscience and Nanotechnology Conference (NanoTR-9), Attendee, Erzurum, Turkey, 2013  
İTÜ XIII. Endüstriyel Kirlenme Kontrolü Sempozyumu/Atıksulardan Acid Blue 74 Boyar Maddesinin Çam Ağacı (Pinus Sylvestris L.) İğnesi İle Adsorpsiyonu, Attendee, İstanbul, Turkey, 2012  
25.Uluslararası Katılımlı Ulusal Kimya Kongresi, Attendee, Turkey, 2011