

Prof. Nurcan TUĞRUL

Personal Information

Fax Phone: [+90 212 383 4725](tel:+902123834725)

Email: ntugrul@yildiz.edu.tr

Web: <http://avesis.yildiz.edu.tr/ntugrul/>

Address: Yıldız Teknik Üniversitesi, Kimya-Metalürji Fakültesi, Kimya Mühendisliği Bölümü, 34210, Esenler, İstanbul

International Researcher IDs

ORCID: 0000-0002-1242-704X

Yoksis Researcher ID: 111253

Education Information

Doctorate, Yıldız Technical University, Kimya Metalürji/ Fen Bilimleri/ Kimya Mühendisliği, Kimya Mühendisliği/Kimya Mühendisliği, Turkey 2000 - 2005

Postgraduate, Yıldız Technical University, Kimya Metalürji/ Fen Bilimleri/ Kimya Mühendisliği, Kimya Mühendisliği/Kimya Mühendisliği, Turkey 1996 - 1999

Undergraduate, Yıldız Technical University, Kimya Metalürji/ Fen Bilimleri/ Kimya Mühendisliği, Kimya Mühendisliği/Kimya Mühendisliği, Turkey 1992 - 1996

Foreign Languages

French, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, CAMSCAN Apollo 300 cihazı eğitim sertifikası, TETRA Teknolojik Sistemler, 2009

Education Management and Planning, PERKIN ELMER Clarus 500 GC ve Clarus 500 MS cihazları eğitim sertifikası, TETRA Teknolojik Sistemler, 2009

Education Management and Planning, PERKIN ELMER Diamond DSC cihazı eğitim sertifikası, TETRA Teknolojik Sistemler, 2009

Education Management and Planning, PANALYTIAL Xpert Pro MPD cihazı eğitim sertifikası, TETRA Teknolojik Sistemler, 2008

Education Management and Planning, PANALYTICAL Minipal 4 cihazı eğitim sertifikası, TETRA Teknolojik Sistemler, 2008

Education Management and Planning, PERKIN ELMER Optima 2100 DV cihazı eğitim sertifikası, TETRA Teknolojik Sistemler, 2008

Education Management and Planning, PERKIN ELMER Lambda 25 cihazı eğitim sertifikası, TETRA Teknolojik Sistemler, 2008

Education Management and Planning, PERKIN ELMER Raman 400F cihazı eğitim sertifikası, TETRA Teknolojik Sistemler, 2008

Education Management and Planning, Deney ve Kalibrasyon Laboratuvar Kalitesinin Temini ve Laboratuvar Arası Karşılaştırma Ölçümü, Türk Standartları Enstitüsü (TSE) Kalibrasyon Merkezi Başkanlığı, 2008

Education Management and Planning, PERKIN ELMER Spectrum One FT-IR Spectrometer cihazı eğitim sertifikası, TETRA Teknolojik Sistemler, 2005

Education Management and Planning, PERKIN ELMER Diamond TG/DTA cihazı eğitim sertifikası, TETRA Teknolojik Sistemler, 2004

Dissertations

Doctorate, BANDIRMA ETİBANK SÜLFÜRİK ASİT FABRİKASINDAN ÇIKAN KALSİNE PİRİT KÜLÜNÜN YÜKSEK FIRIN HAMMADDESİ OLARAK DEĞERLENDİRİLMESİ ve PİK DEMİR ÜRETİMİNDE KULLANILMASI, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya Mühendisliği/Kimya Mühendisliği, 2005
Postgraduate, MAYDANOZ ve DEREOTUNUN KURUTULMASI ve KURUMA KARAKTERİSTİKLERİNİN İNCELENMESİ, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya Mühendisliği/Kimya Mühendisliği, 1999

Research Areas

Boron Chemistry, Environmental Engineering, Environmental Technology, Solid Waste Engineering and Management, Water Pollution and Control, Chemical Engineering and Technology, Chemical Technologies, Metallurgical and Materials Engineering, Material science and engineering, Material Characterization, Chemistry, Inorganic Chemistry, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2024 - Continues

Associate Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2017 - 2024

Assistant Professor, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2006 - 2017

Research Assistant PhD, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2005 - 2006

Research Assistant, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2002 - 2005

Academic and Administrative Experience

Deputy Head of Department, Yildiz Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2022 - Continues

Courses

Doctorate

Uzmanlık Alan Dersi (Doktora), Doctorate, 2017 - 2018

İleri Organik Teknolojiler, Doctorate, 2017 - 2018, 2016 - 2017, 2014 - 2015, 2013 - 2014

Doktora Tezi, Doctorate, 2017 - 2018

İleri İnorganik Teknolojiler, Doctorate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

İleri Organik Teknolojiler, Doctorate, 2015 - 2016

Postgraduate

Uzmanlık Alan Dersi (Yüksek Lisans), Postgraduate, 2017 - 2018

Yüksek Lisans Tezi, Postgraduate, 2017 - 2018

Yakıt Teknolojisi, Postgraduate, 2017 - 2018, 2016 - 2017

Yüksek Lisans Tezi, Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Uzmanlık Alan Dersi (Yüksek Lisans), Postgraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Yüksek Lisans Tezi, Postgraduate, 2015 - 2016

Uzmanlık Alan Dersi (Yüksek Lisans), Postgraduate, 2013 - 2014

Yüksek Lisans Tezi, Postgraduate, 2013 - 2014

Undergraduate

Enstrümental Analizler, Undergraduate, 2017 - 2018

Kimya Mühendisliği Ekonomisi, Undergraduate, 2017 - 2018

Kimya Mühendisliği Uygulamaları, Undergraduate, 2017 - 2018

Kimya Mühendisliği Hesaplamaları , Undergraduate, 2017 - 2018

Enstrümental Analizler Lab., Undergraduate, 2017 - 2018

Kimya Mühendisliği Ekonomisi, Undergraduate, 2016 - 2017, 2014 - 2015

Kimya Mühendisliği Lab III, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015

Bitirme Çalışması, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015

Kimyasal Teknolojiler, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015

Kimya Mühendisliği Uygulamaları, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015

Kimya Mühendisliği Ekonomisi, Undergraduate, 2015 - 2016

Kimya Mühendisliği Uygulamaları, Undergraduate, 2013 - 2014

Bitirme Çalışması, Undergraduate, 2013 - 2014

Kimya Mühendisliği Lab III, Undergraduate, 2013 - 2014

Kimyasal Teknolojiler, Undergraduate, 2013 - 2014

Yağ Teknolojisi, Undergraduate, 2013 - 2014

Supervised Theses

Tuğrul N., Çay ve Kahve Atıklarından Farklı Yöntemlerle Biyokompost Üretimi, Postgraduate, N.SEVİMLİ(Student), Continues

Tuğrul N., Ağaç Reçineleri ve Pektin Kullanarak Kompozit Yenilebilir Film Üretimi, Postgraduate, G.ŞAHİN(Student), Continues

Tuğrul N., Farklı Sebzelerden Kombine Yöntemlerle Pektin Üretimi, Postgraduate, E.YÜCEL(Student), Continues

Tuğrul N., Atık Meyve Kabuklarından Çevre Dostu Çanta Üretimi, Postgraduate, B.KÖSE(Student), Continues

Tuğrul N., Elma Atıklarından Bitkisel Deri Üretimi, Postgraduate, E.BARİPOĞLU(Student), Continues

Tuğrul N., Atık Meyve Kabuklarından Üretilecek Yenilebilir Filmlerin Fiziksel ve Bariyer Özelliklerine Farklı Plastikleştiricilerin Etkilerinin İncelenmesi, Postgraduate, F.Kurt(Student), Continues

Tuğrul N., Limon ve Muz Kabuğundan Pektin Üretimi, Postgraduate, H.DEMİRCİ(Student), Continues

Tuğrul N., Kahve Çekirdeği Atıklarından Üretilecek Aktif Karbonun Atıksulardan Ağır Metal Gideriminde Kullanılması, Postgraduate, A.Myrzageldi(Student), Continues

Tuğrul N., Gıda atıklarından farklı bitkisel katkı maddeleri kullanarak yenilebilir film üretimi, Postgraduate, B.GİRGİN(Student), 2023

Tuğrul N., Kombine yöntemle nişasta bazlı yenilebilir film üretimi, Postgraduate, M.BASUT(Student), 2023

Tuğrul N., Kahve yan ürünlerinden yenilebilir film üretimi, Postgraduate, M.TUNÇ(Student), 2023

Tuğrul N., Farklı yöntemlerle doğal nişastanın modifikasyon yöntemlerinin incelenmesi, Postgraduate, A.YILMAZ(Student), 2022

Tuğrul N., Haloysit katkılı biyoyumlu polimer üretimi, Postgraduate, S.BEGÜM(Student), 2022

Tuğrul N., Deniz ürünlerinin farklı yöntemlerle kurutma karakteristiklerinin incelenmesi ve ağır metal içeriklerinin belirlenmesi, Doctorate, A.CAN(Student), 2021

Tuğrul N., Çeşitli gıda atıklarından farklı ekstraksiyon yöntemleri ve çeşitli çözücüler kullanılarak pektin eldesi, Postgraduate, P.KARBUZ(Student), 2019

Tuğrul N., Levrek balığının farklı yöntemlerle kurutma kinetiğinin incelenmesi, Postgraduate, B.SEZİN(Student), 2019

Tuğrul N., BOTAŞ LNG İŞLETME MÜDÜRLÜĞÜ SOĞUTMA KULESİ SİSTEMİNİN İNCELENMESİ VE EKSERJİ ANALİZİNİN YAPILMASI, Postgraduate, G.KANDEMİR(Student), 2019

Tuğrul N., Üç boyutlu modellerde yakıt hücresi performansını etkileyen parametrelerin incelenmesi, Postgraduate, Y.AKSU(Student), 2018

Tuğrul N., Mangan sülfat monohidrat ve borik asitten hidrotermal ve katı hal kombine yöntemi ile susuz mangan borat üretimi ve karakterizasyonu, Postgraduate, E.FIRAT(Student), 2017

Tuğrul N., Mikrodalga yöntemiyle aktifleştirilen farklı meyve kabuklarının adsorbsiyon özelliklerinin incelenmesi, Postgraduate, Ö.YILMAZ(Student), 2017

Tuğrul N., Farklı Endüstriyel Atıklardan Sentezlenen Hidroksiapatitin Adsorban Olarak Kullanılmasıyla Atık Sulardan Ağır Metal Geri Kazanımı, Postgraduate, S.Kızıldaş(Student), 2016

Tuğrul N., Zn₅(CO₃)₂.(OH)₆ ve ZnCl₂'den ultrasonik yöntem ile yüksek verimli çinko borat üretimi, Postgraduate, D.SENA(Student), 2015

TUĞRUL N., Farklı Bor ve Çinko Kaynaklarından Ultrasonik Yöntem ile Çinko Borat Üretimi ve Karakterizasyonu, Postgraduate, A.Can(Student), 2015

TUĞRUL N., Farklı Kaynaklardan Üretilmiş Hidroksiapatit ve Antibiyotik Katkısının Kemik Çimentosunun Dayanımına Etkisinin İncelenmesi, Postgraduate, Ö.Can(Student), 2015

TUĞRUL N., Çeşitli Meyve Kabuklarından Biyochar Üretim Yöntemlerinin Geliştirilmesi, Postgraduate, Ş.Nur(Student), 2015

TUĞRUL N., Farklı Kaynaklardan Üretilmiş Hidroksiapatit Katkısının Kemik Çimentosunun Dayanımına Etkisinin İncelenmesi, Postgraduate, N.Gelibolu(Student), 2015

TUĞRUL N., Farklı Bölgelerden Alınan Uçucu Küllerin Ağır Metal İyonlarını Adsorblama Özelliklerinin Farklı Bağlayıcılar Kullanılarak Geliştirilmesi, Postgraduate, E.Çınar(Student), 2014

TUĞRUL N., Farklı Bölgelerden Alınan Uçucu Küllerin Ağır Metal İyonlarının Adsorbansında Kullanımının Geliştirilmesi, Postgraduate, Ş.Kölemen(Student), 2012

TUĞRUL N., Çeşitli Bor Minerallerinden Hidrofobik Çinko Borat Üretim Yöntemlerinin Geliştirilmesi, Postgraduate, M.Bardakçı(Student), 2011

TUĞRUL N., Çeşitli Bor Minerallerinden Hidrofobik ve Nanoyapılı Çinko Borat Üretim Yöntemlerinin Geliştirilmesi, Postgraduate, E.Öztürk(Student), 2011

TUĞRUL N., Galvaniz Çamurunun Değerlendirilmesi ve Geri Kazanımı, Postgraduate, Ö.Dere(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Determination of Drying Characteristics of Various Seafood by Freeze Drying Method and Investigation of the Effect of Ultrasonic Pretreatment**
Özyalçın Genç Z. Ö., Gules E., Uygunöz D., Bozkurt F., Sağdıç O., Doymaz İ., Tuğrul N., Derun E., Kıpçak A. S.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.25, no.2, TRJAS6452, pp.1-10, 2025 (SCI-Expanded)
- II. **Drying Characteristics of Caridean Shrimp with Modern Methods and the Effect of Ultrasonic Pre-treatment** *Journal of Food Science and Technology*
Erşan A. C., Kıpçak A. S., Tuğrul N.
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, vol.1, no.1, pp.1-10, 2024 (SCI-Expanded)
- III. **Investigation of Glycerol and Sorbitol Effect to the Cinnamon Essential Oil Incorporated Corn or Rice Starch Based Edible Films**
Çalargün A. A., Girgin B., Tuğrul N.
INDIAN JOURNAL OF CHEMICAL TECHNOLOGY, vol.1, no.1, pp.1-11, 2024 (SCI-Expanded)
- IV. **Comparison of The Film Properties of Lemon and Sour Cherry Seed Essential Oil Added Glycerol and/or Sorbitol Plasticized Corn, Potato, Rice, Tapioca and Wheat Starch Based Edible Films**
Basut Kazak M., Tuğrul N.
INTERNATIONAL JOURNAL OF POLYMER SCIENCE, vol.2024, no.1, pp.1-9, 2024 (SCI-Expanded)
- V. **Development and Characterization of Edible Packaging Film, with Anise or Cinnamon Essential Oil**

addition, Plasticized with Glycerol or Sorbitol or Polyethylene Glycol, Using Lignin Extracted from Coffee Silverskin

Tunç M., Tuğrul N.

BRADLEYA, vol.42, no.5, pp.46-65, 2024 (SCI-Expanded)

- VI. **Alginate based aloe vera gel and/or pomegranate seed essential oil added edible coating film production using casting method to extend fruits shelf life**

Tuğrul N.

BRADLEYA, vol.42, no.5, pp.20-45, 2024 (SCI-Expanded)

- VII. **Effect of Ultrasound-Microwave and Microwave-Ultrasound Treatment on Physicochemical Properties of Corn Starch**

Yılmaz A., Tuğrul N.

ULTRASONICS SONOCHEMISTRY, vol.98, no.1, pp.1-6, 2023 (SCI-Expanded)

- VIII. **Methylene Blue Adsorption by Chemically Foamed Geopolymer Based on Fly Ash**

Özkan H., Tuğrul N., Derun E.

WATER, AIR AND SOIL POLLUTION : AN INTERNATIONAL JOURNAL OF ENVIRONMENTAL POLLUTION, vol.234, pp.1-11, 2023 (SCI-Expanded)

- IX. **Development of Dry Walnut Shell Edible Film Plasticized with Glycerol and/or Sorbitol and Incorporated with Aloe Vera Gel and Lemon Essential Oil**

Girgin B., Tuğrul N.

PERIODICA POLYTECHNICA: CHEMICAL ENGINEERING, vol.1, no.1, pp.1-12, 2023 (SCI-Expanded)

- X. **Co-Precipitation Synthesis of Lanthanum Borates with Different Morphologies**

Argun S., Dumanli F. T., KIPÇAK A. S., TUĞRUL N., DERUN E.

Glass Physics and Chemistry, vol.49, no.1, pp.92-97, 2023 (SCI-Expanded)

- XI. **The Effect of Various Methods on the Drying Kinetics and Mathematical Modelling of Seabass (Dicentrarchus labrax)**

ÖZYALÇIN GENÇ Z. Ö., KIPÇAK A. S., TUĞRUL N.

Journal of Aquatic Food Product Technology, vol.32, no.4, pp.384-395, 2023 (SCI-Expanded)

- XII. **Removal of zinc from wastewater using orange, pineapple and pomegranate peels**

Turkmen Koc S. N., KIPÇAK A. S., Moroydor Derun E., TUĞRUL N.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.18, no.9, pp.2781-2792, 2021 (SCI-Expanded)

- XIII. **Zinc and cadmium adsorption from wastewater using hydroxyapatite synthesized from flue gas desulfurization waste**

Kiziltas Demir S., TUĞRUL N.

WATER SCIENCE AND TECHNOLOGY, vol.84, no.5, pp.1280-1292, 2021 (SCI-Expanded)

- XIV. **DRYING CHARACTERISTICS OF BLUE MUSSELS BY TRADITIONAL METHODS**

KIPÇAK A. S., Derun E. M., TUĞRUL N., DOYMAZ İ.

CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.27, no.3, pp.279-288, 2021 (SCI-Expanded)

- XV. **Microwave and ultrasound assisted extraction of pectin from various fruits peel**

Karbuz P., Tuğrul N.

JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, vol.58, no.2, pp.641-650, 2021 (SCI-Expanded)

- XVI. **The Drying Kinetics and Characteristics of Shrimp Dried by Conventional Methods**

Erşan A. C., Tuğrul N.

Chemical Industry & Chemical Engineering Quarterly, vol.27, no.4, pp.319-328, 2021 (SCI-Expanded)

- XVII. **Ultrasonic-Assisted Synthesis of Zinc Borates: Effect of Boron Sources**

Dumanli F. T., KIPÇAK A. S., Vardar D. S., TUĞRUL N.

JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.42, no.6, pp.839-845, 2020 (SCI-Expanded)

- XVIII. **Thermal dehydration kinetics of non-crystalline manganese borate**

TUĞRUL N., Firat E., KIPÇAK A. S., Yildirim M., Senberber F. T., Derun E.

INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.59, no.3, pp.346-350, 2020 (SCI-Expanded)

- XIX. **An accelerated and effective synthesis of zinc borate from zinc sulfate using sonochemistry**
Ersan A. C., KIPÇAK A. S., Ozen M. Y., TUĞRUL N.
MAIN GROUP METAL CHEMISTRY, vol.43, no.1, pp.7-14, 2020 (SCI-Expanded)
- XX. **Temperature Controlled Infrared Drying Kinetics of Mussels**
Sevim S., Derun E., Tuğrul N., Doymaz İ., Kıpçak A. S.
Journal Of The Indian Chemical Society, vol.96, no.9, pp.1233-1238, 2019 (SCI-Expanded)
- XXI. **A green sonochemical synthesis of zinc borates from Zn-5(CO₃)₂center dot(OH)₆**
Vardar D. S., Senberber F. T., Kıpçak A. S., Tuğrul N.
MAIN GROUP CHEMISTRY, vol.16, pp.160-170, 2017 (SCI-Expanded)
- XXII. **Characterization and physical properties of hydrated zinc borates synthesized from sodium borates**
Kipçak A. S., SENBERBER F. T., Yildirim M., Yuksel S. A., Derun E., Tugrul N.
MAIN GROUP METAL CHEMISTRY, vol.39, pp.59-66, 2016 (SCI-Expanded)
- XXIII. **Synthesis of dehydrated zinc borates using the solid-state method: Characterization and investigation of the physical properties**
KIPÇAK A. S., ACARALI N., SENBERBER F. T., Yildirim M., KOC S. N. T., Yuksel S., PİŞKİN M. B., Derun E., TUĞRUL N.
MAIN GROUP CHEMISTRY, vol.15, no.4, pp.301-313, 2016 (SCI-Expanded)
- XXIV. **A Novel Synthesis of Zinc Borates from a Zinc Oxide Precursor via Ultrasonic Irradiation**
ERSAN A. C., Yildirim M., KIPÇAK A. S., TUĞRUL N.
ACTA CHIMICA SLOVENICA, vol.63, no.4, pp.881-890, 2016 (SCI-Expanded)
- XXV. **Zinc borate production with boron mineral source: effect of process parameters on yield and hydrophobicity**
Acarali N., Ozturk E., Bardakci M., Pişkin M. B., Tuğrul N.
GOSPODARKA SUROWCAMI MINERALNYMI-MINERAL RESOURCES MANAGEMENT, vol.31, pp.95-109, 2015 (SCI-Expanded)
- XXVI. **Characterization and thermal dehydration kinetics of zinc borates synthesized from zinc sulfate and zinc chloride**
KIPÇAK A. S., SENBERBER F. T., Moroydor Derun E., TUĞRUL N., Piskin S.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, no.11, pp.9129-9143, 2015 (SCI-Expanded)
- XXVII. **Synthesis of hydrophobic nanostructured zinc borate from zinc carbonate, and characterization of the product**
TUĞRUL N., Bardakci M., Ozturk E.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, no.7, pp.4395-4403, 2015 (SCI-Expanded)
- XXVIII. **X-Ray, Thermal, FT-IR and morphological studies of zinc borate in presence of boric acid synthesized by ulexite**
Akgul O., Acarali N. B., TUĞRUL N., Derun E., Piskin S.
PERIODICO DI MINERALOGIA, vol.83, no.1, pp.77-88, 2014 (SCI-Expanded)
- XXIX. **Effect of Magnesium Borates on the Fire-Retarding Properties of Zinc Borates**
Kıpçak A. S., Acarali N., Derun E., Tuğrul N., Piskin S.
JOURNAL OF CHEMISTRY, 2014 (SCI-Expanded)
- XXX. **Production and characterization of hydrophobic zinc borate by using palm oil**
Acarali N. B., TUĞRUL N., Derun E., Piskin S.
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.20, no.11, pp.1081-1088, 2013 (SCI-Expanded)
- XXXI. **Characterization of boron carbide particles and its shielding behavior against neutron radiation**
KIPÇAK A. S., Gurses P., DERUN E., TUĞRUL N., Piskin S.
ENERGY CONVERSION AND MANAGEMENT, vol.72, pp.39-44, 2013 (SCI-Expanded)
- XXXII. **Effect of modifying agents on the hydrophobicity and yield of zinc borate synthesized by zinc oxide**
Acarali N. B., Bardakci M., TUĞRUL N., Derun E., Piskin S.
INTERNATIONAL JOURNAL OF MINERALS METALLURGY AND MATERIALS, vol.20, no.6, pp.574-581, 2013 (SCI-Expanded)
- XXXIII. **Production of Zinc Borate for Pilot Scale Equipment and Effects of Reaction Conditions on Yield**

- BARDAKCI M., ACARALI N., TUĞRUL N., DERUN E., PİŞKİN M. B.
Materials Science, 2013 (SCI-Expanded)
- XXXIV. **The Zinc Adsorption Study by Using Orhaneli Fly Ash, Bentonite, and Molasses in Wastewater**
Kolemen S., ACARALI N., TUĞRUL N., DERUN E., Piskin S.
WATER AIR AND SOIL POLLUTION, vol.224, no.1, 2013 (SCI-Expanded)
- XXXV. **Pelletisation of fly ashes as a lightweight aggregate**
DERUN E., TUĞRUL N., Lkhagva T., Piskin S.
ADVANCES IN CEMENT RESEARCH, vol.22, no.2, pp.99-105, 2010 (SCI-Expanded)
- XXXVI. **A study on the structural behavior of reduced pyrite ash pellets by XRD and XRF analysis**
TUĞRUL N., Derun E., PİŞKİN M. B., Ekerim A.
WASTE MANAGEMENT & RESEARCH, vol.27, no.3, pp.281-287, 2009 (SCI-Expanded)
- XXXVII. **Utilization of pyrite ash wastes by pelletization process**
Tugrul N., Derun E., Piskin M. B.
POWDER TECHNOLOGY, vol.176, pp.72-76, 2007 (SCI-Expanded)
- XXXVIII. **Drying characteristics of dill and parsley leaves**
Doymaz I., Tugrul N., Pala M.
JOURNAL OF FOOD ENGINEERING, vol.77, no.3, pp.559-565, 2006 (SCI-Expanded)
- XXXIX. **Effects of calcium hydroxide and calcium chloride addition to bentonite in iron ore pelletization**
Tugrul N., Derun E., Piskin M. B.
WASTE MANAGEMENT & RESEARCH, vol.24, no.5, pp.446-455, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Modeling the Rehydration Behavior of Oven and Vacuum Oven Dried Shrimp at Different Rehydration Temperatures and Determination of Quality Parameters**
Ersan A. C., Kıpçak A. S., Tuğrul N.
Journal of Tekirdag Agricultural Faculty, vol.2025, pp.1-10, 2025 (ESCI)
- II. **Development of Edible packaging Films from Walnut, Mango, and Orange Peels: Effect of Plasticizers and Essential Oils**
Girgin B., Abahuni Uçar M., Derun E., Tuğrul N.
ACS FOOD SCIENCE & TECHNOLOGY, vol.1, no.1, pp.1-10, 2024 (ESCI)
- III. **Zinc adsorption from aqueous solution using lemon, orange, watermelon, melon, pineapple, and banana rinds**
Yılmaz Ö., Tuğrul N.
WATER PRACTICE AND TECHNOLOGY, vol.17, pp.318-328, 2022 (ESCI)
- IV. **THE EFFECT OF HYDROXYAPATITE ADDITIVE PRODUCED FROM DIFFERENT RAW MATERIALS TO STRENGTH OF BONE CEMENT**
TUĞRUL N., PİŞKİN M. B., DUMANLI F. T., KARAMAHMUT MERMER N., ÖZTÜRK Ö. C., GELİBOLU N.
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- V. **The Effect of Hydroxyapatite Additive Produced from Different Calcium Sources to Strength of Bone Cement**
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Congress and Symposium Activities

ICEBESE 2018: 20th International Conference on Environmental, Biological, Ecological Sciences and Engineering, Attendee, Barcelona, Spain, 2018

International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Attendee, Ankara, Turkey, 2018

ICEBESE 2015: 17th International Conference on Environmental, Biological and Ecological Sciences and Engineering, Attendee, Italy, 2015

ICCCE 2013: International Conference on Chemistry and Chemical Engineering,, Attendee, Amsterdam, Netherlands, 2013

ICCE 2012: International Conference on Chemical Engineering, Attendee, Paris, France, 2012

2011 International Conference on Chemistry and Chemical Process (ICCCP 2011), Attendee, Thailand, 2011

World Congress on Engineering (WCE 2010), Attendee, London, United Kingdom, 2010

6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries (EMCC-6), Attendee, Antalya, Turkey, 2010

XVIII. Ulusal Elektron Mikroskopi Kongresi, Attendee, Eskişehir, Turkey, 2007

The Twenty-first International Conference on Solid Waste Technology and Management, Attendee, United States Of America, 2007

8th International Conference on Environmental Science and Technology,, Attendee, Greece, 2003

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