Assoc. Prof. FATMA OĞUZ ERDOĞAN



Personal Information

Office Phone: +90 262 349 4351
Email: fatma.erdogan@kocaeli.edu.tr
Other Email: foerdogan@gmail.com
Web: https://avesis.kocaeli.edu.tr/fatma.erdogan

International Researcher IDs
ORCID: 0000-0001-7030-2918
Publons / Web Of Science ResearcherID: F-5954-2018
Yoksis Researcher ID: 137709

Education Information

Doctorate, Bülent Ecevit Üniversitesi, Turkey 2004 - 2010
Postgraduate, Bülent Ecevit Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 2001 - 2004
Undergraduate, Bülent Ecevit Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, Turkey 1997 - 2001

Certificates, Courses and Trainings

Occupational Health and Safety, İşyeri Hekimliği ve İş Güvenliği Uzmanlığı Eğitici Belgesi, ÇSGB, 2013
Occupational Health and Safety, A Sınıfı İş Güvenliği Uzmanı, ÇSGB, 2012
Quality Management, ISO 17025 DENEY VE KALIBRASYON LABORATUVARLARININ YETERLILIGI IÇIN GENEL SARTLAR EGITIM SERTIFIKASI, TTK, 2007
Quality Management, ISO45011 ÜRÜN BELGELENDIRMESI YAPAN BELGELENDIRME KURULUSLARI IÇIN GENEL KRITERLER EGITIM SERTIFIKASI, TTK, 2007

Dissertations

Doctorate, Karbon yapılarda organik buhar adsorpsiyonu, 2010
Postgraduate, Gözenekli katılarda gaz adsorpsiyon ve difüzyonu, 2004

Research Areas

Natural Sciences

Academic Titles / Tasks

Associate Professor, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2020 - Continues
Assistant Professor, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2018 - 2020

Assistant Professor, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2012 - 2018
Research Assistant, Zonguldak Bülent Ecevit University, Faculty Of Arts And Scıences, 2004 - 2012

Academic and Administrative Experience

Rektörlük Stratejik Plan Komisyonu Üyesi, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2022 - Continues
Assistant Director of Vocational School, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2020 - Continues
Rektörlük Kalite Komisyonu Üyesi, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2015 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Kocaeli University, Kocaeli Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2016 - 2023
Meslek Yüksekokulu Yönetim Kurulu Üyesi, Kocaeli University, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2016 - 2020
Head of Department, Kocaeli University, Kimya Ve Kimyasal İşleme Teknolojileri Bölümü, 2016 - 2018

Courses

Yüksek Lisans Seminer, Postgraduate, 2023 - 2024, 2022 - 2023
Chemicals in Daily Life, Associate Degree, 2022 - 2023
Yüksek Lisans Tez, Postgraduate, 2023 - 2024, 2022 - 2023
Kalite Kontrol 1, Associate Degree, 2023 - 2024
History of Chemistry, Associate Degree, 2023 - 2024, 2022 - 2023, 2019 - 2020
Work Accidents and Accident Prevention, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020
Carbon Containing Polymer Composites and Energy Applications, Doctorate, 2023 - 2024, 2022 - 2023
Industrial Stoichiometry, Associate Degree, 2022 - 2023
Physicochemistry, Associate Degree, 2022 - 2023
Adsorption and Industrial Applications, Undergraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2016 - 2017, 2015 - 2016, 2014 - 2015
Scientific Research Methods and Publication Ethics, Postgraduate, 2022 - 2023
Yüksek Lisans Proje, Postgraduate, 2022 - 2023
Quality Assurance and Standarts, Associate Degree, 2019 - 2020
İstatistik, Associate Degree, 2016 - 2017
Polimer Kimyası, Associate Degree, 2015 - 2016
İşçi Sağlığı ve İş Güvenliği, Associate Degree, 2012 - 2013
Temel İşlemler, Associate Degree, 2011 - 2012
İnorganik Kİmya, Associate Degree, 2012 - 2013

Advising Theses

Oğuz Erdoğan F., BİR GÜBRE FABRİKASININ ACİL DURUMLAR VE İŞ SAĞLIĞI VE GÜVENLİĞİ YÖNÜNDEN DENETİMİ, Postgraduate, F.DURMUŞ(Student), 2022
Oğuz Erdoğan F., Bir küçük sanayi işletmesindeki risklerin iş sağlığı ve güvenliği yönünden incelenmesi, Postgraduate, M.OĞUZ(Student), 2019
Oğuz Erdoğan F., Bir Boyahanede Patlayıcı Gaz Ortam Oluşumunun Standartlara Göre İncelenmesi, Postgraduate, O.DUMAN(Student), 2019

Advising Graduates (Non-Thesis)

Oğuz Erdoğan F., İş Kazaları Etkilerinin En Aza İndirgenmesi Amacıyla Kişisel Koruyucu Donanımlardaki (KKD) Nanoteknolojik ve Biyoteknolojik Uygulamaların Araştırılması, Masters (Non-Thesis), G.Yeşiltaş(Student), 2023
Oğuz Erdoğan F., Transformatör İzolasyon Komponent Üretimi Sektöründe Fine Kinney ve 5x5 Matris Yöntemleriyle Risk Değerlendirmesi, Masters (Non-Thesis), L.Sert(Student), 2023
Oğuz Erdoğan F., Yapı İşlerinde Çalışan İş Güvenliği Uzmanlarının Çalışma Hayatıyla İlgili Görüşlerinin İncelenmesi, Masters (Non-Thesis), O.Seyit(Student), 2022
Oğuz Erdoğan F., Otomobil Seri Üretiminde İş Sağlığı ve Güvenliği Uygulamaları ve Risk Değerlendirme Çalışması, Masters (Non-Thesis), G.Ersoy(Student), 2021
Oğuz Erdoğan F., Endüstriyel Tesislerde Elektriksel Güvenlik Kültürü, Masters (Non-Thesis), M.Ferit(Student), 2021
Oğuz Erdoğan F., Türkiye'de 2007-2016 Yılları Arasında Meydana Gelen İş Kazalarının İstatistiki Analizi, Masters (Non-Thesis), S.Gürsoy(Student), 2018

Jury Memberships

Post Graduate, Post Graduate, Zonguldak Bülent Ecevit Üniversitesi, January, 2024
Post Graduate, Post Graduate, Zonguldak Bülent Ecevit Üniversitesi, June, 2019
Post Graduate, Post Graduate, Kocaeli Üniversitesi, January, 2019

Taught Courses And Trainings

Oğuz Erdoğan F., Temel İş Sağlığı ve Güvenliği Eğitimi, 2015 - 2015

Research Infrastructure Information

Oğuz Erdoğan F., ADSORPSİYON VE ADSORBENT GELİŞTİRME AR-GE LABORATUVARI, January 2016

Published journal articles indexed by SCI, SSCI, and AHCI

I. **DFT, molecular docking and molecular dynamics simulation studies on some recent natural products revealing their EGFR tyrosine kinase inhibition potential**
ERDOĞAN T., OĞUZ ERDOĞAN F.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.42, no.6, pp.2942-2956, 2024 (SCI-Expanded)
II. **Adsorption behavior of alcohol vapors on Zonguldak-Karadon coal derived porous carbons**
Erdogan F., Kopac T.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.45, no.1, pp.2881-2902, 2023 (SCI-Expanded)
III. **Hydrogen storage behavior of zeolite/graphene, zeolite/multiwalled carbon nanotube and zeolite/green plum stones-based activated carbon composites**
OĞUZ ERDOĞAN F., ÇELİK C., Turkmen A. C., Sadak A. E., Cucu E.
JOURNAL OF ENERGY STORAGE, vol.72, 2023 (SCI-Expanded)
IV. **Hydrogen sorption studies of palladium decorated graphene nanoplatelets and carbon samples**
Erdogan F., ÇELİK C., Turkmen A. C., Sadak A. E., Cucu E.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.48, no.56, pp.21476-21486, 2023 (SCI-Expanded)
V. **Probing some recent natural compounds from Phellinus baumii, Colletotrichum sp. and Ligustrum lucidum as heat shock protein 90 inhibitors**
Erdoğan T., Oğuz Erdoğan F.

JOURNAL OF BIOMOLECULAR STRUCTURE AND DYNAMICS, vol.1, no.1, pp.1-13, 2023 (SCI-Expanded)

VI. **Carbon dioxide and methane adsorption behaviour of zeolite/biomass-based activated carbon and zeolite/multiwalled carbon nanotube composites**
Oğuz Erdoğan F.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.102, no.19, pp.7523-7541, 2022 (SCI-Expanded)

VII. **A comparative study on methane adsorption onto various adsorbents including activated carbons, zeolites, MWCNT, and MCM-41**
Oğuz Erdoğan F.
INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION, vol.42, no.7, pp.2078-2098, 2022 (SCI-Expanded)

VIII. **Investigation of acetone adsorption characteristics of activated carbons obtained from Zonguldak-Karadon coal at room temperature**
Erdogan F., Kopac T.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.35, no.4, pp.2211-2224, 2020 (SCI-Expanded)

IX. **Comparison of Activated Carbons Produced from Zonguldak Kozlu and Zonguldak Karadon Hard Coals for Hydrogen Sorption**
Oguz Erdogan F., Kopac T.
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, pp.1-17, 2020 (SCI-Expanded)

X. **Freundlich, Langmuir, Temkin, DR and Harkins-Jura Isotherm Studies on the Adsorption of CO2 on Various Porous Adsorbents**
Oguz Erdogan F.
INTERNATIONAL JOURNAL OF CHEMICAL REACTOR ENGINEERING, vol.17, 2019 (SCI-Expanded)

XI. **Highly Effective Activated Carbons from Turkish-Kozlu Bituminous Coal by Physical and KOH Activation and Sorption Studies with Organic Vapors**
Oguz Erdogan F., Kopac T.
INTERNATIONAL JOURNAL OF CHEMICAL REACTOR ENGINEERING, vol.17, 2019 (SCI-Expanded)

XII. **An Improved, Efficient and Microwave Assisted Synthetic Method for the Synthesis of Chalcone Oximes: An Experimental and Computational Study**
Erdoğan T., Oguz Erdogan F.
LETTERS IN ORGANIC CHEMISTRY, vol.15, pp.99-110, 2018 (SCI-Expanded)

XIII. **Characterization of the Activated Carbon Surface of Cherry Stones Prepared by Sodium and Potassium Hydroxide**
Erdogan F.
ANALYTICAL LETTERS, vol.49, pp.1079-1090, 2016 (SCI-Expanded)

XIV. **Characterization of the Adsorption of Disperse Yellow 211 on Activated Carbon from Cherry Stones Following Microwave-Assisted Phosphoric Acid Treatment**
Erdoğan T., Erdogan F.
ANALYTICAL LETTERS, vol.49, pp.917-928, 2016 (SCI-Expanded)

XV. **Temperature and alkaline hydroxide treatment effects on hydrogen sorption characteristics of multi-walled carbon nanotube-graphite mixture**
Kopac T., Oguz Erdogan F.
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, vol.15, pp.730-735, 2009 (SCI-Expanded)

XVI. **Dynamic analysis of sorption of hydrogen in activated carbon**
Oguz Erdogan F., Kopac T.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.32, pp.3448-3456, 2007 (SCI-Expanded)

Articles Published in Other Journals

I. **Havalimanı Yer (Ramp) Hizmetleri Çalışanlarının Karşılaştıkları İş Sağlığı ve Güvenliği Risklerinin İncelenmesi**
Barut S., Oğuz Erdoğan F.
Havacılık ve Uzay Çalışmaları Dergisi, vol.4, no.1, pp.75-98, 2024 (Peer-Reviewed Journal)

II. **Investigation of Occupational Health and Safety approaches of Occupational Safety Experts Working in Construction Works**
Akgün O. S., Oğuz Erdoğan F.
CUDES-Journal of Current Debates in Social Sciences , vol.6, no.2, pp.131-146, 2023 (Peer-Reviewed Journal)

III. **Evaluation of explosive atmosphere in a paint shop according to standards**
Oğuz Erdoğan F., Duman O.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.28, no.7, pp.1014-1022, 2022 (ESCI)

IV. **Nucleophilic Substitution Reaction of Imidazole with Various 2-Bromo-1-arylethanone Derivatives: A Computational Study**
ERDOĞAN T., OĞUZ ERDOĞAN F.
Sakarya University Journal of Science, vol.23, no.3, pp.322-332, 2019 (Peer-Reviewed Journal)

V. **FREUNDLICH, LANGMUIR, TEMKIN AND HARKINS-JURA ISOTHERMS STUDIES OF H-2 ADSORPTION ON POROUS ADSORBENTS**
Oguz Erdogan F.
CHEMISTRY & CHEMICAL TECHNOLOGY, vol.13, no.2, pp.129-135, 2019 (ESCI)

VI. **Comparison of activated carbon produced from carob stones with 4A zeolite for allura red AC dye adsorption**
Oğuz Erdoğan F.
The Online Journal of Science and Technology, vol.9, no.1, pp.75-79, 2019 (Peer-Reviewed Journal)

VII. **A comparative study of various porous adsorbents for CO2 adsorption**
Oğuz Erdoğan F.
The Online Journal of Science and Technology, vol.9, no.1, pp.12-16, 2019 (Peer-Reviewed Journal)

VIII. **Comparative Study of Sunset Yellow Dye Adsorption onto Cornelian Cherry Stones-Based Activated Carbon and Carbon Nanotubes**
Oğuz Erdoğan F.
Bulgarian Chemical Communications, vol.50, no.4, pp.592-601, 2018 (Scopus)

IX. **Adsorption of N2, CO2 and CH4 on Activated Carbons Produced from Damson Plum Stones by Chemical Activation with ZnCl2**
OĞUZ ERDOĞAN F.
Uluslararası Hakemli Mühendislik ve Fen Bilimleri Dergisi, vol.14, pp.12-22, 2018 (Peer-Reviewed Journal)

X. **PREPARATION AND CHARACTERIZATION OF ACTIVATED CARBON FROM TURKISH GREEN PLUM STONES BY CHEMICAL ACTIVATION WİTH LIOH FOR ALLURA RED FOOD DYE ADSORPTION**
OĞUZ ERDOĞAN F.
Uluslararası Hakemli Mühendislik ve Fen Bilimleri Dergisi, vol.13, pp.60-72, 2018 (Peer-Reviewed Journal)

XI. **Adsorption of Sunset Yellow FCF Onto MCM-41**
Oğuz Erdoğan F., Erdoğan T.
The Online Journal of Science and Technology, vol.8, no.1, pp.16-20, 2018 (Peer-Reviewed Journal)

XII. **Düşük Maliyetli Adsorbentler Üzerine Dispers Sarı 211 Tekstil Boyasının Adsorpsiyonu**
Oğuz Erdoğan F.
Afyon Kocatepe Üniversitesi Fen ve Mühendislik Bilimleri Dergisi, vol.17, no.31202, pp.889-898, 2017 (Peer-Reviewed Journal)

XIII. **Comparison of Textile Dye Adsorption Properties of Low-Cost Biowaste Adsorbents**
Oğuz Erdoğan F.
Journal of Textiles and Engineer, vol.24, pp.181-187, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Kimya Sektöründe Acil Durum Yönetimi**
Durmuş F., Oğuz Erdoğan F.
6th International Congress on Occupational Safety and Health, İstanbul, Turkey, 26 November 2020, vol.12, no.12, pp.1-5

II. **Dökümhanelerde kullanılacak kişisel koruyucu donanımların belirlenmesi ve kullanımı**
DUMAN O., OĞUZ ERDOĞAN F.
IMASCON Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi (Bahar), Kocaeli, Turkey, 26 - 28 April 2019, pp.1627-1634

III. **Döküm sektöründe kullanılan tehlikeli kimyasallar**
DUMAN O., OĞUZ ERDOĞAN F.
IMASCON Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi (Bahar), Kocaeli, Turkey, 26 - 28 April 2019, pp.1746-1753

IV. **Çeşitli gözenekli adsorbentler üzerine karbondioksitin adsorpsiyonu için adsorpsiyon izoterm parametrelerinin belirlenmesi**
OĞUZ ERDOĞAN F.
IMASCON Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi (Bahar), Kocaeli, Turkey, 26 - 28 April 2019, pp.1767-1773

V. **Adsorption of Disperse Yellow 211 Dye onto Zeolite**
OĞUZ ERDOĞAN F.
IMASCON Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi(Bahar), Kocaeli, Turkey, 26 - 28 April 2019, pp.1794-1799

VI. **Adsorption of CO2 and CH4 gases onto Fe/MCM-41, Fe/MWCNT and Fe/Zeolite composites**
OĞUZ ERDOĞAN F.
MAS International Conference on Mathematics-Engineering-NaturalMedical Sciences-IV, Antalya, Turkey, 21 - 23 March 2019, pp.200-209

VII. **Effect of temperature on the adsorption of allura red dye onto multiwalled carbon nanotubes**
OĞUZ ERDOĞAN F.
MAS International Conference on Mathematics-Engineering-NaturalMedical Sciences IV, Antalya, Turkey, 21 - 23 March 2019, pp.190-199

VIII. **Preparation and Characterization of Activated Carbon fromTurkish Green Plum Stones by Chemical Activation with LiOH for Allura Red Dye Adsorption**
OĞUZ ERDOĞAN F.
Uluslararası Mühendislik ve Teknoloji Yönetimi Kongresi, İstanbul, Turkey, 24 - 25 December 2018

IX. **Adsorption Studies of N2, CO2 and CH4 on Activated Carbons Produced from Damson Plum Stones by Chemical Activation with ZnCl2**
OĞUZ ERDOĞAN F.
Uluslararası Mühendislik ve Teknoloji Yönetimi Kongresi, İstanbul, Turkey, 24 - 25 December 2018

X. **A Comparative Study of Various Porous Adsorbents for CO2 Adsorption**
OĞUZ ERDOĞAN F.
International Science and Technology Conference ISTEC 2018, Paris, France, 18 - 20 July 2018

XI. **Comparison of Activated Carbon Produced from Carob Stones with 4A Zeolite for Allura Red AC Dye Adsorption**
OĞUZ ERDOĞAN F.
International Science and Technology Conference ISTEC2018, Paris, France, 18 - 20 July 2018

XII. **Boya Adsorpsiyonunda Düşük Maliyetli Adsorbentlerin Karşılaştırılması**
OĞUZ ERDOĞAN F.
International Mediterranean Science and Engineering Congress (IMSEC2017, Adana, Turkey, 25 - 27 October 2017

XIII. **Farklı Gözenek Yapısındaki Adsorbentler Üzerine Hidrojen Adsorpsiyonu**
OĞUZ ERDOĞAN F.

International Mediterranean Science and Engineering Congress (IMSEC2017, Adana, Turkey, 25 - 27 October 2017

XIV. **Kalkon Oksimlerin Sentezi İçin Mikrodalga Yardımlı Yeni Bir Metod Üzerinde Deneysel ve Hesaplamalı Bir Çalışma**
ERDOĞAN T., OĞUZ ERDOĞAN F.
IMSEC2017, 2nd International Mediterranean Science and Engineering Congress, Adana, Turkey, 25 - 27 October 2017, pp.1951

XV. **An Experimental and Computational Study on the Synthesis of 1-(2-phenyl-2-(2-phenylhydrazineylidene)ethyl)-1H-imidazole**
ERDOĞAN T., OĞUZ ERDOĞAN F.
ISTEC2017, International Science and Technology Conference, Berlin, Germany, 17 - 19 July 2017

XVI. **Adsorption of sunset yellow FCF onto MCM-41**
OĞUZ ERDOĞAN F., ERDOĞAN T.
ISTEC2017, International Science and Technology Conference, Berlin, Germany, 17 - 19 July 2017, pp.50-54

XVII. **Adsorption of N2 and CO2 on Various Zeolites**
OĞUZ ERDOĞAN F., ERDOĞAN T.
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST-2017, Baku, Azerbaijan, 10 - 13 September 2017

XVIII. **Comparison of Cornelian Cherry Stones Activated Carbon with Carbon Nanotubes for Food Dye Adsorption**
OĞUZ ERDOĞAN F., ERDOĞAN T.
3rd International Turkic World Conference on Chemical Sciences and Technologies (ITWCCST-2017), Baku, Azerbaijan, 10 - 13 September 2017

XIX. **Synthesis and Characterization of Novel Cryogels Removal from Some Heavy Metals Ions in Wastewater**
ÇAKMAKLI B., SEÇİLMİŞ CANBAY H., HAZER B., OĞUZ ERDOĞAN F.
2nd International Conference On Science, Ecology And Technology– 2016 (ICONSETE'2016 – Barcelona), 14 - 16 October 2016

XX. **PREPARATION OF ACTIVATED CARBON FROM APRICOT STONES WASTE AS LOW COST ADSORBENT FOR REMOVAL OF FOOD DYE FROM AQUEOUS SOLUTION**
OĞUZ ERDOĞAN F., ERDOĞAN T.
INTERNATIONAL SCIENCE AND TECHNOLOGY CONFERENCE-ISTEC 2016, 13 - 15 July 2016

XXI. **Bir Ar Ge Laboratuvarının İş Sağlığı ve Güvenliği Yönünden İncelenmesi**
OĞUZ M., OĞUZ ERDOĞAN F.
Uluslararası İş Güvenliği ve Çalışan Sağlığı Kongresi, 6 - 07 May 2016

XXII. **Comparison of Hydrogen Sorption Properties of Activated Carbons Prepared by H3PO4 and K2CO3 Activation of Cherry Stones**
ERDOĞAN T., OĞUZ ERDOĞAN F.
CHEMTECH 15 Chemical Technologies and Chemical Engineering Conference, İstanbul, Turkey, 30 November - 01 December 2015

XXIII. **Microporous activated carbon prepared from cherry stones using microwave activation with zinc chloride**
ERDOĞAN T., OĞUZ ERDOĞAN F.
7th Black Sea Basin Conference on Analytical Chemistry, Varna, Bulgaria, 10 - 15 September 2015

XXIV. **Preparation of activated carbon from waste cherry stones by KOH and NaOH activations for hydrogen sorption**
OĞUZ ERDOĞAN F., ERDOĞAN T.
7th Black Sea Basin Conference on Analytical Chemistry, Varna, Bulgaria, 10 - 15 September 2015

XXV. **Adsorption of textile dye from aqueous solutions with MCM 41**
OĞUZ ERDOĞAN F., ERDOĞAN T.
7th Black Sea Basin Conference on Analytical Chemistry, Varna, Bulgaria, 10 - 15 September 2015

XXVI. **Disperse Yellow 211 Boyasının Aktif Karbon Üzerinde Adsorpsiyon Kinetiğinin İncelenmesi**

OĞUZ ERDOĞAN F., ERDOĞAN T.
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 - 19 May 2015

XXVII. **Mikrodalga Yöntemiyle Elde Edilen Aktif Karbonların Yüzey Özelliklerinin İncelenmesi**
OĞUZ ERDOĞAN F., ERDOĞAN T.
5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 - 19 May 2015

XXVIII. **Effect of pH and Temperature on the Adsorption of Textile Dye onto Nanotube**
OĞUZ ERDOĞAN F., ERDOĞAN T.
International Symposium on Molecular Chemistry, İstanbul, Turkey, 18 - 19 December 2014

XXIX. **Optimization of microwave preparation conditions for activated carbon from cherry stones for methyl orange dye adsorption**
ERDOĞAN T., OĞUZ ERDOĞAN F.
XI th Chemical Physics Congress, İstanbul, Turkey, 17 - 18 October 2014

XXX. **Enhancement of the textile dye adsorption capacity of MMCNT by Fe 3 activations**
OĞUZ ERDOĞAN F.
XI th Chemical Physics Congress, İstanbul, Turkey, 17 - 18 October 2014

XXXI. **Enhancement of surface characteristics of activated carbon from cherry stones by alkaline hydroxides**
OĞUZ ERDOĞAN F.
9th Aegean Analytical Chemistry Days AACD 2014, CHIOS, Greece, 29 September - 03 October 2014

XXXII. **Improvement of surface characteristics for disperse yellow 211 adsorption by microwave assisted H3PO4 activation Kinetics and equilibrium study**
ERDOĞAN T., OĞUZ ERDOĞAN F.
9th Aegean Analytical Chemistry Days AACD 2014, CHIOS, Greece, 29 September - 03 October 2014

XXXIII. **Acetone adsorption capacities of carbon based materials**
OĞUZ ERDOĞAN F., KOPAÇ T., DOĞU G., TİMUR D.
NCC-3 Third National Catalysis Conference, Zonguldak, Turkey, 28 April - 01 May 2010

XXXIV. **Bazı uçucu organik bileşiklerin aktif karbon üzerine adsorpsiyonunun incelenmesi**
OĞUZ ERDOĞAN F., KOPAÇ T., DOĞU G., TİMUR D.
XXIII. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009

XXXV. **Hidrojenin aktif karbon üzerine adsorpsiyon ve difüzyonunun dinamik yöntemle incelenmesi**
OĞUZ ERDOĞAN F., KOPAÇ T.
XXII. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kktc), 6 - 10 October 2008

XXXVI. **Enhancement of surface characteristic of CNTs by NaOH ZnCl2 activations**
OĞUZ ERDOĞAN F., KOPAÇ T.
DECHEMA Chemical Nanotechnology Talks VIII, Frankfurt am Main, Germany, 20 - 21 November 2007

XXXVII. **Hydrogen sorption by KOH modified carbon nanotubes**
OĞUZ ERDOĞAN F., KOPAÇ T.
DECHEMA Chemical Nanotechnology Talks VIII, Frankfurt am Main, Germany, 20 - 21 November 2007

XXXVIII. **Sorption properties of N2 and H2 on multi walled carbon nanotube graphite mixture modified by alkaline hydroxides**
OĞUZ ERDOĞAN F., KOPAÇ T.
AlChE Annual Meeting, Salt Lake City, United States Of America, 4 - 09 November 2007

XXXIX. **Çok duvarlı karbon nanotüp grafit karışımının kimyasal modifikasyonu ve hidrojen sorpsiyonu**
OĞUZ ERDOĞAN F., KOPAÇ T.
XXI. Ulusal Kimya Kongresi, Malatya, Turkey, 23 - 27 August 2007

XL. **Hydrogen capture capacities of carbon based materials**
OĞUZ ERDOĞAN F., KOPAÇ T., TOPRAK A.
AlChE Annual Meeting, San-Francisco, Costa Rica, 12 - 17 November 2006

XLI. **Sorption characteristics of carbon based materials**
KOPAÇ T., OĞUZ ERDOĞAN F., TOPRAK A.
DECHEMA Chemical Nanotechnology Talks VII, Frankfurt am Main, Germany, 23 - 25 October 2006

XLII. **Aktif karbon üzerine H2 ve N2 adsorpsiyonunun dinamik yöntemle incelenmesi**
KOPAÇ T., OĞUZ ERDOĞAN F.
XIX. Ulusal Kimya Kongresi, İzmir, Turkey, 30 September - 04 October 2005

XLIII. **Effect of temperature on adsorption and desorption characteristic of hydrogen on activated carbon**
OĞUZ ERDOĞAN F., KOPAÇ T.
The 13th International Conference of Woman Engineers and Scientists, Seoul, South Korea, 26 - 29 August 2005

XLIV. **Investigation of hydrogen and nitrogen adsorption properties on activated carbon**
KOPAÇ T., OĞUZ ERDOĞAN F.
2nd International Aegean Physical Chemistry Days, Balıkesir, Turkey, 7 - 10 October 2004

Supported Projects

OĞUZ ERDOĞAN F., ÇELİK C., ERDOĞAN T., Project Supported by Higher Education Institutions, Mürdüm Eriği Çekirdeklerinden Elde Edilen Aktif Karbon Nanotüp Zeolit MCM41 ve Paladyum Kullanılarak Hazırlanan Kompozitlerin Hidrojen Depolama Kapasitelerinin Belirlenmesi, 2023 - Continues

ERDOĞAN T., OĞUZ ERDOĞAN F., Project Supported by Higher Education Institutions, Bilgisayar Destekli İlaç Tasarımı Yaklaşımı ile Çeşitli Doğal Bileşiklerin EGFR, VEGF ve HSP90 İnhibisyon Potansiyellerinin Belirlenmesi, 2023 - Continues

OĞUZ ERDOĞAN F., Project Supported by Higher Education Institutions, MCM-41 Ve Karbon Nanotüpün Modifikasyonu İle Elde Edilen Adsorbentler Üzerine CO2 Ve CH4 Adsorpsiyonu, 2019 - 2020

OĞUZ ERDOĞAN F., Project Supported by Higher Education Institutions, ZEOLİT ÜZERİNE CO2 ADSORBSİYONU, 2017 - 2019

OĞUZ ERDOĞAN F., Project Supported by Higher Education Institutions, KANSEROJEN ATKİYE SAHİP BAZI GIDA BOYALARININ NANOTÜP ÜZERİNE ADSORPSİYONUNUN İNCELENMESİ, 2016 - 2017

OĞUZ ERDOĞAN F., Project Supported by Higher Education Institutions, MEYVE ÇEKİRDEKLERİNDEN ELDE EDİLEN KARBON YAPILAR VE ADESORBSİYON ÖZELLİKLERİNİN ARAŞTIRILMASI, 2014 - 2015

Oğuz Erdoğan F., Erdoğan T., Project Supported by Higher Education Institutions, Bazı Yeni Dihidropirimidinon Türevlerinin Sentezi ve Bunların Biyolojik Aktivitelerinin Araştırılması - BAP Projesi, 2011 - 2014

Oğuz Erdoğan F., Kopaç T., Project Supported by Other Official Institutions, Zonguldak Yöresi Kömürlerinden Elde Edilen Karbon Yapılar ve Farklı Yapıdaki Karbon Nano Tüplerin Gaz ve Sıvı Adsorpsiyon Özelliklerinin Araştırılması, 2007 - 2011

Oğuz Erdoğan F., Kopaç T., Project Supported by Higher Education Institutions, Karbon Yapılarda Organik Buhar Adsorpsiyonu, 2008 - 2010

Oğuz Erdoğan F., Kopaç T., Project Supported by Higher Education Institutions, Gözenekli Katılardaki Gaz Yayınırlıklarının Dinamik Yöntemlerle Belirlenmesi, 2002 - 2004

Activities in Scientific Journals

Colloid and Surface Science, Committee Member, 2020 - Continues
SCIREA Journal of Chemistry, Committee Member, 2019 - Continues
Science Journal of Analytical Chemistry, Committee Member, 2018 - Continues

Memberships / Tasks in Scientific Organizations

American Chemical Society, Member, 2020 - Continues, United States Virgin Islands
Türkiye Kimya Derneği, Member, 2015 - Continues, Turkey
Kimyagerler Derneği, Member, 2009 - Continues, Turkey

Scientific Refereeing

BIOMASS CONVERSION AND BIOREFINERY, SCI Journal, October 2023
Sustainable Chemistry and Pharmacy, SCI Journal, September 2023
BIOMASS CONVERSION AND BIOREFINERY, SCI Journal, November 2022
Open Journal of Nano, National Scientific Refreed Journal, November 2022
Journal of advanced research in natural and applied sciences (Online), National Scientific Refreed Journal, November 2022
Journal of advanced research in natural and applied sciences (Online), National Scientific Refreed Journal, September 2022
Karaelmas İş Sağlığı ve Güvenliği Dergisi, Other journals, August 2022
Karaelmas İş sağlığı ve Güvenliği Dergisi, Other journals, July 2022
ACS OMEGA, SCI Journal, July 2022
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, April 2022
French-Ukrainian Journal of Chemistry, Journal Indexed in ESCI, March 2022
Open Journal of Nano, Other Indexed Journal, March 2022
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, March 2022
Project Supported by Higher Education Institutions, BAP Research Project, Zonguldak Bülent Ecevit University, Turkey, March 2022
ACS OMEGA, SCI Journal, February 2022
BIOMASS CONVERSION AND BIOREFINERY, SCI Journal, January 2022
ACS OMEGA, SCI Journal, January 2022
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, SCI Journal, July 2021
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, SCI Journal, July 2021
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, SCI Journal, July 2021
Karaelmas İş Sağlığı ve Güvenliği Dergisi, Other Indexed Journal, June 2021
International Journal of Pure and Applied Sciences, Other Journals, May 2021
ENVIRONMENTAL SCIENCE-NANO, SCI Journal, April 2021
TURKISH JOURNAL OF CHEMISTRY, SCI Journal, March 2021
SCIENCE PROGRESS, SCI Journal, March 2021
Project Supported by Higher Education Institutions, BAP MSc, Zonguldak Bülent Ecevit University, Turkey, March 2021
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, SCI Journal, December 2020
Project Supported by Higher Education Institutions, BAP MSc, Karabuk University, Turkey, December 2020
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, SCI Journal, November 2020
Environmental Research & Technology, Other Indexed Journal, September 2020
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, National Scientific Refreed Journal, July 2020
ACS OMEGA, SCI Journal, April 2020
Karaelmas İş Sağlığı ve Güvenliği Dergisi, Other Indexed Journal, March 2020
Journal of Energy, Other Indexed Journal, January 2020
Desalination And Water Treatment, SCI Journal, August 2019

Tasks In Event Organizations

Oğuz Erdoğan F., ICENSS 3. Uluslararası Mühendislik ve Doğa Bilimleri çalışmaları Kongresi, Scientific Congress, Ankara, Turkey, Mayıs 2023

Metrics

Publication: 73

Citation (WoS): 212
Citation (Scopus): 210
H-Index (WoS): 9
H-Index (Scopus): 9

Congress and Symposium Activities

IMASCON Uluslararası Marmara Fen ve Sosyal Bilimler Kongresi (Bahar), Session Moderator, Kocaeli, Turkey, 2019
MAS International Conference on Mathematics-Engineering-NaturalMedical Sciences IV,, Session Moderator, Antalya, Turkey, 2019
Uluslararası Mühendislik ve Teknoloji Yönetimi Kongresi, Session Moderator, İstanbul, Turkey, 2018
INTE - ITICAM - IDEC 2018, Session Moderator, Paris, France, 2018