

Prof. Dr. AYTEN ATEŞ



Kişisel Bilgiler

E-posta: ates@cumhuriyet.edu.tr
Web: <https://avesis.cumhuriyet.edu.tr/ates>



Uluslararası Araştırmacı ID'leri

ORCID: 0000-0002-0806-4549
Yoksis Araştırmacı ID: 5041

Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), Türkiye

1998 - 2003

Yüksek Lisans, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr),
Türkiye 1995 - 1998

Lisans, Ankara Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Türkiye
1991 - 1995

Yabancı Diller

Almanca, B1 Orta
İngilizce, B2 Orta Üstü

Yaptığı Tezler

Doktora, Alkilaramatik karışımının hidrodealkilasyonu-hidrokrakingi katalizör geliştirilmesi, Ankara Üniversitesi, Fen
Bilimleri Enstitüsü, 2003

Yüksek Lisans, Ekstraktif sitrik asit fermentasyonu, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, 1998

Araştırma Alanları

Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof. Dr., Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, 2014 - Devam Ediyor
Doç. Dr., Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, 2009 - 2014
Doç. Dr., Université Bordeaux I, Cnrs, 2013 - 2013
Prof. Dr., Massachusetts Institute of Technology, Chemical Engineering, 2011 - 2012
Doç. Dr., Karlsruhe Institut Für Technologie, Institute For Micro Process Engineering, 2009 - 2009
Yrd. Doç. Dr., Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, 2006 - 2009
Araştırma Görevlisi, Universität Karlsruhe, Institut Für Chemische Verfahrenstechnik, 2003 - 2009

Yrd. Doç. Dr., The Queen's University Of Belfast, Kimya Mühendisliği, 2008 - 2008

Yrd. Doç. Dr., The Queen's University Of Belfast, Kimya Mühendisliği, 2007 - 2007

Araştırma Görevlisi, Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, 2004 - 2006

Araştırma Görevlisi, Karlsruhe Institut Für Technologie, Institut Für Chemische Verfahrenstechnik, 2005 - 2005

Araştırma Görevlisi, Ankara Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2000 - 2003

Araştırma Görevlisi, Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, 1999 - 2000

Uzman, Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, 1998 - 1999

Akademik İdari Deneyim

Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2014 - 2014

Sivas Cumhuriyet Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 2009 - 2011

Verdiği Dersler

Yüksek Lisans

İleri Reaktör Tasarımı, Yüksek Lisans, 2019 - 2020

İleri Kimyasal Tepkime Mühendisliği, Yüksek Lisans, 2019 - 2020

Uzmanlık Alan Dersi, Yüksek Lisans, 2019 - 2020

Seminer Dersi, Yüksek Lisans, 2019 - 2020

Tez Çalışması, Yüksek Lisans, 2018 - 2019

Heterojen Kataliz, Yüksek Lisans, 2016 - 2017

Proses Optimizasyonu, Yüksek Lisans, 2015 - 2016

Lisans

Kimyasal Tepkime Müh. - I, Lisans, 2019 - 2020

Kimyasal Tepkime Müh. - I, Lisans, 2019 - 2020

Kimyasal Tepkime Müh. - II, Lisans, 2018 - 2019

Kimyasal Tepkime Müh. - II, Lisans, 2018 - 2019

Kim. Müh. Lab. - I, Lisans, 2018 - 2019

Kim.Müh.Lab. - II, Lisans, 2017 - 2018

Kim.Müh.Lab. - II, Lisans, 2017 - 2018

Kim. Tepk.Müh. - II, Lisans, 2014 - 2015

Fiziko Kimya - I, Lisans, 2012 - 2013

Fiziko Kimya - I, Lisans, 2012 - 2013

Fiziko Kimya - I, Lisans, 2012 - 2013

Fiziksel Kimya - I, Lisans, 2012 - 2013

Fiziksel Kimya - I, Lisans, 2012 - 2013

Fiziko Kimya - II, Lisans, 2010 - 2011

Fiziko Kimya - II, Lisans, 2010 - 2011

Fiziko Kimya - II, Lisans, 2010 - 2011

Fiziko Kimya - II, Lisans, 2010 - 2011

Kim. Tepk.Müh. - I, Lisans, 2010 - 2011

Kimya Mühendisliğinde Sayısal Yöntemler, Lisans, 2009 - 2010

Kimya Mühendisliğinde Sayısal Yöntemler, Lisans, 2009 - 2010

Fiziko Kimya Lab., Lisans, 2010 - 2011

Fiziko Kimya Lab., Lisans, 2010 - 2011

Kim. Müh. Lab. - I, Lisans, 2009 - 2010

Kütle ve Enerji Denk. - II, Lisans, 2009 - 2010

Kütle ve Enerji Denk. - II, Lisans, 2007 - 2008
Kim. Tepk.Müh. - I, Lisans, 2008 - 2009
Kütle ve Enerji Denk. - II, Lisans, 2007 - 2008
Temel Bilgisayar Bilimleri, Lisans, 2006 - 2007
Temel Bilgisayar Teknolojileri Kullanımı, Lisans, 2007 - 2008

Yönetilen Tezler

Ateş A., Li-S pilleri için bor katkılı fındikkabuğu biyokömürlerinin üretimi ve karakterizasyonu, Yüksek Lisans, B.Aydemir(Öğrenci), Devam Ediyor
Ateş A., Ham ve muamele edilmiş çay atıklarının adsorpsiyon özelliklerinin incelenmesi, Yüksek Lisans, Y.MERT(Öğrenci), 2019
Ateş A., Oksit katalizörlerinin varlığında süperkritik su atmosferinde formaldehitin katalitik gazlaştırılması, Yüksek Lisans, H.HATİPOĞLU(Öğrenci), 2019
ATEŞ A., Zirkonyum oksit ile süperkritik su atmosferinde formaldehitin katalitik gazlaştırılması, Yüksek Lisans, O.MERT(Öğrenci), 2017
ATEŞ A., Süperkritik su atmosferinde formaldehitin katalitik gazlaştırılması, Yüksek Lisans, G.YAŞAR(Öğrenci), 2016
ATEŞ A., İçme sularından mangan ve arsenik gideriminde doğal ve modifiye edilmiş zeolitlerin kullanımı, Yüksek Lisans, İ.ÖZKAN(Öğrenci), 2014

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Estimation of specific surface area and higher heating value of biochar and activated carbon produced by pyrolysis and physico-chemically assisted pyrolysis of biomass using an artificial neural network (ANN)**
Balde M. S., KARAKİŞ R., ATEŞ A.
Biomass Conversion and Biorefinery, 2025 (SCI-Expanded)
- II. **Investigation of physicochemical and chemical properties of biochar activated with carbonate, nitrate, and borohydride**
ATEŞ A.
Biomass Conversion and Biorefinery, cilt.15, sa.2, ss.2397-2407, 2025 (SCI-Expanded)
- III. **Influence of V2O5 loading on the dielectric properties and AC conductivity of TiO2**
ATEŞ A., Brahim K. B., Oueslati A., Gargouri M.
Journal of Materials Science: Materials in Electronics, cilt.35, sa.32, 2024 (SCI-Expanded)
- IV. **Investigation of physicochemical and biological properties of boron-doped biochar**
Ateş A., Aydemir B., Öksüz K. E.
Biomass Conversion and Biorefinery, cilt.14, sa.20, ss.26355-26369, 2024 (SCI-Expanded)
- V. **Preparation and characterization of Fe3O4/ZIF-8 and Fe3O4-MnO2/ZIF-8 composites**
Kümbetlioğlu F., OSKAY K. O., ATEŞ A.
Journal of the Iranian Chemical Society, cilt.21, sa.4, ss.1079-1088, 2024 (SCI-Expanded)
- VI. **Direct co-deposition of binder-free Cu-biochar-based nonenzymatic disposable sensing element for electrochemical glucose detection**
Larasati L. D., ATEŞ A., OSKAY K. O.
Surfaces and Interfaces, cilt.42, 2023 (SCI-Expanded)
- VII. **Evaluation of iron containing biochar composites prepared by different preparation methods for H2O2 sensing**
ATEŞ A., OSKAY K. O.
Journal of the Taiwan Institute of Chemical Engineers, cilt.152, 2023 (SCI-Expanded)
- VIII. **Synthesis, optical properties and conduction mechanism study of α - and γ -NaMnO2 materials**

- Boukthir M., Krimi M., Karoui K., Altarifi S. M., Mahmoud A., Boschini F., Ateş A., Ben Rhaiem A.
New Journal of Chemistry, cilt.47, sa.45, ss.21107-21117, 2023 (SCI-Expanded)
- IX. Preparation, Characterization, and Application of Metal Oxide-Doped Zeolitic Imidazolate Framework
Kümbetlioğlu F., OSKAY K. O., ÇIPLAK Z., ATEŞ A.
ACS Omega, cilt.8, sa.30, ss.27650-27662, 2023 (SCI-Expanded)
- X. Investigation of structural, morphology, and conduction mechanism of GO-Fe₃O₄-TiO₂ composite material
ATEŞ A., brahim K. b., Çakmak N. K., Oueslati A., Gargouri M.
Journal of Materials Science: Materials in Electronics, cilt.34, sa.24, 2023 (SCI-Expanded)
- XI. The effect of microwave and ultrasound activation on the characteristics of biochar produced from tea waste in the presence of H₃PO₄ and KOH
Ateş A.
BIOMASS CONVERSION AND BIOREFINERY, cilt.13, sa.10, ss.9075-9094, 2023 (SCI-Expanded)
- XII. Structural, dielectric and transport properties of Na_xFe_{1/2}Mn_{1/2}O₂ (x = 1 and 2/3)
Missaoui F., Trablsi K., Moufida K., Ateş A., Mahmoud A., Boschini F., Ben Rhaiem A.
RSC Advances, cilt.13, sa.26, ss.17923-17934, 2023 (SCI-Expanded)
- XIII. Evaluation of characteristics of raw tea waste-derived adsorbents for removal of metals from aqueous medium
Ateş A., Mert Y., Timko M. T.
BIOMASS CONVERSION AND BIOREFINERY, cilt.13, sa.9, ss.7811-7826, 2023 (SCI-Expanded)
- XIV. Synthesis and characterization of molybdenum trioxide with an orthorhombic crystal structure for supercritical water gasification application
ATEŞ A., Hatipoğlu H.
Journal of Molecular Structure, cilt.1275, 2023 (SCI-Expanded)
- XV. Optimization of Paracetamol and Chloramphenicol Removal by Novel Activated Carbon Derived from Sawdust Using Response Surface Methodology
Romdhani M., Attia A., Charcosset C., Mahouche-Chergui S., ATEŞ A., Duplay J., Ben Amar R.
Sustainability (Switzerland), cilt.15, sa.3, 2023 (SCI-Expanded)
- XVI. Bamboo as a Cost-Effective Source of Renewable Carbon for Sustainable Economic Development in Low- and Middle-Income Economies
Ekwe N. B., Tyufekchiev M. V., Salifu A. A., Schmidt-Rohr K., Zheng Z., Maag A. R., Tompsett G. A., Cai C. M., Onche E. O., ATEŞ A., et al.
Energies, cilt.16, sa.1, 2023 (SCI-Expanded)
- XVII. Mechanochemical Pretreatment for Waste-Free Conversion of Bamboo to Simple Sugars: Utilization of Available Resources for Developing Economies
Ekwe N. B., Tyufekchiev M., Salifu A. A., Tompsett G. A., Leclerc H. O., Belden E. R., Onche E. O., Ateş A., Schmidt-Rohr K., Yuan S., et al.
ADVANCED SUSTAINABLE SYSTEMS, cilt.6, sa.4, 2022 (SCI-Expanded)
- XVIII. Preparation and characterization of nanosized Fe₃O₄-biochar electrocatalysts with large surface area for H₂O₂ sensing
ATEŞ A., OSKAY K. O.
SURFACES AND INTERFACES, cilt.29, 2022 (SCI-Expanded)
- XIX. Evaluation of Stability and Catalytic Activity in Supercritical Water of Zinc Oxide Samples Prepared by the Sol-Gel Method
Ateş A., Hatipoglu H.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, cilt.31, sa.12, ss.4581-4593, 2021 (SCI-Expanded)
- XX. Activity and stability of TiO₂ samples with different phase compositions in the decomposition of formaldehyde in SCW
Ateş A.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.46, sa.2, ss.1842-1856, 2021 (SCI-Expanded)

- XXI. **Experimental and Computational Evaluation of Heavy Metal Cation Adsorption for Molecular Design of Hydrothermal Char**
Delahaye L., Hobson J. T., Rando M. P., Sweeney B., Brown A. B., Tompsett G. A., Ateş A., Deskins N. A., Timko M. T.
ENERGIES, cilt.13, sa.16, 2020 (SCI-Expanded)
- XXII. **Characterization of persimmon fruit peel and its biochar for removal of methylene blue from aqueous solutions: thermodynamic, kinetic and isotherm studies**
Ateş A., Oymak T.
INTERNATIONAL JOURNAL OF PHYTOREMEDIATION, cilt.22, sa.6, ss.607-616, 2020 (SCI-Expanded)
- XXIII. **The modification of aluminium content of natural zeolites with different composition**
Ateş A.
POWDER TECHNOLOGY, cilt.344, ss.199-207, 2019 (SCI-Expanded)
- XXIV. **Effect of alkali-treatment on the characteristics of natural zeolites with different compositions**
ATEŞ A.
JOURNAL OF COLLOID AND INTERFACE SCIENCE, cilt.523, ss.266-281, 2018 (SCI-Expanded)
- XXV. **Role of Modification of Natural Zeolite in Removal of Arsenic from Aqueous Solutions**
Ateş A., Ozkan I., Topal Canbaz G.
ACTA CHIMICA SLOVENICA, cilt.65, sa.3, ss.586-598, 2018 (SCI-Expanded)
- XXVI. **Synthesis and characterization of hybrid iron oxide silicates for selective removal of arsenic oxyanions from contaminated water**
El-Moselhy M. M., ATEŞ A., ÇELEBİ A.
JOURNAL OF COLLOID AND INTERFACE SCIENCE, cilt.488, ss.335-347, 2017 (SCI-Expanded)
- XXVII. **Modification of natural zeolite with NaOH for removal of manganese in drinking water**
ATEŞ A., Akgul G.
POWDER TECHNOLOGY, cilt.287, ss.285-291, 2016 (SCI-Expanded)
- XXVIII. **Effect of pre-treatment and modification conditions of natural zeolites on the decomposition and reduction of N₂O**
Ates A.
REACTION KINETICS MECHANISMS AND CATALYSIS, cilt.114, sa.2, ss.421-432, 2015 (SCI-Expanded)
- XXIX. **Role of modification of natural zeolite in removal of manganese from aqueous solutions**
Ates A.
POWDER TECHNOLOGY, cilt.264, ss.86-95, 2014 (SCI-Expanded)
- XXX. **The role of catalyst in supercritical water desulfurization**
Ates A., Azimi G., Choi K., Green W. H., Timko M. T.
APPLIED CATALYSIS B-ENVIRONMENTAL, cilt.147, ss.144-155, 2014 (SCI-Expanded)
- XXXI. **Influence of treatment conditions on decomposition activity of N₂O over FeZSM-5 with high iron content**
Ates A.
CATALYSIS SCIENCE & TECHNOLOGY, cilt.4, sa.7, ss.2031-2041, 2014 (SCI-Expanded)
- XXXII. **Thin-Film Catalytic Coating of a Microreactor for Preferential CO Oxidation over Pt Catalysts**
ATEŞ A., Pfeifer P., Goerke O.
CHEMIE INGENIEUR TECHNIK, cilt.85, sa.5, ss.664-672, 2013 (SCI-Expanded)
- XXXIII. **Oxidative dehydrogenation of propane with N₂O over Fe-ZSM-5 and Fe-SiO₂: Influence of the iron species and acid sites**
Ateş A., Hardacre C., Goguet A.
APPLIED CATALYSIS A-GENERAL, cilt.441, ss.30-41, 2012 (SCI-Expanded)
- XXXIV. **Surface oxygen generated upon N₂O activation on iron containing ZSM-5 type zeolites with different elemental composition**
ATEŞ A., Reitzmann A., Waters G.
APPLIED CATALYSIS B-ENVIRONMENTAL, cilt.119, ss.329-339, 2012 (SCI-Expanded)
- XXXV. **The effect of various treatment conditions on natural zeolites: Ion exchange, acidic, thermal and steam treatments**

- ATEŞ A., Hardacre C.
JOURNAL OF COLLOID AND INTERFACE SCIENCE, cilt.372, ss.130-140, 2012 (SCI-Expanded)
- XXXVI. **Abatement of nitrous oxide over natural and iron modified natural zeolites**
ATEŞ A., Reitzmann A., Hardacre C., YALÇIN H.
APPLIED CATALYSIS A-GENERAL, cilt.407, ss.67-75, 2011 (SCI-Expanded)
- XXXVII. **Characteristics of Fe-exchanged natural zeolites for the decomposition of N₂O and its selective catalytic reduction with NH₃**
ATEŞ A.
APPLIED CATALYSIS B-ENVIRONMENTAL, cilt.76, ss.282-290, 2007 (SCI-Expanded)
- XXXVIII. **Experimental techniques for investigating the surface oxygen formation in the N₂O decomposition on Fe-MFI zeolites**
Ates A., Reitzmann A.
CHEMICAL ENGINEERING JOURNAL, cilt.134, ss.218-227, 2007 (SCI-Expanded)
- XXXIX. **Heavy metal removal from aqueous solution by Pseudevernia furfuracea (L.) Zopf**
Ates A., Yildiz A., Yildiz N., Calimli A.
ANNALI DI CHIMICA, cilt.97, ss.385-393, 2007 (SCI-Expanded)
- XL. **The interaction of N₂O with ZSM-5-type zeolites: A transient, multipulse investigation**
Ates A., Reitzmann A.
JOURNAL OF CATALYSIS, cilt.235, sa.1, ss.164-174, 2005 (SCI-Expanded)
- XLI. **Transient multi pulse method for the determination of N₂O - Interaction with ZSM-5 type zeolites**
Ates A., Reitzmann A.
REACTION KINETICS AND CATALYSIS LETTERS, cilt.86, sa.1, ss.11-20, 2005 (SCI-Expanded)
- XLII. **Development of a polyfunctional catalyst for benzene production from pyrolysis gasoline**
Alibeyli R., Karaduman A., Yeniova H., Ates A., Bilgesu A.
APPLIED CATALYSIS A-GENERAL, cilt.238, sa.2, ss.279-287, 2003 (SCI-Expanded)

Düger Dergilerde Yayınlanan Makaleler

- I. **Effect of Catalyst Modification on Hydrodealkylation of AromaticMixtures**
Ates A., Yeniova H., Alibeyli R.
Journal of Polytechnic, cilt.3, sa.1, ss.10-20, 2021 (ESCI)
- II. **Doğal ve modifiye edilmiş sepiyolit ile sulu çözeltilerden arsenik ve manganın adsorpsiyon ile ayrimı**
ATEŞ A., YAŞAR G.
Academic Platform Journal of Engineering and Science, cilt.7, sa.1, ss.1, 2019 (Hakemli Dergi)
- III. **Production and characterisation of biochar from tea waste and its nickel removal capacity from aqueous solutions**
AKGÜL G., ATEŞ A., HATİPOĞLU H., YAŞAR G.
Progress in Industrial Ecology -An International Journal, cilt.11, sa.2, ss.105-117, 2017 (Hakemli Dergi)

Kitaplar

- I. **Makine Öğrenim Destekli Biyokarbon Üretim Tahmini ve Anaerobik Sindirimdeki Biyokarbon Uygulamaları**
ATEŞ A.
Tüm yönlerleri ile Enerji 4.0 ve Yapay Zeka, , Editör, SİVAS CUMHURİYET ÜNİVERSİTESİ, Sivas, ss.33-46, 2024

Hakemli Bilimsel Toplantılarda Yayımlanmış Bildiriler

- I. Application of chemically and physically activated hazelnut shell biochar for supercapacitors
Rossi Z., Çalışkan Ş., ATEŞ A.
5. Bioenergy Studies Symposium, Türkiye, 17 Ocak 2024, (Özet Bildiri)
- II. Effect of iron precursorson the properties of magnetic biochar composites for H₂O₂ sensing
ATEŞ A., OSKAY K. O.
5. Bioenergy Studies Symposium, Türkiye, 17 - 18 Ocak 2024, (Özet Bildiri)
- III. Sulu ortamdan boyaların uzaklaştırılmasında biyokömürün performansı
ATEŞ A.
3 rd International Conference on Scientific and Academic Research, Konya, Türkiye, 25 Aralık 2023, cilt.1, ss.680-689, (Tam Metin Bildiri)
- IV. PRODUCTION OF BIOCHAR AND APPLICATIONS FOR SUPERCAPACITORS FROM VARIOUS PLANT SOURCES
ATEŞ A.
INTERNATIONAL CONGRESS ON ADVANCED RESEARCH AND APPLICATIONS, Sivas, Türkiye, 01 Aralık 2023, cilt.1, ss.507-529, (Tam Metin Bildiri)
- V. Supercapacitor performance of activated biochar derived from raw tea waste
Çalışkan Ş., Balde M. S., ATEŞ A.
10th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2023), 27 Eylül 2023, (Özet Bildiri)
- VI. Artificial Neural Network Modeling of Biochar Produced by Chemical and Physical Activation from Raw Tea Waste
Balde M. S., KARAKİŞ R., ATEŞ A.
19TH Asian Chemical Congress, İstanbul, Türkiye, 09 Temmuz 2023, (Özet Bildiri)
- VII. Synthesis and Characterization of Metal (Cu, Mn and Fe) -Doped ZIF-8 Metal Organic Framework for Supercapacitor Applications
Kümbetlioğlu F., ATEŞ A.
8th NANO Boston Conference (NWC Boston-2022), Bastogne, Belçika, 31 Ekim - 02 Kasım 2022, ss.47, (Özet Bildiri)
- VIII. Graphene based electrochemical sensors for sensitive detection of glucose
ATEŞ A.
The Fifth International Conference on Engineering Sciences on Biology and Medicine, Sousse, Tunus, 21 Ekim 2022, ss.77, (Özet Bildiri)
- IX. Research of new material, for the electrochemical sensors, based on graphene oxide
Hammami N., KEKLİKÇİOĞLU ÇAKMAK N., TOPAL CANBAZ G., ATEŞ A., Megdiche M.
The Fifth International Conference on Engineering Sciences on Biology and Medicine, Sousse, Tunus, 21 - 23 Ekim 2022, ss.18-16, (Özet Bildiri)
- X. Preparation and characteristics of boron phosphate by chemical activated pyrolysis of biomass
Aydemir B., ARIK M. N., ATEŞ A.
Uluslararası Bor Sempozyumu'na (BORON 2022), İstanbul, Türkiye, 5 - 07 Ekim 2022, cilt.1, ss.1-7
- XI. Nonenzymatic Glucose Sensor Based on In Situ Reduction of NiO-Graphene Nanocomposite
Gharsallah F., Topal Canbaz G., Keklikcioğlu Çakmak N., Oskay K. O., Ateş A., Ghorbel N., Arous M., Maalej R.
5th International Conference on Physical Chemistry & Functional Materials, Sivas, Türkiye, 23 - 25 Haziran 2022, ss.40, (Özet Bildiri)
- XII. Reduced Graphene Oxide Decorated with Nickel Nanoparticles for Glucose Sensing
Gharsallah F., TOPAL CANBAZ G., KEKLİKÇİOĞLU ÇAKMAK N., ATEŞ A., OSKAY K. O., Ghorbel N., Arous M.
5 th International Conference on Physical Chemistry & Functional Materials (PCFM), 23 Haziran 2022, (Tam Metin Bildiri)
- XIII. Sol-Gel Synthesis of Molybdenum Trioxide with an Orthorhombic Crystal Structure for Supercritical Water Gasification Application
ATEŞ A., HATİPOĞLU H.
5 th International Conference on Physical Chemistry & Functional Materials, Sivas, Türkiye, 23 - 25 Haziran

- 2022, cilt.1, ss.38, (Özet Bildiri)
- XIV. THE EFFECT OF CALCINATION TEMPERATURE ON THE STRUCTURE AND MORPHOLOGY OF ZnO PRODUCED BY THE SOL-GEL METHOD
ATEŞ A.
INTERNATIONAL CAPPADOCIA SCIENTIFIC RESEARCH CONGRESS, Nevşehir, Türkiye, 15 Aralık 2021, cilt.3, ss.9-16, (Tam Metin Bildiri)
- XV. FINDIKKABUĞU BIYOKÖMÜRÜNÜN YÜZYEY ÖZELLİKLERİNİN MODİFİKASYONU
ATEŞ A.
INTERNATIONAL CAPPADOCIA SCIENTIFIC RESEARCH CONGRESS, Nevşehir, Türkiye, 15 Aralık 2021, cilt.3, ss.17-29, (Tam Metin Bildiri)
- XVI. Preparation and Characterization of Boron- Doped Nutshell Biochar for Li-S Battery
Aydemir B., ATEŞ A.
3rd Bioenergy Studies Symposium, Samsun, Türkiye, 20 - 21 Mayıs 2021, cilt.1, ss.58, (Özet Bildiri)
- XVII. Modification of Pore and Surface Characteristics of Biochar Produced from Raw Tea Waste
Ateş A.
3rd Bioenergy Studies Symposium, Samsun, Türkiye, 20 Mayıs 2021, ss.54, (Özet Bildiri)
- XVIII. Ceviz kabuğu biyokömürünün sulu çözeltilerden arsenik gideriminde kullanımı
ATEŞ A.
2. International Conference on Technology and Science, 14 - 16 Kasım 2019, cilt.2, ss.537-544, (Tam Metin Bildiri)
- XIX. Sulu çözeltilerden arsenik gideriminde findikkabuğu biyokömürünün kullanımı
ATEŞ A.
2. International Conference on Technology and Science, 14 - 16 Kasım 2019, cilt.1, ss.1046-1053, (Tam Metin Bildiri)
- XX. Sulu çözeltilerden arsenik giderimi için bitkisel atık karışımlarından üretilen biyokömürlerin karakteristikleri
ATEŞ A.
2. International Conference on Technology and Science, 14 - 16 Kasım 2019, cilt.2, ss.1046-1053
- XXI. Synthesis and characterisation of ZnO particules
ATEŞ A.
4th International Energy Engineering Congress, Gaziantep, Türkiye, 24 - 25 Ekim 2019, cilt.1, ss.364-376
- XXII. Use of tea waste based adsorbents for the removal of cationic dye from aqueous solutions
ATEŞ A., OYMAK T., MERT Y.
4th International Energy Engineering Congress, Gaziantep, Türkiye, 24 - 25 Ekim 2019, cilt.2, ss.377-382, (Tam Metin Bildiri)
- XXIII. Arsenic removal from aqueous solutions with alkali treated natural zeolites
ATEŞ A.
1st International Conference on Environment, Technology and Management (ICETEM), Niğde, Türkiye, 27 - 29 Haziran 2019, cilt.1, ss.467-475, (Tam Metin Bildiri)
- XXIV. Effect of aluminium content of zeolites on the arsenic removal from aquous solutions
ATEŞ A.
1st International Conference on Environment, Technology and Management (ICETEM), Niğde, Türkiye, 27 - 29 Haziran 2019, cilt.1, ss.467-475, (Tam Metin Bildiri)
- XXV. OXIDATIVE DEHYDROGENATION OF N-BUTANE OVER Fe-ZSM-5 ZEOLITES
ATEŞ A.
I. ANADOLU ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, Diyarbakır, Türkiye, 28 - 29 Aralık 2018, ss.1373-1382, (Tam Metin Bildiri)
- XXVI. THE CHARACTERISTICS OF MAGNETIC ADSORBENTS PRODUCED FROM COPYROLYSIS OF AGRICULTURE WASTES WITH Fe(III)
ATEŞ A.
1. Anadolu Uluslararası Multidisipliner Çalışmalar Kongresi, Diyarbakır, Türkiye, 28 - 29 Aralık 2018, ss.1383-1390, (Tam Metin Bildiri)

- XXVII. EFFECT OF CHARACTERISTICS OF Fe- ZSM-5 ZEOLITES ON OXIDATIVEDEHYDROGENATION ACTIVITY OF PROPANE WITH N₂O AND O₂**
ATEŞ A.
1. Anadolu Uluslararası Multidisipliner Çalışmalar Kongresi, Diyarbakır, Türkiye, 28 - 29 Aralık 2018, (Tam Metin Bildiri)
- XXVIII. Effects of Modifications of Natural zeolites upon Removal of Manganese from Aqueous Solutions**
ATEŞ A.
3rd International Colloquium Energy and Environmental Protectio, 14 - 16 Kasım 2018, ss.55-56, (Özet Bildiri)
- XXIX. Stability of Zinc Oxide Samples Prepared with Sol Gel Method in Supercritical Water**
ATEŞ A.
3rd International Colloquium Energy and Environmental Protection, 14 - 16 Kasım 2018, ss.54-55, (Özet Bildiri)
- XXX. Production and characterization of Biochar from Fruid and vegetable wastes**
ATEŞ A.
International Engineering and Technology Symposium, Türkiye, 3 - 05 Mayıs 2018, ss.237, (Özet Bildiri)
- XXXI. Preparation and characterization of zinc oxide catalyst for gasification of glucose in supercritical water**
ATEŞ A.
1. International Balkan Chemistry Congress, Edirne, Türkiye, 17 - 20 Eylül 2018, ss.120, (Özet Bildiri)
- XXXII. Influence of iron content and treatment conditions on the oxidativehydrogenation of propane over zsm-5 zeolites with low iron content**
ATEŞ A.
1. International Balkan Chemistry Congress, Edirne, Türkiye, 17 - 20 Eylül 2018, ss.115, (Özet Bildiri)
- XXXIII. Removal of Methylene Blue From Aqueous Solution by Persimmon Fruit Shell As Natural Biosorbent**
Kargı E. C., Keçe T., Işık Ç., OYMAK T., ATEŞ A.
3rd International Conference on Engineering Technology and Applied Sciences Congress, 17 - 21 Temmuz 2018, (Özet Bildiri)
- XXXIV. Modification and characterization of tea waste for removal of heavy metals from solutions**
Demir Y., OYMAK T., ATEŞ A.
3. International Conference on Civil and Environmental Engineering (ICOCEE)", 24 - 27 Nisan 2018, (Özet Bildiri)
- XXXV. The influence of aluminum content of natural zeolites on their adsorption characteristics**
ATEŞ A.
3. International Conference on Civil and Environmental Engineering (ICOCEE), İzmir, Türkiye, 24 - 27 Nisan 2018, (Özet Bildiri)
- XXXVI. Gasification of formaldehyde into hydrogen and methane on zinc oxide catalyst in supercritical water**
ATEŞ A., Hatipoğlu H.
8th International Advanced Technologies Symposium (IATS'17), 19 - 22 Ekim 2017, ss.220, (Özet Bildiri)
- XXXVII. Synthesis and characterisation of molybdenum oxide for gasification of formaldehyde in supercritical water**
ATEŞ A., HATİPOĞLU H.
8th International Advanced Technologies Symposium (IATS'17), 19 - 22 Ekim 2017, ss.226, (Özet Bildiri)
- XXXVIII. Modification and characterization of tea waste for removal of dyes from solutions**
Demir Y., OYMAK T., ATEŞ A.
2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, 8 - 10 Mayıs 2017, (Özet Bildiri)
- XXXIX. Modification and characterization of tea waste for removal of dyes from solutions**
DEMİR Y., OYMAK T., ATEŞ A.
2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, 8 - 10 Mayıs 2017, (Özet Bildiri)
- XL. Gasification of formaldehyde into hydrogen and methane on zirconium oxide catalyst in supercritical water**

- ATEŞ A., MERT O., YAŞAR G., EKİNCİ MACHIN N.
"International Conference on Energy and Thermal Engineering: İstanbul 2017", 25 - 28 Nisan 2017, (Özet Bildiri)
- XLI. **Stability and activity of zirconium oxide in catalytic supercritical water gasification of formaldehyde**
ATEŞ A., MERT O.
The International Conference on Engineering Technology and Innovation (ICETI), 22 - 26 Mart 2017, ss.92, (Özet Bildiri)
- XLII. **Activity and stability of TiO₂ catalysts in catalytic decomposition of formaldehyde in supercritical water**
ATEŞ A.
The International Conference on Engineering Technology and Innovation (ICETI), 22 - 26 Mart 2017, (Özet Bildiri)
- XLIII. **Demir Yüklenmiş Hibrid Silika Kullanarak Sudan Arseniğin Seçimli Giderimi**
ATEŞ A., ElMoselhy M. M.
3rd INTERNATIONAL SYMPOSIUM ON ENVIRONMENT AND MORALITY, 4 - 06 Kasım 2016, (Tam Metin Bildiri)
- XLIV. **Influence of Aluminium Introduced into Natural Zeolites on Arsenic Removal from Aqueous Medium**
ATEŞ A.
2nd INTERNATIONAL TURKIC WORLD CONFERENCE ON CHEMICAL SCIENCES AND TECHNOLOGIES(2nd ITWCCST), 26 - 30 Ekim 2016, (Tam Metin Bildiri)
- XLV. **Synthesis and Characterization of Manganese Oxide Nanoparticles for Decomposition of Formaldehyde in Supercritical Water**
ATEŞ A.
III INTERNATIONAL TURKIC WORLD CONFERENCE ON CHEMICAL SCIENCES AND TECHNOLOGIES(2nd ITWCCST), 26 - 30 Ekim 2016, (Özet Bildiri)
- XLVI. **DEMİR YÜKLENMİŞ DOĞAL ZEOLİTLER İLE SULU ÇÖZELTİLERDEN ARSENİK GİDERİMİ**
ATEŞ A., Kekul G., Bolukbasi F. G., Oteles A., Alic F.
ULUSAL KİMYA MÜHENDİSLİĞİ KONGRESİ (UKMK2016), Türkiye, 23 - 26 Ağustos 2016, (Özet Bildiri)
- XLVII. **Production and Characterization of Blochar from Tea Waste and Its Nickel Removal Capacity from Aqueous Solutions**
Akgul G., ATEŞ A., Yasar G., Hatipoglu H.
4th "International Conference on Renewable Energy: Generation and Applications" ICREGA'16, 8 - 10 Şubat 2016, (Özet Bildiri)
- XLVIII. **IMPORTANCE OF NATURAL ZEOLITE COMPOSITION IN MANGANESE TREATMENT FOR DRINKING WATER**
ATEŞ A., ÇELEBİ A.
3. International Water Congress, 8 - 10 Ekim 2015, (Özet Bildiri)
- XLIX. **The synthesis and characterization of sol gel TiO₂ for decomposition of formaldehyde in SCW**
YAŞAR G., ATEŞ A.
1st International Conference on Green Chemistry and Sustainable Technologies (GCSTI 2015), 30 Eylül - 03 Ekim 2015, (Özet Bildiri)
- L. **Using natural and modified zeolites for removal of manganese and arsenic in drinking water**
ATEŞ A., ÖZKAN İ.
2nd International Symposium on Environment and morality (ISEM2014), 24 Ekim 2014 - 26 Haziran 2015, (Tam Metin Bildiri)
- LI. **The Synthesis and Characterization of nano CeO₂ for Decomposition of Formaldehyde in SCW**
ÇOKUNER S., EKİNCİ MACHIN N., DUYGULU Ö., ATEŞ A., YAŞAR G.
NanoTR 11, Türkiye, 22 - 25 Haziran 2015, (Tam Metin Bildiri)
- LII. **The use of natural and modified sepiolite for removal of arsenic in drinking water**
ATEŞ A.
3rd INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND, 3 - 05 Haziran 2015, ss.1687-1696, (Tam Metin Bildiri)
- LIII. **The Oxidative Dehydrogenation Of Propane With Nitrous Oxide OverIron Containing Zsm-5 Zeolites**
TOPAL G., ATEŞ A.

- 44th World Chemistry Congress, 11 - 16 Ağustos 2013, (Özet Bildiri)
- LIV. **Supercritical water desulfurization of model sulfur compounds**
Patwardhan P. R., Kida Y., Ates A., Hernandez H. H., Timko M. T., Green W. H.
243rd National Spring Meeting of the American-Chemical-Society, California, Amerika Birleşik Devletleri, 25 - 29 Mart 2012, cilt.243, (Özet Bildiri)
- LV. **Catalytic Combustion of Methane**
MACHIN N., Çakırca E., ATEŞ A.
6th International Advanced Technologies Symposium, 16 Mayıs 2011 - 18 Mart 2012, cilt.5, ss.253-256, (Tam Metin Bildiri)

Bilimsel Yayınlarda Hakemlikler

INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Kapsamındaki Dergi, Mayıs 2021
ARABIAN JOURNAL OF CHEMISTRY, SCI Kapsamındaki Dergi, Mayıs 2021
Cleaner Engineering and Technology, Diğer İndekslerce Taranan Dergi, Nisan 2021
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Kapsamındaki Dergi, Nisan 2021
CHEMOSPHERE, SCI Kapsamındaki Dergi, Mart 2021
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Kapsamındaki Dergi, Mart 2020
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Kapsamındaki Dergi, Temmuz 2019
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Kapsamındaki Dergi, Nisan 2019
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Kapsamındaki Dergi, Aralık 2018
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Kapsamındaki Dergi, Mayıs 2017
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, SCI Kapsamındaki Dergi, Nisan 2017
CHEMOSPHERE, SCI Kapsamındaki Dergi, Şubat 2017

Metrikler

Yayın: 104
Atıf (WoS): 471
Atıf (Scopus): 775
H-İndeks (WoS): 11
H-İndeks (Scopus): 15

Akademi Dışı Deneyim

MİLLÎ EĞİTİM BAKANLIĞI, Öğretmen