



Birim : TEKNİK BİLİMLER MESLEK YÜKSEKOKULU
KİMYA VE KİMYASAL İŞLEME TEKNOLOJİLERİ BÖLÜMÜ
KİMYA TEKNOLOJİSİ PR.

E-Posta : erdalyabalak@mersin.edu.tr

ORCID : [0000-0002-4009-4174](https://orcid.org/0000-0002-4009-4174)

ÜAK Temel Alan : Fen Bilimleri ve Matematik Temel Alanı
Kimya
Analitik Kimya



ERDAL YABALAK

Prof. Dr.

Öğrenim Bilgisi

2011 - 2015 **Doktora** FEN BİLİMLERİ ENSTİTÜSÜ/KİMYA (DR)/

Tez adı: Subkritik su oksidasyonu ile farklı oksidantlar kullanarak 6-aminopenisillanik asit ve kloksasillin maddelerinin bozunmasının incelenmesi (2015) Tez Danışmanı: AHMET MURAT GİZİR, HACI ALİ DÖNDAŞ

2008 - 2011 **Yüksek Lisans-Tezli** FEN BİLİMLERİ ENSTİTÜSÜ/KİMYA (YL) (TEZLİ)/

Tez adı: Subkritik ve süperkritik akışkanlarla kum ve arıtma çamurundan ağır metal ekstraksiyonu (2010) Tez Danışmanı: AHMET MURAT GİZİR

2003 - 2008 **Lisans** FEN-EDEBİYAT FAKÜLTESİ/KİMYA BÖLÜMÜ/KİMYA PR./

Akademik Görevler

2026 - **PROFESÖR** MERSİN ÜNİVERSİTESİ/TEKNİK BİLİMLER MESLEK YÜKSEKOKULU/KİMYA VE KİMYASAL İŞLEME TEKNOLOJİLERİ BÖLÜMÜ/KİMYA TEKNOLOJİSİ PR./

2022 - 2026 **DOÇENT** MERSİN ÜNİVERSİTESİ/TEKNİK BİLİMLER MESLEK YÜKSEKOKULU/KİMYA VE KİMYASAL İŞLEME TEKNOLOJİLERİ BÖLÜMÜ/KİMYA TEKNOLOJİSİ PR./

2022 - 2022 **DOÇENT** MERSİN ÜNİVERSİTESİ/FEN FAKÜLTESİ/KİMYA BÖLÜMÜ/ANALİTİK KİMYA ANABİLİM DALI/

2019 - 2022 **DOÇENT** MERSİN ÜNİVERSİTESİ/FEN-EDEBİYAT FAKÜLTESİ/KİMYA BÖLÜMÜ/ANALİTİK KİMYA ANABİLİM DALI/

2017 - 2019 **ÖĞRETİM GÖREVLİSİ** MERSİN ÜNİVERSİTESİ/FEN-EDEBİYAT FAKÜLTESİ/KİMYA BÖLÜMÜ/ANALİTİK KİMYA ANABİLİM DALI/

2015 - 2017 **ARAŞTIRMA GÖREVLİSİ** MERSİN ÜNİVERSİTESİ/FEN-EDEBİYAT FAKÜLTESİ/KİMYA BÖLÜMÜ/

2008 - 2015 **ARAŞTIRMA GÖREVLİSİ** MERSİN ÜNİVERSİTESİ/FEN BİLİMLERİ ENSTİTÜSÜ/KİMYA (YL) (TEZLİ)/

İdari Görevler

2026 - **Yönetim Kurulu Üyeliği** MERSİN ÜNİVERSİTESİ

2026 - **Bölüm Başkanı** MERSİN ÜNİVERSİTESİ

Yönetilen Tezler

A. Yüksek Lisans Tezleri (15)

- NAZLI TEKİN, 2026, Yassı polimer boruların üretiminde hidrokömür ve farklı boyutlukarbon siyahı katkılarının malzeme performansına etkisi, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Nanoteknoloji ve İleri Malzemeler Ana Bilim Dalı
- FARAH AL HROUB, 2025, Bor İçerikli Hidrokömür Tabanlı Yeni Nesil Fotokatalizörlerin UV Işık Altında Suların Kirleticilerden Arındırılmasındaki Etkinliğinin İncelenmesi, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Nanoteknoloji ve İleri Malzemeler Ana Bilim Dalı
- MUHAMMET ÖMER ÖZTÜRK, 2024, Gözenekli ve gözeneksiz yüzeylerde parmak izi tespit yöntemlerinin geliştirilmesi, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı
- MARYAM NAWFAL MAHMOOD AL-NUAIMY, 2024, Nanopartiküllerin yeşil sentez yöntemi ile üretilmesi, biyoatıklardan elde edilen liflere doplanması ve atık suların fotokatalitik arıtımında kullanımının araştırılması, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı
- ELİF CUNDUL, 2024, Origanum munzurense kit tan & sorger uçucu yağ emülsiyonu içinde kapsüllenmiş starter kültürün kayısı çekirdeği hidrokömürüzerinde immobilizasyonu, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı
- SAMER KHALAF, 2024, Subkritik su ortamında katı gıda atığından hidrokömür sentezlenmesi ve sulardan kristal viyole boyasının gideriminde performansının değerlendirilmesi, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı
- ELMAS CAN, 2024, Hidrokömür bazlı myrtus communis uçucu yağ emülsiyon jelinin karakteristik özelliklerinin, antimikrobiyal aktivitesinin ve deri yüzeyine inoküle edilmiş bakterilere karşı inhibisyon performansının araştırılması, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Nanoteknoloji ve İleri Malzemeler Ana Bilim Dalı
- HIBA ALHOUSNY, 2024, Atık ceviz kabuklarından subkritik su ortamında hidrokömür sentezi ve kozmetik alanında kullanımı, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Fen Bilimleri Ana Bilim Dalı
- MUHAMMED GHASSAN ALJVANIEH, 2023, Synthesis of hydrochar from waste corn cobs in subcritical water environment and microwave method and investigation of the effectiveness of synthesized hydrochars in ammonium removal from water, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı
- İZZETCAN KINACI, 2023, Subkritik su ortamında katı atıklardan elde edilen hidrokömürler ile morchella esculenta ekstraktının immobilizasyonu, hava filtresine uygulanması ve antimikrobiyal özelliklerinin incelenmesi, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı
- ZHALALADDIN JABBIYEV, 2023, Tartrazin ultrasonikasyon ve ultraviyole destekli yöntemle sulardan gideriminin araştırılması, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı
- FİRAS ELNECCAR, 2021, Malahit yeşilinin ileri oksidasyon teknikleri ile parçalanmasının cevap yüzey metoduyla optimizasyonu ve subkritik su ortamında üretilen hidrokömürlerin oksidasyondaki katalitik etkilerinin incelenmesi, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı
- HÜLYA BAYTEMÜR, 2021, Siirt yöresinde bulunan fıstık fabrikalarından çıkan atık suların oksidasyonu ve cevap yüzey metodu ile optimizasyonu, SİİRT ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı
- FİRAS İBRAHİM, 2020, Verbascum pseudoholotrichum Hub. - Mor. endemik bitkisinin toplam fenolik madde, antioksidan aktivite, kimyasal bileşimi ve metal içeriğinin belirlenmesi, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı
- BÜŞRA KÜLEKÇİ, 2017, Ultrasonik ve subkritik su oksidasyonu yöntemi ile procion crimson H-EXL boyasının degradasyonunun incelenmesi, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı

B. Doktora Tezleri (1)

- ZUHAL EMİRE UYGUN, 2020, Farklı ekstraksiyon yöntemleri kullanılarak endemik origanum munzurense kit tan & sorger (Lamiaceae) bitkisinin toplam fenolik madde, antioksidan aktivite, kimyasal bileşim ve metal içeriğinin belirlenmesi, MERSİN ÜNİVERSİTESİ - FEN BİLİMLERİ ENSTİTÜSÜ - Kimya Ana Bilim Dalı

Eserler

A. Uluslararası hakemli dergilerde yayımlanan makaleler (133)

- Yıldırım, M., Binzet, G., Binzet, R., & Yabalak, E. (2026). Supercritical CO₂ Extracts of Onosma Decorticans Riedl: Phytochemical Profiling and Antioxidant, Antibacterial, and Anticancer Activities. In ChemistrySelect (Vol. 11, Issue 8).
- Binzet, G., Yıldırım, M., Binzet, R., & Yabalak, E. (2026). Phytochemical profiling and evaluation of antioxidant, antimicrobial, and cytotoxic activities of endemic Onosma angustissima. In International Journal of Environmental Health Research (pp. 1–15).
- Özmen, S. İ., Geçgel, C., & Yabalak, E. (2026). Waste-to-Catalyst: Efficient Sunlight-Assisted Bisphenol A Degradation Using ZnO Nanoparticles Derived from Anodization Residue. In Water, Air, & Soil Pollution (Vol. 237).
- Yabalak, E., Akyol, G., Akyol, N. H., & Dizge, N. (2026). Hydrochar Production from Izmit Gulf Sludge for Efficient Methylene Blue Removal: A Sustainable Water Treatment Approach. In CHEMISTRY AFRICA-A JOURNAL OF THE TUNISIAN CHEMICAL SOCIETY (Vol. 9, Issue 1).

- Yıldırım, M., Ermiş, E., Amangeldinova, M., & Yabalak, E. (2026). Recent advances in bacterial cellulose: From sustainable production to environmental, biomedical, and 3D bioprinting applications. In *Chemical Engineering Research and Design* (Vol. 226).
- GuĖ, A., Yabalak, E., & Nural, Y. (2026). Tetracycline chemosensors: Materials, mechanisms, and applications. In *Journal of Organometallic Chemistry* (Vol. 1044, pp. 123942-).
- Özmen, S. İ., Geçgel, C., & Yabalak, E. (2026). Waste-to-Catalyst: Efficient Sunlight-Assisted Bisphenol A Degradation Using ZnO Nanoparticles Derived from Anodization Residue. In *WATER AIR AND SOIL POLLUTION* (Vol. 237, Issue 1, pp. 1–15).
- İslam, I. U., Hu, X., Abdulghaffar, A. Th., Zhao, X., Long, J., Wang, X., Xu, Y., & Yabalak, E. (2026). PASP-coated bimetallic mustard husk hydrochar for dual environmental remediation and green energy: Pb(II) removal, enhanced hydrogen evolution, and DFT insights aligned with UN SDGs. In *Fuel* (Vol. 410, pp. 137930-).
- Yıldırım, M., Yabalak, E., Doğan, K., Çimentepe, M., & Öztürk, G. (2026). Pomegranate hydrochar and tamanu oil-enriched chitosan-PF127 hydrogel: antimicrobial efficacy against multidrug-resistant bacteria. In *POLYMER BULLETIN* (Vol. 83, Issue 4).
- İslam, I. U., Bano, S., Mehwish, M., Altaf, M., Shoaib, R., Hu, X., Li, D., Xiaolian, Z., Fatima, W., Shah, N., Wang, X., & Yabalak, E. (2026). Biological agents and biomaterials for environmental remediation: applications in water, soil, and air. In *International Journal of Environmental Science and Technology* (Vol. 23, Issue 3).
- Teğın, İ., Öc, S., Saka, C., Kalderis, D., & Yabalak, E. (2025). Phosphorus-doped pistachio shell hydrochar for sustainable copper(II) ion adsorption: A circular bioeconomy approach. In *CHEMICAL ENGINEERING RESEARCH & DESIGN* (Vol. 223, pp. 415–424).
- Yalçın, M. S., Çevik, P. K., Yetkin, D., Geçgel, C., Alhraub, F., Alhroub, F., Özdemir, S., & Yabalak, E. (2025). Eco-friendly biosynthesis of copper oxide nanoparticles using black tea extract: multifaceted biological activities and potential as drug carriers. In *International Journal of Environmental Health Research*.
- Efeoglu, C., Efeoglu, Ç., Demir, Y., Türkeş, C., Yabalak, E., Seferođlu, Z., & Nural, Y. (2025). New 1,2,3-triazole derivatives as acetylcholinesterase and carbonic anhydrase inhibitors: Synthesis, molecular docking, and solubility. In *Archives of Biochemistry and Biophysics* (Vol. 771, pp. 110515–110515).
- Tollu, G., Yabalak, E., Özdemir, S., Işık, Z., & Dizge, N. (2025). Synthesis of CaO-Fe and CaO-Ag nanocomposites using raw and hydrolyzed waste chicken eggshell and investigation of their antimicrobial, biofilm inhibition activity, DNA cleavage ability, and antioxidant activity properties. In *Biomass Conversion and Biorefinery* (Vol. 15, pp. 4449–4463).
- Efeoglu, Ç., Efeoglu, C., Serttaş, R., Demir, B., Şahin, E., Yabalak, E., Seferođlu, N., Erdogan, S., Ece, A., & Nural, Y. (2025). 1,4-Naphthoquinone thiazoles: Synthesis, crystal structure, anti-proliferative activity, and inverse molecular docking study. In *Journal of Molecular Structure* (Vol. 1322, Issue 1, pp. 140330–140330).
- Eliuz, E. A. E., Yabalak, E., & Ayas, D. (2025). Novel formulation of oleaster bark (*Elaeagnus angustifolia*) extract-oil-emulsion gel immobilized into coconut shell hydrochar. In *Biomass Conversion and Biorefinery* (Vol. 15).
- İslam, I. U., Qurashi, A. N., Adnan, A., Ali, A., Malik, S., Younas, F., Akhtar, H. T., Farishta, F., Janiad, S., Ali, F., Wang, X., Ng, S. L., & Yabalak, E. (2025). Bioremediation and Adsorption: Strategies for Managing Pharmaceutical Pollution in Aquatic Environment. In *Water, Air & Soil Pollution* (Vol. 236, pp. 579-).
- Mahmood, R. A., Aslam, A. A., Iqbal, M. J., Sajid, A. H., Hamza, A., Tahira, H. F., İslam, I. U., & Yabalak, E. (2025). A review on hydrogen production using decorated metal-organic frameworks by electrocatalytic and photocatalytic water splitting. In *Fuel* (Vol. 387, pp. 134416-).
- İslam, I. U., Hu, X., Shang, J., Ashraf, M. A., Ali, T., Aslam, A. A., Li, S., Li, D., Nazir, M. S., Wang, X., & Yabalak, E. (2025). MOF and MOF-based membranes: promising solutions for pharmaceutical wastewater treatment. In *Journal of Materials Science* (Vol. 60, Issue 8, pp. 3634–3662).
- Adıgüzel, S. K., Odabaşı, S. Ü., Yabalak, E., Özdemir, B., Kaya, N. G., Adıgüzel, A. O., & Mazmançı, B. (2025). A durable biocatalyst constructed by immobilization of recombinant laccase-like multicopper oxidase from *Bacillus mojavensis* onto hazelnut shell hydrochar: Its characterization and potential for use in the degradation of sulfamethoxazole and diclofenac. In *International Journal of Biological Macromolecules* (Vol. 315, Issue 2, pp. 144640-).
- Teğın, İ., Dawdy, G. R. M., Hallaç, B., & Yabalak, E. (2025). Assessment of trace element and quality parameters in sheep milk from different regions and different seasons in the Iraqi Kurdish region. In *International Journal of Environmental Analytical Chemistry* (Vol. 105, Issue 7, pp. 1–29).
- Aminzai, M. T., Yıldırım, M., & Yabalak, E. (2025). Microplastics in the human body and environment: Pathways, health impacts, detection, and removal strategies. In *JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING* (Vol. 13, Issue 6, pp. 119200-).

- Can, E., Eliuz, E. A. E., & Yabalak, E. (2025). Hydrochar-Enriched Myrtus communis Emulsion Gel: Antimicrobial Efficacy Against Bacterial Contaminants on Inoculated Carcass Skin. In *Water, Air, & Soil Pollution* (Vol. 236, Issue 5).
- Yabalak, E. (2025). The dual edge of AI: advancing and endangering scientific integrity in chemistry. In *AI and Ethics*.
- Öc, S., Teğın, İ., Yabalak, E., & Saka, C. (2025). Facile modification strategies on hydrochar-based carbon particles with hydrothermal carbonization from green pistachio hulls for the removal of cadmium ions from aqueous solutions. In *Biomass Conversion and Biorefinery* (Vol. 15, pp. 4527–4538).
- Yabalak, E., Alhroub, F., Alhroub, F., Alterkaoui, A., & Dizge, N. (2025). One-step hydrothermally-assisted persulfate treatment: a sustainable approach for highly concentrated denim scrap wastewater. In *INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY* (Vol. 22, Issue 16, pp. 16921–16934).
- Teğın, İ., Yabalak, E., Hallaç, B., Sabancı, N., Fidan, M., & Sadık, B. (2025). Unlocking the potential of *Allium dictyoprasum* C.A. Meyer ex Kunth: quantum chemical insights into radical scavenging, chemical composition, phenolic content, and antimicrobial activity. In *International Journal of Environmental Health Research* (Vol. 35, Issue 5, pp. 1–18).
- Teğın, İ., Fattah, B. M. F., Fidan, M., Acar, O., & Yabalak, E. (2025). An effective and facile approach for the determination of bioactive components of *Rheum ribes* in the Kurdish state of Iraq and Siirt region in Turkey. In *Journal of the Serbian Chemical Society* (Vol. 90, Issue 4, pp. 461–477).
- Azizi, N., Azizi, N., Yabalak, E., & Nural, Y. (2025). A sustainable approach for water management and nutrient recovery. In *Biomass Conversion and Biorefinery* (Vol. 15, Issue 9, pp. 13511–13522).
- Fidan, M., İnal, B., Tokgün, O., Çelikkaya, B., Teğın, İ., & Yabalak, E. (2025). Propolis as a functional plant-derived food: antioxidant and anti-cancer properties from Şırnak and Hakkari Regions. In *European Food Research and Technology*.
- Bahadırlı, N. P., & Yabalak, E. (2025). Eco-Friendly Seed Treatments: Essential Oils Immobilized on Nutshell-Derived Hydrochar to Enhance *Salvia sclarea* Germination for Sustainable Environmental Management. In *WATER AIR AND SOIL POLLUTION* (Vol. 237, Issue 2).
- Ahmad, S., Aminzai, M. T., Sharif, T., Sayed, M., Khan, S., Rehman, F., Khan, J. A., & Yabalak, E. (2025). Advanced oxidation pathways for chlorophenol degradation - UV/H₂O₂ and UV/O₃ kinetics and mechanisms. In *Journal of Materials Science*.
- Khan, A., Abdulghaffar, A. Th., Farhan, A., Altaf, M., Choudry, F., Islam, I. U., Shah, N., & Yabalak, E. (2025). Recent advances in platinum nanoparticles: from synthesis and characterization to catalytic and biomedical applications. In *Journal of Materials Science* (Vol. 60, Issue 33, pp. 14339–14372).
- Bahadırlı, N. P., Geçgel, C., & Yabalak, E. (2025). Agricultural application of ammonium-enriched hydrochars: Cultivation practices to improve quality and yield of *Matricaria recutita* L. In *Industrial Crops and Products* (Vol. 225, pp. 120436-).
- Aminzai, M. T., & Yabalak, E. (2025). Advanced polymeric membranes for environmental remediation: emerging roles of hydrochar and biochar composites. In *Journal of Materials Science*.
- Belibağlı, P., Işık, Z., Yabalak, E., & Dizge, N. (2025). Magnetic banana fiber catalyst for efficient Cr(VI) reduction: a sustainable approach to waste valorization and water treatment. In *Journal of Water Process Engineering* (Vol. 75, pp. 107886–107886).
- Yıldırım, M., Aminzai, M. T., & Yabalak, E. (2025). Nanoflowers: A multifunctional nanomaterial revolutionizing medicine, environmental protection, and sustainable agriculture. In *Inorganic Chemistry Communications* (Vol. 177, pp. 114311-).
- Saleh, M., Gul, A., Nasir, A., Nasir, A., Moses, T. O., Moses, T. O., Nural, Y., & Yabalak, E. (2025). Comprehensive review of Carbon-based nanostructures: Properties, synthesis, characterization, and cross-disciplinary applications. In *Journal of Industrial and Engineering Chemistry* (Vol. 146, pp. 176–212).
- Aminzai, M. T., Yabalak, E., Akay, S., & Kayan, B. (2025). Recent developments in subcritical water extraction of industrially important bioactive substances from plants, microorganisms, and organic wastes. In *Biomass Conversion and Biorefinery* (Vol. 15, Issue 101394, pp. 17927–17949).
- Yıldırım, M., Erşatır, M., Mghadi, A. M. S., Saled, M., Demirbağ, B., Yabalak, E., & Kılıç, A. (2025). Boron Compounds as Key Drivers of Innovation: Exploring Their Role in Environmental Remediation, Sustainable Agriculture, Advanced Biomedical Applications, and Green Chemistry. In *Journal of Organometallic Chemistry* (pp. 123688-).
- Islam, I. U., Ahmad, M., Shah, B., Ahmad, H. M., Janiadi, S., Shah, N., & Yabalak, E. (2025). Parthenium hysterophorus-derived iron-coated biochar: a sustainable solution for nitrate and phosphate removal from water. In *Biomass Conversion and Biorefinery* (Vol. 15, Issue 7, pp. 10773–10790).

- Yabalak, E., Bahadirlı, N. P., Yetkin, D., Yaldız, F. D., & Türkseven, Ç. H. (2025). Unlocking nature's potential: anticancer potential of *Helichrysum sanguineum* (L.) Kostel on breast cancer cells and its chemical composition. In *International Journal of Environmental Health Research* (Vol. 35, Issue 2, pp. 1–13).
- Yabalak, E., & Alhousny, H. (2025). Lignocellulose-rich walnut shell hydrochars for eco-friendly and biocompatible cosmetics: A sustainable strategy for product stability and microbial protection. In *International Journal of Biological Macromolecules* (Vol. 318, pp. 145331-).
- Sırma, E., Fidan, M., Gök, M., Teğın, İ., Yılmaz, M. A., & Yabalak, E. (2025). Chemical profiling and antioxidant potential of propolis from Pervari, Siirt: discovery of tannic acid and key bioactive compounds. In *Natural Product Research* (pp. 1–14).
- Yabalak, E., & Khalaf, S. (2025). A sustainable strategy for mitigating water pollution: Photocatalytic enhancement of hydrothermally synthesized hydrochars from waste parsley stalks via doping magnetite and sphalerite ores. In *Journal of Water Process Engineering* (Vol. 70, pp. 106925-).
- Kınacı, İ., Eliuz, E. A. E., & Yabalak, E. (2025). Incorporation of hydrochar from almond shells with phenolic extract of *Morchella esculenta* and evaluation of its antimicrobial potential against some pathogens on air filter. In *Biomass Conversion and Biorefinery* (Vol. 15, pp. 507–515).
- Yıldırım, M., Necip, A., Çimentepe, M., Emire, Z., & Yabalak, E. (2025). Bioactive potential of *Origanum munzurense* Kit Tan & Sorger Extracts: Antioxidant, anticancer, and antibacterial activities explored through Sc-CO₂ extraction and molecular docking analysis. In *Journal of Chromatography B* (Vol. 1259, pp. 124614-).
- Teğın, İ., Khoshnaw, K. M. A. M., Fidan, M., Canpolat, G., İnal, B., & Yabalak, E. (2025). DNA-protective and antioxidant potentials of thym samples: Chemometric and bioactive profiling from Iraq's Kurdish highlands and Siirt, Türkiye. In *JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES* (Vol. 1267, pp. 124789-).
- Vu, N.-T., Trang, L. H., Thuy, C. N., Nguyen, T.-A. T., Yabalak, E., & Kalderis, D. (2025). Treatment of Diesel Oil-Contaminated Water Using Hydrochar Derived from the Hydrothermal Carbonization of Aloe Vera Leaves. In *Water, Air, & Soil Pollution* (Vol. 236, Issue 4).
- Yabalak, E., Al-Nuaimy, M. N. M., Al-Nuaimy, M. N. M., Özdemir, S., & Tollu, G. (2025). A facile detachable catalyst support: Green synthesis of Ag nanoparticles, immobilizing into waste corn husk fibers, evaluation of photocatalytic performance and bioactivity analysis. In *Separation and Purification Technology* (Vol. 353, Issue 128496, pp. 128496-).
- Yabalak, E., Özdemir, S., Al-Nuaimy, M. N. M., & Tollu, G. (2024). From cornfield to catalyst support: Eco-friendly synthesis of Cu/CuO nanoparticles, immobilization on the waste corn husk fibers, photocatalytic exploration and bioactivity evaluation. In *Chemosphere* (Vol. 365, pp. 143328-).
- Adıgüzel, A. O., Yabalak, E., Cilmeli, S., Durgun, R. T., & Kaya, N. G. (2024). Robust peroxidase from *Bacillus mojavensis* TH309: Immobilization on walnut shell hydrochar and evaluation of its potential in dye decolorization. In *INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES* (Vol. 277, pp. 134525-).
- Aktas, S., Aminzai, M. T., Teğın, İ., Yabalak, E., & Acar, O. (2024). Determination of pesticide residues in varieties of pepper sold at different periods and provinces in Turkey and investigation of their adverse effects on human health and the environment. In *International Journal of Environmental Health Research* (Vol. 34, Issue 6, pp. 1–13).
- Eliuz, E. A. E., Yabalak, E., & Ayas, D. (2024). Inhibition performance of almond shell hydrochar-based fish oil emulsion gel on *Klebsiella pneumonia* inoculated fish skin and its characteristics. In *INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES* (Vol. 264, Issue 1, pp. 130529-).
- Holagh, M. V., Teğın, İ., & Yabalak, E. (2024). Exploring Sustainable Pb Recovery from Zinc Plant Residues via Hydrometallurgical Processes: Comparative Analysis of Zinc and Aluminum Powder Cementation. In *WATER AIR AND SOIL POLLUTION* (Vol. 235, Issue 11).
- Aminzai, M. T., Yıldırım, M., & Yabalak, E. (2024). Metallic nanoparticles unveiled: Synthesis, characterization, and their environmental, medicinal, and agricultural applications. In *TALANTA* (Vol. 280, pp. 126790-).
- Nasir, A., Nasir, A., Saleh, M., Aminzai, M. T., Alary, R., Dizge, N., & Yabalak, E. (2024). Adverse effects of veterinary drugs, removal processes and mechanisms: A review. In *Journal of Environmental Chemical Engineering* (Vol. 12, Issue 1, pp. 111880-).
- Geçgel, C., & Yabalak, E. (2024). Modeling of hybrid hydrochar fabrication of sunflower seed husks and olive kernels for effective ammonium enrichment. In *Biomass Conversion and Biorefinery* (Vol. 14, Issue 2, pp. 32067–32078).
- Aminzai, M. T., Azizi, N., Nangyallai, Azizi, N., Nural, Y., & Yabalak, E. (2024). Recent progress in the reduction of benzene derivatives and their industrial applications. In *Monatshefte für Chemie - Chemical Monthly* (Vol. 155, Issue 2, pp. 115–129).

- Yıldırım, M., Binzet, G., Binzet, R., & Yabalak, E. (2024). A natural approach to breast cancer treatment: investigation of chemical features of aerial parts of endemic *Onosma sintenisii* Hausskn. ex Bornm and its antioxidant properties, in vitro cytotoxic and apoptosis induction on MCF-7 cells. In *INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH* (Vol. 34, Issue 11, pp. 1–14).
- Alterkaoui, A., Belibağlı, P., Gün, M., Işık, Z., Eskikaya, O., Eskikaya, B. O., Yabalak, E., & Dizge, N. (2024). A novel green approach for Cr(VI) removal: application of tomato stem-based hydrochar assisted Fenton-like process. In *CHEMISTRY AND ECOLOGY* (Vol. 40, Issue 3, pp. 1–17).
- Al-Nuaimy, M. N. M., Al-Nuaimy, M. N. M., Azızı, N., Azizi, N., Nural, Y., & Yabalak, E. (2024). Recent advances in environmental and agricultural applications of hydrochars: A review. In *Environmental Research* (Vol. 250, Issue 1, pp. 117923–117923).
- Geçgel, C., Yabalak, E., & Turabik, M. (2024). Simultaneous synthesis of super-paramagnetic hydrochar in a one-pot using subcritical water medium and evaluation of its photocatalytic activity. In *JOURNAL OF ENVIRONMENTAL MANAGEMENT* (Vol. 362, pp. 121333-).
- Yabalak, E., Aminzai, M. T., Aminzai, M. T., Gizir, A. M., & Yang, Y. (2024). A Review: Subcritical Water Extraction of Organic Pollutants from Environmental Matrices. In *MOLECULES (MDPI AG)* (Vol. 29, Issue 1, pp. 258–23).
- Aliakbari, E., Aliakbari, E., Nural, Y., Zamırlı, R. E., Zamiri, R. E., Yabalak, E., Mahdavi, M., Mahdavi, M., Yousefi, V., & Yousefi, V. (2024). Design and synthesis of silver nanoparticle anchored poly(ionic liquid)s mesoporous for controlled anticancer drug delivery with antimicrobial effect. In *INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH* (Vol. 34, Issue 1, pp. 90–102).
- Yabalak, E., Benmenine, A., Benmenine, A., Aljvanieh, M. G., Alterkaoui, A., Afzal, A. R., Balakrishnan, D., & Dizge, N. (2024). Synthesis of ZnO nanoparticles on the Zn plates recovered from waste batteries using eco-friendly methods and evaluation of its photocatalytic activity. In *ALEXANDRIA ENGINEERING JOURNAL* (Vol. 100, pp. 277–285).
- Işık, Z., Isik, Z., Saleh, M., M'barek, I., Yabalak, E., Dizge, N., Deepanraj, B., & Balakrishnan, D. (2024). Investigation of the adsorption performance of cationic and anionic dyes using hydrocharred waste human hair. In *BIOMASS CONVERSION AND BIOREFINERY* (Vol. 14, Issue 3, pp. 3715–3728).
- Aminzai, M. T., Aminzai, M. T., Yabalak, E., Kalderis, D., Kalderis, D., & Gizir, A. M. (2024). Environmental remediation of emerging contaminants using subcritical water: A review. In *Journal of Environmental Management* (Vol. 366, Issue 121800, pp. 121800–121812).
- Teğın, İ., Demirel, M. F., Alacabey, İ., & Yabalak, E. (2024). Investigation of the effectiveness of waste nut shell-based hydrochars in water treatment: a model study for the adsorption of methylene blue. In *BIOMASS CONVERSION AND BIOREFINERY* (Vol. 14, Issue 9, pp. 10399–10412).
- Cundul, E., Eliuz, E. A. E., & Yabalak, E. (2024). Immobilization of yoghurt starter culture encapsulated with *Origanum munzurense* kit tan & sorger essential oil emulsion into apricot seed shell hydrochar. In *FOOD BIOSCIENCE* (Vol. 58, pp. 103677-).
- Nasir, A., & Yabalak, E. (2024). Exploring natural herbs: their role in treating male infertility, enhancing sexual desire and addressing urological disorders. In *International Journal of Environmental Research* (pp. 1–27).
- Yabalak, E., Ibrahim, F., & Eliuz, E. A. E. (2023). Natural sanitizer potential of *Cuminum cyminum* and applicable approach for calculation of Kovats retention index of its compounds. In *INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH* (Vol. 33, Issue 2, pp. 158–169).
- Aminzai, M. T., Azızı, N., Azizi, N., Nural, Y., & Yabalak, E. (2023). A Review on Recent Advances in Polymer-Assisted Green and Sustainable Technology for Remediation of Pharmaceuticals from Water and Wastewater. In *Water, Air, & Soil Pollution* (Vol. 234, Issue 11, pp. 681–24).
- Teğın, İ., Canpolat, G., & Yabalak, E. (2023). INVESTIGATION OF THE EFFECTIVENESS OF PUMPKIN SEED SHELL BIOWASTE AS A BIOSORBENT FOR ADSORPTION OF MALACHITE GREEN. In *IV. INTERNATIONAL SIIRT CONFERENCE ON SCIENTIFIC RESEARCH* (pp. 385–395).
- Yabalak, E., & Eliuz, E. A. E. (2023). Hydrochar synthesis of from waste human hair, incorporation with phenolic extract of *Morus alba* and evaluation as a natural anti-*Staphylococcus aureus* agent. In *JOURNAL OF SUPERCRITICAL FLUIDS* (Vol. 192, pp. 105804-).
- Nasir, A., Yabalak, E., Gizir, A. M., & Sangün, M. K. (2023). A comparison of the performance of conventional and eco-friendly extraction methods in the evaluation of total phenolics, antioxidant activity, and chemical composition of anise. In *INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH* (Vol. 33, Issue 12, pp. 1341–1356).
- Eskikaya, B. O., Eskikaya, O., Işık, Z., Isik, Z., Arslantas, C., Yabalak, E., Balakrishnan, D., Dizge, N., & Rao, K. S. (2023). Preparation of hydrochar bio-based catalyst for fenton process in dye-containing wastewater treatment. In *ENVIRONMENTAL RESEARCH* (Vol. 216, pp. 114357-).

- Yarlilar, Ş., Yarlilar, Ş. G., Yabalak, E., Yetkin, D., Gizir, A. M., & Mazmancı, B. (2023). Anticancer potential of *Origanum munzurense* extract against MCF-7 breast cancer cell. In *INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH* (Vol. 33, Issue 6, pp. 600–608).
- Alterkaoui, A., Belibağlı, P., Gün, M., Işık, Z., Dizge, N., & Yabalak, E. (2023). Hydrothermal Synthesis of Waste Black Tea Pulp and Tomato Stem Hydrochars and Comparison of Their Adsorption Performance of Safranin Dye. In *WATER AIR AND SOIL POLLUTION* (Vol. 234, Issue 12, pp. 234–12).
- Teğın, İ., Hallaç, B., Sabancı, N., Sadık, B., Fidan, M., & Yabalak, E. (2023). A broad assessment of *Eremurus spectabilis* M. Bieb: chemical and elemental composition, total phenolic and antimicrobial activity analysis, and quantum chemical calculations of radical scavenging potential. In *INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH* (Vol. 34, Issue 4, pp. 1–16).
- Aljvanieh, M. G., Geçgel, C., & Yabalak, E. (2023). Hydrochar synthesis from waste corncob using subcritical water and microwave-assisted carbonization methods and ammonium enrichment of synthesized hydrochars. In *ENVIRONMENTAL RESEARCH* (Vol. 226, pp. 115715-).
- Özdemir, N. C., Bilici, Z., Yabalak, E., Dizge, N., Balakrishnan, D., Khoo, K. S., & Show, P. L. (2023). Physico-chemical adsorption of cationic dyes using adsorbent synthesis via hydrochloric acid treatment and subcritical method from palm leaf biomass waste. In *Elsevier BV* (Vol. 339, pp. 139558-).
- Yabalak, E., & Elneccar, F. (2023). Synthesis of hydrochars in subcritical water medium from solid wastes and investigation of their catalytic effects in the degradation of malachite green using advanced oxidation technique. In *BIOMASS CONVERSION AND BIOREFINERY* (Vol. 13, Issue 12, pp. 11153–11165).
- Emire, Z., & Yabalak, E. (2023). Can *Origanum* be a hope for cancer treatment? A review on the potential of *Origanum* species in preventing and treating cancers. In *INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH* (Vol. 33, Issue 9, pp. 894–910).
- Yabalak, E., Akay, S., Kayan, B., Gizir, A. M., & Yang, Y. (2023). Solubility and Decomposition of Organic Compounds in Subcritical Water. In *MOLECULES* (Vol. 28, Issue 3, pp. 1000–1023).
- Adıgüzel, A. O., Adıgüzel, S. K., Sümeyye, S., Cilmeli, S., Mazmancı, B., Yabalak, E., Odabaşı, S. Ü., Kaya, N. G., & Mazmancı, M. A. (2023). Heterologous expression, purification, and characterization of thermo- and alkali-tolerant laccase-like multicopper oxidase from *Bacillus mojavensis* TH309 and determination of its antibiotic removal potential. In *Archives of Microbiology* (Vol. 205, Issue 8, pp. 1–14).
- Yabalak, E., & Elneccar, F. (2022). Evaluation of watermelon peel, banana peel and bay leaves hydrochars as green catalysts in the degradation of malachite green by thermally activated persulfate oxidation method. In *JOURNAL OF ENVIRONMENTAL MANAGEMENT* (Vol. 304, pp. 114311-).
- Alterkaoui, A., Eskikaya, O., Eskikaya, B. O., Gün, M., Yabalak, E., Arslan, H., & Dizge, N. (2022). Production of Waste Tomato Stem Hydrochar (TS-HC) in Subcritical Water Medium and Application in Real Textile Wastewater using Photocatalytic Treatment System. In *INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH* (Vol. 16, Issue 6).
- Yabalak, E., Eliuz, E. A. E., Nazlı, M. D., & Nazlı, M. D. (2022). Evaluation of *Citrus reticulata* essential oil: Chemical composition and antibacterial effectiveness incorporated gelatin on *E. coli* and *S. aureus*. In *INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH* (Vol. 32, Issue 6, pp. 1261–1270).
- Yabalak, E., Işık, Z., & Dizge, N. (2022). Catalytic efficiency, mechanism and characterization of hydrolysed waste eggshell in the subcritical water oxidation of pistachio processing wastewater. In *JOURNAL OF ENVIRONMENTAL MANAGEMENT* (Vol. 317, pp. 115326-).
- Bilici, Z., Saleh, M., Yabalak, E., Khataee, A., & Dizge, N. (2022). The effect of different types of AOPs supported by hydrogen peroxide on the decolorization of methylene blue and viscose fibers dyeing wastewater. In *WATER SCIENCE AND TECHNOLOGY* (Vol. 85, Issue 1, pp. 77–89).
- Yabalak, E., Ibrahim, F., Eliuz, E. A. E., Everest, Z. A., & Gizir, A. M. (2022). Evaluation of chemical composition, trace element content, antioxidant and antimicrobial activities of *Verbascum pseudoholotrichum*. In *PLANT BIOSYSTEMS* (Vol. 156, Issue 2, pp. 313–322).
- Yabalak, E., & Eliuz, E. A. E. (2022). Green synthesis of walnut shell hydrochar, its antimicrobial activity and mechanism on some pathogens as a natural sanitizer. In *FOOD CHEMISTRY* (Vol. 366, pp. 130608-).
- Özyay, Y., Yabalak, E., & Dizge, N. (2022). Effects of hydrogen peroxide, temperature and treatment time on degradation properties of polyethersulfone ultrafiltration membrane. In *TURKISH JOURNAL OF CHEMISTRY* (Vol. 46, Issue 1, pp. 206–216).

- Teğın, İ., Baytemur, H., Teğın, F., & Yabalak, E. (2022). Water recovery from pistachio processing plant wastewater using subcritical water oxidation method. In *JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES & ENVIRONMENTAL ENGINEERING* (Vol. 57, Issue 3, pp. 183–192).
- Yabalak, E., Al-Nuaimy, M. N. M., Al-Nuaimy, M. N., Saleh, M., Isik, Z., Işık, Z., Dizge, N., Balakrishnan, D., & Balakrishnan, D. (2022). Catalytic efficiency of raw and hydrolyzed eggshell in the oxidation of crystal violet and dye bathing wastewater by thermally activated peroxide oxidation method. In *ENVIRONMENTAL RESEARCH* (Vol. 212, pp. 113210-).
- Mutlu, R. N., Yabalak, E., Acar, A. N., & Gizir, A. M. (2022). Green synthesis of Fe (II, III) oxides nanoparticles in the subcritical water medium and evaluation of their catalytic performance in the oxidation of metoprolol. In *JOURNAL OF NANOSTRUCTURE IN CHEMISTRY* (Vol. 12, Issue 1, pp. 79–92).
- Eliuz, E. A. E., & Yabalak, E. (2022). Chicken feather hydrochar incorporated with phenolic extract of *Rosa damascena* Mill. to enlarge the antibacterial performance against *Acinobacter baumannii* and *Staphylococcus aureus*. In *JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING* (Vol. 10, Issue 5, pp. 108289-).
- Polat, B., Yabalak, E., Mutlu, R. N., Küçükara, İ., & Gizir, A. M. (2021). A new system design for photocatalytic degradation using diode laser: Mathematical modelling, thermal and flowing analysis and kinetic study. In *JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING* (Vol. 9, Issue 5, pp. 106209–106214).
- Saleh, M., Işık, Z., Yabalak, E., Yalvaç, M., Yalvac, M., & Dizge, N. (2021). Green production of hydrochar nut group from waste materials in subcritical water medium and investigation of their adsorption performance for crystal violet. In *WATER ENVIRONMENT RESEARCH* (Vol. 93, Issue 12, pp. 3075–3089).
- Yabalak, E., & Eliuz, E. A. E. (2021). Growth kinetics of *Escherichia coli*, *Pseudomonas aeruginosa* and *Klebsiella pneumoniae* on the raw and subcritical water oxidation method applied agrochemical wastewater samples. In *Revue Roumaine de Chimie* (Vol. 66, Issue 4, pp. 339–345).
- Eliuz, E. A. E., Yabalak, E., Gökşen, G., & Ayas, D. (2021). Chemical composition, antifungal activity, antifungal mechanism and interaction manner of the fatty acid of *Prunus mahaleb* L. with fluconazole. In *INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH* (Vol. 32, Issue 10, pp. 2337–2349).
- Yabalak, E., & Eliuz, E. A. E. (2021). INVESTIGATION OF GROWTH KINETICS OF SOME PATHOGENIC BACTERIA IN AGROCHEMICAL WASTEWATER TREATED BY SUBCRITICAL WATER OXIDATION METHOD. In *REVUE ROUMAINE DE CHIMIE* (Vol. 66, Issue 4, pp. 339–345).
- Yabalak, E. (2021). Treatment of agrochemical wastewater by thermally activated persulfate oxidation method: Evaluation of energy and reagent consumption. In *JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING* (Vol. 9, Issue 3, pp. 105201-).
- Saleh, M., Bilici, Z., Özyay, Y., Yabalak, E., Yalvac, M., Yalvaç, M., & Dizge, N. (2021). Green synthesis of *Quercus coccifera* hydrochar in subcritical water medium and evaluation of its adsorption performance for BR18 dye. In *WATER SCIENCE AND TECHNOLOGY* (Vol. 83, Issue 3, pp. 701–714).
- Yabalak, E., Özyay, Y., Sargheın, V. V., Vatanpour, V., & Dizge, N. (2021). Membrane concentrate management for textile wastewater with thermally activated persulfate oxidation method. In *WATER AND ENVIRONMENT JOURNAL* (Vol. 35, Issue 4, pp. 1281–1292).
- Ülger, M., Ülger, S. T., Gültekin, E. O., Yabalak, E., Gülbudak, H., Delialioğlu, N., Gizir, A. M., & Aslan, G. (2021). In vitro Antileishmanial Effect of the Plant Extracts from *Aloe vera* (L.) Burm.f. and *Hypericum perforatum* L. Leaves. In *KAFKAS UNIVERSİTESİ VETERİNER FAKULTESİ DERGİSİ* (Vol. 27, Issue 3, pp. 363–370).
- Yabalak, E., & Nasır, A. (2021). Investigation of antioxidant, antibacterial, antiviral, chemical composition, and traditional medicinal properties of the extracts and essential oils of the *Pimpinella* species from a broad perspective: a review. In *JOURNAL OF ESSENTIAL OIL RESEARCH* (Vol. 33, Issue 5, pp. 411–426).
- Yabalak, E., Özyay, Y., Gizir, A. M., & Dizge, N. (2021). Water recovery from textile bath wastewater using combined subcritical water oxidation and nanofiltration. In *JOURNAL OF CLEANER PRODUCTION* (Vol. 290, Issue 25, pp. 125207–125210).
- Eliuz, E. A. E., Yabalak, E., & Sıcak, Y. (2020). CHEMICAL COMPOSITION AND ANTIMICROBIAL ACTIVITY OF ESSENTIAL OIL OF CITRUS SINENSIS: INTERACTION WITH AMPICILLIN AND FLUCONAZOLE. In *REVUE ROUMAINE DE CHIMIE* (Vol. 65, Issue 10, pp. 899–907).
- Yabalak, E., Emire, Z., Adıgüzel, A. O., Adıgüzel, S. K., & Gizir, A. M. (2020). Wide-scale evaluation of *Origanum munzurense* Kit Tan amp Sorger using different extraction techniques: Antioxidant capacity, chemical compounds, trace element content, total phenolic content, antibacterial activity and genotoxic effect. In *FLAVOUR AND FRAGRANCE JOURNAL* (Vol. 35, Issue 4, pp. 394–410).
- Görmez, F., Görmez, Ö., Yabalak, E., & Sönmez, B. G. (2020). Application of the central composite design to mineralization of olive mill wastewater by the electro/Fell/persulfate oxidation method. In *SN APPLIED SCIENCES* (Vol. 2, Issue 2, pp. 178–188).

- Yabalak, E., & Gizir, A. M. (2020). Treatment of agrochemical wastewater by subcritical water oxidation method: chemical composition and ion analysis of treated and untreated samples. In *JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART A-TOXIC/HAZARDOUS SUBSTANCES ENVIRONMENTAL ENGINEERING* (Vol. 55, Issue 12, pp. 1424–1435).
- Yabalak, E., Topaloğlu, İ., & Gizir, A. M. (2019). Application of the eco-friendly subcritical water oxidation method in the degradation of epichlorohydrin. In *Journal of the Serbian Chemical Society* (Vol. 84, Issue 7, pp. 757–767).
- TeğİN, İ., Yabalak, E., Sadık, B., & Fidan, M. (2019). Evaluation of Chemical Content and Radical Scavenging Activity of *Allium vineale* L. Extract and Its Elemental Analysis. In *Revue Roumaine de Chimie* (Vol. 64, Issue 8, pp. 673–679).
- Yabalak, E., Topaloğlu, İ., & Gizir, A. M. (2019). Multi-response central composite design of the mineralization and removal of aniline by subcritical water oxidation method. In *International Journal of Industrial Chemistry* (Vol. 10, Issue 2, pp. 97–105).
- Yabalak, E., Külekçi, B., & Gizir, A. M. (2019). Application of ultrasound-assisted and subcritical water oxidation methods in the mineralisation of Procion Crimson H-EXL using response surface methodology and artificial neural network. In *Journal of Environmental Science and Health, Part A* (Vol. 54, Issue 14, pp. 1412–1422).
- Yabalak, E., Arslan, H., & Dal, H. (2019). The molecular structure and vibrational spectra of 4-bromo-2-(((5-methylpyridin-2-yl)imino)methyl)phenol by density functional method. In *Journal of Molecular Structure* (Vol. 1179, pp. 540–548).
- Yabalak, E., & Yılmaz, Ö. (2019). Eco-friendly approach to mineralise 2-nitroaniline using subcritical water oxidation method: use of ANN and RSM in the optimisation and modeling of the process. In *Journal of the Iranian Chemical Society* (Vol. 16, Issue 1, pp. 117–126).
- Yabalak, E. (2018). Degradation of ticarcillin by subcritical water oxidation method: Application of response surface methodology and artificial neural network modeling. In *Journal of Environmental Science and Health, Part A* (Vol. 53, Issue 11, pp. 975–985).
- Yabalak, E., Görmez, Ö., & Gizir, A. M. (2018). Subcritical water oxidation of protham by H₂O₂ using response surface methodology (RSM). In *Journal of Environmental Science and Health, Part B* (Vol. 53, Issue 5, pp. 334–339).
- Yabalak, E. (2018). An approach to apply eco-friendly subcritical water oxidation method in the mineralization of the antibiotic ampicillin. In *Journal of Environmental Chemical Engineering* (Vol. 6, Issue 6, pp. 7132–7137).
- Yabalak, E., Görmez, Ö., & Sönmez, B. G. (2018). Degradation, dephenolisation and dearomatisation of olive mill wastewater by subcritical water oxidation method using hydrogen peroxide: Application of multi-response central composite design. In *Journal of the Serbian Chemical Society* (Vol. 83, Issue 4, pp. 489–502).
- Nural, Y., Gemili, M., Yabalak, E., De Coen, L. M., & Ülger, M. (2018). Green synthesis of highly functionalized octahydropyrrolo[3,4-c]pyrrole derivatives using subcritical water, and their anti(myco)bacterial and antifungal activity. In *Arkivoc* (Vol. 2018, Issue 5, pp. 51–64).
- Yabalak, E., Adigüzel, S. K., Adigüzel, A. O., Ergene, R. S., Tunçer, M., & Gizir, A. M. (2017). Application of response surface methodology for the optimization of oxacillin degradation by subcritical water oxidation using H₂O₂: genotoxicity and antimicrobial activity analysis of treated samples. In *Desalination and Water Treatment* (Vol. 81, pp. 186–198).
- Yabalak, E., & Gizir, A. M. (2017). Evaluation of Total Polyphenol Content, Antioxidant Activity and Chemical Composition of Methanolic Extract from *Allium Kharputense* Freyn et. Sint. and Determination of Mineral and Trace Elements. In *Journal of the Turkish Chemical Society, Section A: Chemistry* (Vol. 4, Issue 3, pp. 691–691).
- Emire, Z., Yabalak, E., Görmez, Ö., & Gizir, A. M. (2017). Solubility and degradation of paracetamol in subcritical water. In *Journal of the Serbian Chemical Society* (Vol. 82, Issue 1, pp. 99–106).
- Emgili, H., Yabalak, E., Görmez, Ö., & Gizir, A. M. (2017). Degradation of Maxilon Blue GRL Dye Using Subcritical Water and Ultrasonic Assisted Oxidation Methods. In *Gazi University Journal of Science* (Vol. 30, Issue 4, pp. 140–150).
- Yabalak, E., Döndaş, H. A., & Gizir, A. M. (2017). Subcritical water oxidation of 6-aminopenicillanic acid and cloxacillin using H₂O₂, K₂S₂O₈, and O₂. In *Journal of Environmental Science and Health, Part A* (Vol. 52, Issue 3, pp. 210–220).
- Yabalak, E., Görmez, Ö., Sönmez, B. G., Gözmen, B., & Gizir, A. M. (2015). The solubility of sebacic acid in subcritical water using the response surface methodology. In *International Journal of Industrial Chemistry* (Vol. 6, Issue 1, pp. 23–29).
- Eliuz, E. A. E., Yabalak, E., Everest, Z. A., Gizir, A. M., & Yavuz, İ. A. (2015). Mutagenic and antimicrobial evaluation of methanol extract from *Allium kharputense* Freyn Et. Sint. In *Spatula DD - Peer Reviewed Journal on Complementary Medicine and Drug Discovery* (Vol. 5, Issue 2, pp. 83–87).

- Yabalak, E., Günay, F., Funda, G., T, K. V., Kasumov, V. T., & Arslan, H. (2013). The molecular structure and vibrational spectra of N-(3-tert-butyl-2-hydroxybenzylidene)-2,6-diphenyl-4-hydroxyaniline. In *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* (Vol. 110, pp. 291–303).
- Yabalak, E., & Gizir, A. M. (2013). Subcritical and supercritical fluid extraction of heavy metals from sand and sewage sludge. In *Journal of the Serbian Chemical Society* (Vol. 78, Issue 7, pp. 1013–1022).

B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitaplarında (proceedings) basılan bildiriler (92)

- Akşit, K., Teğın, İ., & Yabalak, E. (2025). UTILIZATION OF ACTIVATED CARBON DERIVED FROM WASTE BATTERIES FOR THE REMOVAL OF METHYLENE BLUE FROM WASTEWATER. In 6. BİLSEL INTERNATIONAL AHLAT SCIENTIFIC RESEARCHES CONGRESS (pp. 789–796).
- Gök, M., Teğın, İ., & Yabalak, E. (2025). Chemical Profiling Of Çırpılı-Eruh Pomegranate (*Punica granatum L.*) Seeds. In VI. Bilisel Uluslararası Kibyra Bilimsel Araştırmalar Kongresi (pp. 317–323).
- Akşit, K., Teğın, İ., & Yabalak, E. (2025). Eco-Engineered Carbon from Spent Batteries as a High-Performance Adsorbent for Eriochrome Black T. In VI. Bilisel Uluslararası Kibyra Bilimsel Araştırmalar Kongresi (pp. 323–333).
- Gülsün, M. N., Teğın, İ., & Yabalak, E. (2025). Gender-Based Differences in Biochemical Markers Among Hospitalized COVID-19 Patients: A chemometric Analysis. In 7. BİLSEL International Ahlat Scientific Researches Congress (pp. 151–156).
- Yabalak, E., Teğın, İ., & Alhroub, F. (2025). Investigation of the Efficiency of Composite Hydrochar Produced From Waste Eggshells and Filter Coffee Grounds in the Removal of Malachite Green Dye From Aqueous Solutions. In 14th International Artemis Scientific Research Congress (pp. 512–522).
- Alhroub, F., & Yabalak, E. (2025). Photocatalytic Behavior of Natural Wolframite Mineral in Oxidant-Assisted Systems. In XI. International Health Engineering and sciences Conference (pp. 117–132).
- Alhroub, F., Geçgel, C., & Yabalak, E. (2025). Thyme-Extract Mediated Synthesis of MNP@MIL-100(Fe) for Efficient CO₂ Adsorption. In I. INTERNATIONAL TURKIC WORLD CONGRESS ON GREEN ENERGY AND ENVIRONMENTAL SCIENCES (pp. 384–393).
- Gök, M., Teğın, İ., & Yabalak, E. (2025). Chemical Characterization of Hexane Extract From Olive Pits (*Olea Europaea Cv. Gemlik*) via GC-MS Analysis. In VI. Bilisel Uluslararası Kibyra Bilimsel Araştırmalar Kongresi (pp. 311–316).
- Yabalak, E., Geçgel, C., & Alhroub, F. (2025). Synthesis, Characterization, and Application of MNP–MOF Composites for Astrazon Blue Dye Removal. In 5th International Conference on Frontiers in Academic Research (pp. 499–506).
- Teğın, İ., Canpolat, G., & Yabalak, E. (2025). Removal of Malachite Green Dye using Waste Battery-Derived Carbon: A Circular Economy Approach. In V. International Siirt Conference on Scientific Research (pp. 632–640).
- Gülsün, M. N., Teğın, İ., & Yabalak, E. (2025). SYSTEMIC BIOCHEMICAL ALTERATIONS IN HOSPITALIZED COVID-19 PATIENTS: A CHEMOMETRIC EVALUATION OF ORGAN-SPECIFIC DYSFUNCTION COMPARED TO HEALTHY CONTROLS. In 6. BİLSEL INTERNATIONAL AHLAT SCIENTIFIC RESEARCHES CONGRESS (pp. 774–788).
- Canpolat, G., Teğın, İ., & Yabalak, E. (2025). Application of Waste Battery-Derived Carbon for Crystal Violet Removal from Aqueous Solutions: Adsorption and Isotherm Study. In 7. BİLSEL International Ahlat Scientific Researches Congress (pp. 142–150).
- Alhousny, H., & Yabalak, E. (2024). HYDROTHERMAL BIOMASS CONVERSION: UTILIZING HYDROCHAR IN COSMETICS. In EU 4th INTERNATIONAL CONFERENCE ON HEALTH, ENGINEERING AND APPLIED SCIENCES (pp. 376-).
- Akyazi, R., Polat, B., Yabalak, E., & Bek, A. (2024). A COMPARATIVE ANALYSIS OF NANOPARTICLE SYNTHESIS USING SEMICONDUCTOR DIODE LASER AND NANOSECOND PULSED LASER. In 6. International Mediterranean Scientific Research Congress (Vol. 1, pp. 38–44).
- Teğın, İ., Canpolat, G., & Yabalak, E. (2024). EMPLOYING PHOSPHORIC ACID-ACTIVATED BIOWASTE FOR THE REMOVAL OF MALACHITE GREEN FROM AQUEOUS SOLUTION. In INTERNATIONAL PERGE SCIENTIFIC STUDIES CONGRESS (pp. 49–57).
- Khalaf, S., & Yabalak, E. (2024). OPTIMIZING PHENOLIC COMPOUNDS REMOVAL FROM PISTACHIO PLANT WASTEWATER USING PERSULFATE OXIDATION: A RESPONSE SURFACE METHODOLOGY APPROACH. In BALKAN 11TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (pp. 18–28).
- Al-Nuaimy, M. N. M., & Yabalak, E. (2024). DECOLORISATION OF CRYSTAL VIOLET-CONTAMINATED WATER USING COPPER NANOPARTICLES-BASED CATALYTIC WET PEROXIDE OXIDATION METHOD. In 7th INTERNATIONAL UBSDER SCIENTIFIC RESEARCH CONGRESS (pp. 70–78).
- Teğın, İ., & Yabalak, E. (2024). INNOVATIVE H₂S-BASED FLOTATION TECHNIQUE FOR GOLD RECOVERY FROM RAMAT. In INTERNATIONAL PERGE SCIENTIFIC STUDIES CONGRESS (pp. 58–66).

- Alhousny, H., & Yabalak, E. (2024). APPLICATION of an EFFECTIVE and SUSTAINABLE TECHNIQUE for DECOLORISATION of PAPER INDUSTRY WASTEWATER. In EU 4th INTERNATIONAL CONFERENCE ON HEALTH, ENGINEERING AND APPLIED SCIENCES (pp. 377–388).
- Can, E., Eliuz, E. A. E., & Yabalak, E. (2024). PREPARATION, CHARACTERIZATION, ANTIMICROBIAL ACTIVITY, AND SKIN PERMEABILITY ANALYSIS OF CHICKEN NAIL HYDROCHAR-BASED ESSENTIAL OIL EMULSION GELS. In INTERNATIONAL PERGE SCIENTIFIC STUDIES CONGRESS (pp. 48–48).
- Yabalak, E. (2024). Hydrochar: From Waste Biomass to High-Value and Multi-Functional Material for Multi-Sectoral Applications. In 2ND INTERNATIONAL CHEMISTRY CONFERENCE Recent Trends & Innovative Technologies in Chemistry (pp. 10–11).
- Khalaf, S., & Yabalak, E. (2024). SYNTHESIZING HYDROCHAR FROM SOLID FOOD WASTE IN SUBCRITICAL WATER AND ASSESSING ITS EFFICIENCY IN SYNTHETIC DYE REMOVAL FROM WATER. In BALKAN 11TH INTERNATIONAL CONFERENCE ON SOCIAL SCIENCES (pp. 3–2).
- Gülsün, M. N., Teğın, İ., & Yabalak, E. (2024). COMPARING BIOCHEMICAL ANALYSES OF COVID-19 PATIENTS WITH HEALTHY INDIVIDUALS. In SELCUK 11TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (pp. 345–356).
- Teğın, İ., Akşit, K., Canpolat, G., & Yabalak, E. (2024). DETERMINATION OF THE POTENTIAL OF CERTAIN BORON COMPOUNDS IN THE PHOTOCATALYTIC REMOVAL OF METHYLENE BLUE. In SELCUK 11TH INTERNATIONAL CONFERENCE ON APPLIED SCIENCES (pp. 339–344).
- Al-Nuaimy, M. N. M., & Yabalak, E. (2024). INVESTIGATION OF THE CATALYTIC ACTIVITY OF Ag NANOPARTICLES IN THE REMOVAL OF SYNTHETIC DYES FROM WATER. In 7th INTERNATIONAL UBSDER SCIENTIFIC RESEARCH CONGRESS (pp. 61–69).
- Geçgel, C., & Yabalak, E. (2023). Optimization Of Hydrochar Production From Olive And Sunflower Seed Husks With Subcritical Water For Ammonium Adsorption. In 5th INTERNATIONAL CONFERENCE ON NATURAL AND APPLIED SCIENCE AND ENGINEERING (pp. 94–94).
- Özdaş, K., & Yabalak, E. (2023). THERMAL AND CATALYTICAL EFFECTS OF EGGHELL ON THE PERSULFATE OXIDATION OF AZO DYE. In CUKUROVA 11th INTERNATIONAL SCIENTIFIC RESEARCHES CONFERENCE (pp. 637–648).
- Geçgel, C., & Yabalak, E. (2023). Carbon recycling from discarded batteries using an environmentally friendly method and its application in the removal of pollutants from water. In 2nd International Conference on Contemporary Academic Research (Vol. 1, Issue 3, pp. 465–469).
- Jabbiyev, Z., Yabalak, E., & Gizir, A. M. (2023). REMOVAL OF TARTRAZINE FROM WATER BY ULTRASONICATION AND ULTRAVIOLET-ASSISTED METHOD. In 14TH INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH CONGRESS ON LIFE, ENGINEERING, AND APPLIED SCIENCES (pp. 204–210).
- Mert, S., Geçgel, C., & Yabalak, E. (2023). INVESTIGATION OF PHOTOCATALYTIC EFFECTS OF HYDROLYSED EGGHELL ON THE PERSULFATE OXIDATION OF ASTRAZON BLUE FGRL. In 14TH INTERNATIONAL ISTANBUL SCIENTIFIC RESEARCH CONGRESS ON LIFE, ENGINEERING, AND APPLIED SCIENCES (pp. 74–81).
- Aljvanieh, M. G., Geçgel, C., & Yabalak, E. (2023). Investigation Of Energy Consumption In The Production Of Hydrochar And Enrichment With Ammonium Adsorption. In 5th INTERNATIONAL CONFERENCE ON NATURAL AND APPLIED SCIENCE AND ENGINEERING (pp. 93–91).
- Kınacı, İ., Eliuz, E. A. E., & Yabalak, E. (2023). IMMOBILIZATION OF MORCHELLA ESCULENTA EXTRACT TO HYDROCHAR OBTAINED FROM SOLID WASTES BY SUBCRITICAL WATER METHOD, APPLICATION TO AIR FILTER AND INVESTIGATION OF ANTIMICROBIAL PROPERTIES. In 2. International Congress on Natural & Medical Sciences (pp. 47–48).
- Al-Nuaimy, M. N. M., & Yabalak, E. (2023). SYNTHESIS OF NANOPARTICLES USING THE GREEN SYNTHESIS METHOD, DOPING THEM INTO FIBERS AND INVESTIGATING THEIR PHOTOCATALYTIC POTENTIAL. In 10. ULUSLARARASI UYGULAMALI BİLİMLER KONGRESİ (Vol. 1, pp. 116-).
- Yabalak, E., & Geçgel, C. (2023). SUBKRİTİK SU İLE ZEYTİN ÇEKİRDEĞİ VE AYÇİÇEK ÇEKİRDEK KABUKLARINDAN HİDROKÖMÜR ÜRETİMİNİN AMONYUM ADSORPSİYONU İÇİN OPTİMİZASYONU. In International Conference on Natural and Applied Science and Engineering.
- Cundul, E., Eliuz, E. A. E., & Yabalak, E. (2023). ENCAPSULATION OF STARTER CULTURE ENTRAPPED IN ESSENTIAL OIL EMULSIONS WITH HYDROCHAR AND INVESTIGATION OF ITS ANTIBACTERIAL POTENTIAL. In 10. ULUSLARARASI UYGULAMALI BİLİMLER KONGRESİ (Vol. 1, pp. 448-).
- Aljvanieh, M. G., Geçgel, C., & Yabalak, E. (2022). HYDROCHAR SYNTHESIS FROM WASTE CORNCOB USING HYDROTHERMAL CARBONIZATION AND EVALUATION FOR AMMONIUM ADSORPTION. In Uluslararası Anadolu Multidisipliner Bilimsel Araştırmalar

Kongresi (pp. 258–258).

-
- Teğın, İ., & Yabalak, E. (2022). DETERMINATION OF CHROMIUM PRE-ENRICHMENT CONDITIONS USING SLOTTED QUARTZ TUBE-ATOM TRAP ATOMIC ABSORPTION SPECTROPHOTOMETRY. In International Anatolian Congress on Multidisciplinary Scientific Research (pp. 227–236).
-
- Yabalak, E., & Eliuz, E. A. E. (2022). Antibacterial Activity of Rosa Damascene Based Laurus nobilis L. hydrochar / gelatin hydrogel on Escherichia coli and enterococcus faecalis. In International Anatolian Congress on Multidisciplinary Scientific Research (pp. 221–226).
-
- Yarlılar, Ş. G., Mazmancı, B., & Yabalak, E. (2022). Cytotoxic Effect of Origanum munzurense on Prostate Cancer Cell Line. In 3rd International Conference on Applied Engineering and Natural Sciences.
-
- Eliuz, E. A. E., & Yabalak, E. (2021). The fatty acid scanning in commercial bitter melon and marigold oils and antibacterial activity. In 2nd INTERNATIONAL HALICH CONGRESS (Vol. 1, Issue 1, pp. 536–541).
-
- Yarlılar, Ş. G., Yabalak, E., Yetkin, D., Gizir, A. M., & Mazmancı, B. (2021). Investigation of Cytotoxic Effect of Origanum munzurense in Breast Cancer Cell. In 4th International Congress on Agriculture, Environment and Health (pp. 26–26).
-
- Nasır, A., Yabalak, E., Gizir, A. M., & Sangün, M. K. (2021). Determination Of Total Phenolics, Antioxidant Activity, Essential Oil, Chemical Composition And Metal Content Of Pimpinella Anisum L. Using Different Extraction Methods. In INTERNATIONAL CONGRESS ON NATURAL SCIENCES (pp. 6–6).
-
- Topaloğlu, İ., Saçlı, B., Yabalak, E., & Gizir, A. M. (2020). INVESTIGATION OF THE DEGRADATION OF DICLOFENAC BY SUBCRITICAL WATER OXIDATION AND ULTRASONIC ASSISTED OXIDATION METHODS. In EURO ASIA 7th. INTERNATIONAL CONGRESS ON APPLIED SCIENCES (pp. 406–406).
-
- Yabalak, E. (2020). Investigation of the Treatment of Agrochemical Wastewater using Advanced Oxidation Method. In 2nd HEZARFEN International Congress of Science, Mathematics and Engineering Sciences.
-
- Saçlı, B., Yabalak, E., Küçükçara, İ., & Gizir, A. M. (2020). INVESTIGATION OF THE DEGRADATION OF PYROCATECHOL AND PYROGALLOL USING THE LASER SUPPORTED ULTRASONIC METHOD. In EURO ASIA 7th. INTERNATIONAL CONGRESS ON APPLIED SCIENCES (pp. 405–405).
-
- Yabalak, E. (2019). GREEN CHEMISTRY AND NANO MATERIALS: NANO MOO₃ PRODUCTION IN SUBCRITICAL WATER MEDIUM. In 3. ULUSLARARASI GAP MATEMATİK - MÜHENDİSLİK - FEN VE SAĞLIK BİLİMLERİ KONGRESİ (pp. 993–997).
-
- Yabalak, E., & Teğın, İ. (2019). Environmentally Friendly Approach to the Treatment of Pistachio Processing Plant Wastewater. In V. International Congress on Natural and Health Sciences (pp. 131–135).
-
- Yabalak, E., & Gizir, A. M. (2019). AN ENVIRONMENTALLY FRIENDLY APPROACH TO THE TREATMENT OF WASTEWATER OF AGROCHEMICALS PRODUCTION PLANTS: SUBCRITICAL WATER OXIDATION METHOD. In 3. ULUSLARARASI GAP MATEMATİK - MÜHENDİSLİK - FEN VE SAĞLIK BİLİMLERİ KONGRESİ (pp. 221–221).
-
- Yabalak, E., İbrahim, F., Everest, Z. A., & Gizir, A. M. (2019). Evaluation of total phenolic content and antioxidant activity of extracts from endemic plant Verbascum pseudoholotrichum Hub.- Mor. using soxhlet extraction method. In 2nd International Eurasian Conference On Biological and Chemical Sciences (pp. 469–469).
-
- Yabalak, E., Emire, Z., & Gizir, A. M. (2019). Antioxidant Activity Analysis of Origanum Munzurense Kit Tan Sorger Extracts Obtained by Subcritical Water and Soxhlet Methods. In 4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCES (pp. 5–5).
-
- Yabalak, E., & Emire, Z. (2019). Investigation of Antioxidant Activity of Aqueous Extracts of Paeonia Arietina Leaves Extracted by Subcritical Water Extraction Method. In 4th INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL APPLIED SCIENCES (pp. 78–85).
-
- Yabalak, E., & İbrahim, F. (2019). Using Various Assays to Evaluate Antioxidant Activity of Aqueous Extracts of Bay Leaves (Laurus nobilis L.) extracted by Subcritical Water Extraction Method. In 2nd International Eurasian Conference On Biological and Chemical Sciences (pp. 468–468).
-
- Yabalak, E., İbrahim, F., & Gizir, A. M. (2018). Pyridine Degradation by Subcritical Water Oxidation using Hydrogen Peroxide. In International Water and Environment Congress (pp. 709–713).
-
- Yabalak, E. (2018). Investigation of Mineralization of the Antibiotic Ampicillin by Eco-Friendly Subcritical Water Oxidation Method. In Şehr-i Nuh Uluslararası Multidisipliner Çalışmalar Kongresi (pp. 48–48).
-

- Nural, Y., Yabalak, E., & Gemili, M. (2018). Synthesis of Polysubstituted Methyl 5,5-diphenyl-1-(thiazol-2-yl)pyrrolidine-2-carboxylate Derivatives Using scCO₂. In Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi (pp. 102–102).
- Oktay, E., Oktay, E. G., Ülger, M., Yabalak, E., Kurnaz, N., Ülger, S. T., Delialioğlu, N., Gizir, A. M., & Aslan, G. (2018). Investigation of in vitro Antituberculosis Activity in the Plant Extracts from St. John's wort (*Hypericum perforatum* L.) and Aloe Vera. In 39th Annual Congress of the European Society of Mycobacteriology (pp. 94–94).
- Yabalak, E., Topaloğlu, İ., & Gizir, A. M. (2018). Application of the Eco-friendly Subcritical Water Oxidation Method in the Degradation of Epichlorohydrin. In 1st Eurasia Environmental Chemistry Congress (pp. 43–43).
- Yabalak, E., Görmez, Ö., & Gizir, A. M. (2018). Degredation of Protham in subcritical water medium: Application of Box-Benkhham Design. In Kuwait Chemistry Conference 2018 (pp. 51-).
- Yabalak, E., & Gizir, A. M. (2018). Comparison of the Artificial Neural Network and Response Surface Methodology in the Optimization Efficiency of Oxacillin Degradation. In 8th Black Sea Conference on Analytical Chemistry (pp. 92–92).
- Yabalak, E., Emire, Z., & Gizir, A. M. (2018). Chemical Composition Analysis of *Origanum Munzurense* Kit Tan Sorger. In Şehr-i Nuh Uluslararası Multidisipliner Çalışmalar Kongresi (pp. 47–47).
- Yabalak, E., Topaloğlu, İ., & Gizir, A. M. (2018). Aniline Degradation by Subcritical Water Oxidation using Hydrogen Peroxide. In International Eurasian Conference on Biological and Chemical Sciences (pp. 136–136).
- Gemili, M., Nural, Y., & Yabalak, E. (2018). Synthesis of Highly Functionalized 2-(thiazol-2-yl)-octahydropyrrolo[3,4-C]pyrrole Derivatives Using Subcritical Water. In Uluslararası Katılımlı 6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi (pp. 102–102).
- Yabalak, E., Saçlı, B., & Gizir, A. M. (2018). Mineralization of Dimethyl Sulfoxide by Subcritical Water Oxidation using Response Surface Methodology. In International Eurasian Conference on Biological and Chemical Sciences (pp. 332–332).
- Yabalak, E., & Yılmaz, Ö. (2018). Application of artificial neural network and response surface methodology in the mineralisation of 2-nitroaniline by eco-friendly subcritical water oxidation method. In 3rd International Mediterranean Science and Engineering Congress (IMSEC 2018) (pp. 770–770).
- Yabalak, E., Bakırdöven, S., & Gizir, A. M. (2018). Degradation of Pyridine by Subcritical Water Oxidation using Potassium Persulfate. In 3rd International Conference on Advances in Natural and Applied Science (pp. 6–6).
- Rat, M., Görmez, Ö., Yabalak, E., & Gizir, A. M. (2018). Degradation of Sodium Anthraquinone 2-Sulfonate Using Nano Metal Oxide Catalyst Synthesized in Subcritical Water. In 3rd International Conference on Advances in Natural and Applied Science (pp. 248–249).
- Yabalak, E., Görmez, Ö., & Gizir, A. M. (2018). Degradation of Protham in subcritical water medium: Application of Box-Behnken Design. In Fifth Kuwait Conference of Chemistry (pp. 51–51).
- Yabalak, E., Görmez, Ö., & Sönmez, B. G. (2018). Purification of olive mill wastewater by subcritical water oxidation using hydrogen peroxide: Application of response surface methodology. In 8th Black Sea Conference on Analytical Chemistry (pp. 107–107).
- Yabalak, E., & Yılmaz, Ö. (2018). Removal of 4-nitroaniline from aqueous solution by eco-friendly subcritical water oxidation method using response surface methodology. In 3rd International Mediterranean Science and Engineering Congress (IMSEC 2018) (pp. 898–901).
- Adigüzel, S. K., Yabalak, E., Adigüzel, A., Adigüzel, A. O., Ergene, R. S., Gizir, A. M., Tunçer, M., & Tuncer, M. (2017). Antimicrobial Activity And In Vitro Genotoxic Effect Of The Oxacillin And Its Degradation Products In The Aqueous Solution. In 2. International Water and Health Congress (pp. 369–370).
- Görmez, Ö., Yabalak, E., Kıрма, F., & Sönmez, B. G. (2017). Advanced oxidation process to improve the mineralization of olive oil mill effluents. In 2nd International Mediterranean Science and Engineering Congress (pp. 453–453).
- Külekçi, B., Yabalak, E., Görmez, Ö., & Gizir, A. M. (2017). Application of Response Surface Method for Ultrasonic Degradation of Procion Crimson H-Exl. In 2. ULUSLARARASI SU VE SAĞLIK KONGRESİ (pp. 370–371).
- Yabalak, E., & Gizir, A. M. (2017). Total Polyphenol Content, Antioxidant Activity and Chemical Composition of Methanolic Extract from *Allium Kharputense* Freyn Et. Sint. In Uluslararası Tıbbi ve Aromatik Bitkiler Kongresi (pp. 135–135).
- Görmez, Ö., Yabalak, E., & Gizir, A. M. (2017). Subcritical Water Oxidation of Dimethyl Phthalate using K₂S₂O₈: Application of Response Surface Methodology (RSM). In 2. ULUSLARARASI SU VE SAĞLIK KONGRESİ (pp. 510–512).

- Görmez, Ö., Yabalak, E., & Sönmez, B. G. (2017). Treatment of olive mill wastewater by K₂S₂O₈ in pressurized hot water/subcritical water. In *International Advanced Researches and Engineering Congress* (pp. 2609–2610).
- Yabalak, E., Görmez, Ö., & Gizir, A. M. (2017). Total Polyphenol Content of Methanolic Extract from *Arum Dioscoridis* Sm. var. *Dioscoridis*. In *International Congress on Medicinal and Aromatic Plants* (pp. 1393–1393).
- Görmez, Ö., Yabalak, E., & Gizir, A. M. (2017). SUBCRITICAL WATER OXIDATION OF DIMETHYL PHTHALATE USING K₂S₂O₈:APPLICATION OF RSM. In *2. Uluslararası Su ve Sağlık Kongresi*.
- Teğın, İ., Sadık, B., Yabalak, E., & Fidan, M. (2017). Evaluation of Chemical Content of *Allium Vineale* L. Extract using Subcritical Water Extraction. In *International Congress on Medicinal and Aromatic Plants* (pp. 168–168).
- Yabalak, E., & Gizir, A. M. (2017). Optimisation of Oxacillin Degradation by Subcritical Water Oxidation using RSM. In *2. Uluslararası Su ve Sağlık Kongresi* (pp. 481–482).
- Teğın, İ., Sadık, B., Fidan, M., & Yabalak, E. (2017). Investigation of Chemical Content of *Allium Dictyopracum* CA Mayer ex Kunth Extract using Subcritical Water Extraction. In *2nd International Mediterranean Science and Engineering Congress* (pp. 908–908).
- Emgili, H., Yabalak, E., Görmez, Ö., Çirimi, D., & Gizir, A. M. (2017). Mavimsin Grl Boyasının Bozunmasının Subkritik Su Oksidasyonu ve Ultrasonik Oksidasyon Yöntemleri ile İncelenmesi. In *2. Uluslararası Su ve Sağlık Kongresi* (pp. 465–466).
- Teğın, İ., Sadık, B., Fidan, M., Yabalak, E., & Gizir, A. M. (2017). Investigation of Chemical Content of *Eremurus Spectabilis* Bieb. Extract using Subcritical Water Extraction. In *Uluslararası Tibbi ve Aromatik Bitkiler Kongresi* (pp. 1453–1453).
- Görmez, Ö., Yabalak, E., & Gizir, A. M. (2016). Subcritical water degradation Of Dimethyl Phthalate using Response Surface Methodology RSM. In *1st International Mediterranean Science and Engineering Congress* (pp. 2611–2612).
- Gizir, A. M., & Yabalak, E. (2016). Green Chemistry: Water as a Solvent and Oxidation Medium. In *Kuwait Conference of Chemistry 2016* (pp. 35–35).
- Demir, A., Görmez, Ö., Yabalak, E., Gizir, A. M., & Binzet, R. (2016). Extraction of *Onosma Halophila* using various extraction methods and comparison of extraction yields. In *4th Kuwait Conference of Chemistry KCC 2016 Chemistry & Life Sciences* (pp. 71–71).
- Zuhail, E., Emire, Z., Yabalak, E., Görmez, Ö., Sönmez, B. G., & Gizir, A. M. (2016). Degradation and Solubility of Paracetamol in Subcritical Water. In *4th KUWAIT CONFERENCE OF CHEMISTRY* (pp. 79–79).
- Yabalak, E., Külekçi, B., Görmez, Ö., & Gizir, A. M. (2016). Subcritical Water Oxidation Of Procion Crimson H-Exl Using Response Surface Methodology (RSM). In *1st International Mediterranean Science and Engineering Congress* (pp. 1486–1487).
- Yabalak, E., & Gizir, A. M. (2016). Application of Response Surface Methodology (RSM) for the optimization of Nafcillin Degradation by Subcritical Water Oxidation using H₂O₂. In *1st International Mediterranean Science and Engineering Congress* (pp. 2064–2069).
- Görmez, Ö., Yabalak, E., Gözmen, B., Sönmez, B. G., & Gizir, A. M. (2015). Single and combined effect of oxidant on sub-critical water oxidation of Basic Red 18 dye solution. In *1st International Conference on Green Chemistry and Sustainable Technologies* (pp. 130–130).
- Nural, Y., Yabalak, E., Gemili, M., Gizir, A. M., Döndaş, H. A., & Dolcerocca, Ö. N. (2015). Environmentally Friendly Synthesis of N-Thiazole Pyrrolidine Derivatives in Supercritical Carbon Dioxide and Subcritical Water. In *1st International Conference on Green Chemistry and Sustainable Technologies (GCSTI 2015)* (pp. 138–138).
- Nural, Y., Yabalak, E., Belveren, S., Gemili, M., Kılınçarslan, R., Gizir, A. M., & Döndaş, H. A. (2015). Synthesis of Co(III) Complexes of N-Benzoylthiourea-Pyrrolidine Derivatives in Supercritical Carbon Dioxide. In *1st International Conference on Green Chemistry and Sustainable Technologies (GCSTI 2015)* (pp. 77–77).
- Yabalak, E., Gizir, A. M., Görmez, Ö., Gözmen, B., Döndaş, H. A., Bozdağ, M., Yetkin, E. A., Tatlı, T., (Dr), Ö. K., Kadakoğlu, F., Çekmecelioğlu, Y. C., Kum, E., Kaya, O., Polat, İ., Atakisi, I. O., Tekten, S., Koşar, İ., Özcelik, O., Ulukaya, A., & Oztürk, O. (2015). Investigation of 6 Aminopenicillanic acid and Cloxacillin degradation using subcritical water oxidation by various oxidants. In *1st International Conference on Green Chemistry and Sustainable Technologies* (pp. 133–133).

D. Ulusal hakemli dergilerde yayınlanan makaleler (2)

- Yabalak, E., Görmez, Ö., & Nural, Y. (2018). Mineralization of Hydrochlorothiazide using Hydrogen Peroxide in Subcritical Water. In *Journal of the Turkish Chemical Society, Section A: Chemistry* (Vol. 5, Issue 3, pp. 1135–1144).
- Yabalak, E. (2018). Radical Scavenging Activity and Chemical Composition of Methanolic Extract from *Arum dioscoridis* SM. var. *dioscoridis* and Determination of Its Mineral and Trace Elements. In *Journal of the Turkish Chemical Society, Section A: Chemistry*

E. Ulusal bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler (9)

- Şensoy, T., Görmez, Ö., Yabalak, E., & Gizir, A. M. (2015). Katalitik Islak Hava Oksidasyonunda Katalizör Olarak Kullanılan Nano Metal Oksitlerinin Süperkritik CO₂ Ortamında Sentezlenmesi Ve Karakterizasyonu. In V. Ulusal Anorganik Kimya Kongresi (pp. 356–356).
- Nural, Y., İnce, T., Yabalak, E., Dondas, H. A., Gizir, A. M., & Döndaş, H. A. (2012). Sub-Kritik Su Ortamında Aminokarbo-N-tiyol Piroolidin Türevi Bileşiklerin Nikel Komplekslerinin Eldesi. In VI. Ulusal Analitik Kimya Kongresi (pp. 356–356).
- Görmez, Ö., Yabalak, E., & Gizir, A. M. (2012). Süperkritik Karbondioksit Ortamında Elektrokimyasal Yöntem ile İletken Polimer Sentezi. In VI. Ulusal Analitik Kimya Kongresi (pp. 276–276).
- Yabalak, E., Görmez, Ö., Gözmen, B., Sönmez, B. G., Gizir, A. M., & Oğuz Koçyiğit. (2012). Sebasik asitin subkritik sudaki çözünürlüğünün cevap yüzey yöntemi RSM ile belirlenmesi. In VI. ULUSAL ANALİTİK KİMYA KONGRESİ (pp. 142–142).
- Yabalak, E., Görmez, Ö., Bayar, H., Gözmen, B., & Gizir, A. M. (2012). Basic red 46 ve basic yellow 28 boyalarının subkritik su ile oksidasyonu. In VI. Ulusal Analitik Kimya Kongresi, 2012, Hatay, P-99, sf141. (pp. 141-).
- Yabalak, E., Görmez, Ö., Hafize, B., Bayar, H., Gözmen, B., Sönmez, B. G., & Gizir, A. M. (2012). Basic Red 46 ve Basic Red Yellow 28 Boyalarının Subkritik Su ile Oksidasyonu. In VI. Ulusal Analitik Kimya Kongresi (pp. 141–141).
- Hafize, B., Bayar, H., Görmez, Ö., Yabalak, E., Gözmen, B., Sönmez, B. G., Sönmez, Ö., Gizir, A. M., & Bulut, İ. N. (2011). Basic Yellow 28 Boyasının sulu çözeltisinin Persülfat Fe₂ reaktifleri ile oksidatif bozunmasının cevap yüzey yöntemi ile optimizasyonu. In 25. ULUSAL KİMYA KONGRESİ (pp. 72–72).
- Yabalak, E., Görmez, Ö., Hafize, B., Bayar, H., Gizir, A. M., & Yavuz, D. (2011). Subkritik ve Superkritik Akışkanlarla Kum ve Aritma Çamurundan Ağır Metal Ekstraksiyonu. In 25. Ulusal Kimya Kongresi (pp. 129–129).
- Nural, Y., İnce, T., Yabalak, E., Döndaş, H. A., Dondas, H. A., & Gizir, A. M. (2011). Aminokarbo-N-tiyol pirolidin türevi bileşiklerin süperkritik CO₂ ortamında sentezi. In XXV. Ulusal Kimya Kongresi (pp. 394–394).

F. Diğer yayınlar (1)

- Serkan, Y. M., K., C. P., Derya, Y., Farah, A., Cihan, G., Sadin, O., & Erdal, Y. (2026). Eco-friendly biosynthesis of copper oxide nanoparticles using black tea extract: multifaceted biological activities and potential as drug carriers. In INTERNATIONAL JOURNAL OF ENVIRONMENTAL HEALTH RESEARCH (Vol. 36, Issue 4, pp. 1–20).

Projeler

B. Ulusal Projeler (27)

- Lazer yardımcı hidrokömür tabanlı atıksu arıtma cihazı geliştirilmesi, TÜBİTAK PROJESİ, Danışman, 01.11.2022 -
- Tek bir yarı iletken diyot lazer sistemi ile hidrokömür tanecik boyut kontrolü ve ilaç/boyar madde atık su giderimi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 01.11.2022 - 25.06.2025
- Nanopartiküllerin yeşil sentez yöntemi ile üretilmesi, biyoatıklardan elde edilen liflere doplanması ve atık suların fotokatalitik arıtımında kullanımının araştırılması, ARAŞTIRMA PROJESİ, Yürütücü, 01.02.2023 - 13.11.2023
- Subkritik Su ile Tarımsal Biyoatıklardan Hidrokömür Sentezlenmesi, Sentezlenen Hidrokömürlerin Sulardan Amonyum Gideriminde Kullanılarak Zenginleştirilmesi ve Tarımsal Üretimde Uygulanması, -Tübitak 1002, Yürütücü, 15.09.2022 - 15.09.2023
- Atık çörek otundan subkritik su ortamında hidrokömür Sentezi ve kozmetik alanında kullanımı, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Yürütücü, 10.10.2022 - 10.10.2022
- Subkritik su ortamında katı gıda atığından hidrokömür sentezlenmesi ve sulardan kristal viyole boyasının gideriminde performansının değerlendirilmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Yürütücü, 10.10.2022 - 10.10.2022
- Rekombinant olarak üretilen Bacillus mojavensis lakkaz benzeri çoklu bakır oksidazının karakterizasyonu, immobilizasyonu ve farmasötiklerin parçalanması üzerindeki etkilerinin araştırılması, -Tübitak 1002, Yürütücü, 15.09.2022 - 15.09.2022

- Origanum munzurensense Kit Tan & Sorger uçucu yağı emülsiyonlarına hapsedilmiş starter kültürün, hidrokömür ile enkapsülasyonu ve antibakteriyel potansiyelinin incelenmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Yürütücü, 15.06.2022 - 15.06.2022
- Subkritik su ve mikrodalga yöntemleri ile atık mısır koçanından hidrokömür sentezi ve sentezlenen hidrokömürlerin sulardan amonyum gideriminde etkinliklerinin araştırılması, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Yürütücü, 15.06.2022 - 15.06.2022
- Subkritik su yönteminde katı atıklardan elde edilen hidrokömürler ile Morchella esculenta ekstraktının mikroenkapsülasyonu, hava filtrelerinde uygulanması ve antimikrobiyal özelliklerinin incelenmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Yürütücü, 15.06.2022 - 15.06.2022
- Malahit yeşili'nin ileri oksidasyon teknikleri ile parçalanmasının cevap yüzey metoduyla optimizasyonu ve subkritik su ortamında üretilen biyokömürlerin oksidasyondaki katalitik etkilerinin incelenmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Yürütücü, 25.10.2021 - 25.05.2022
- Siirt Fıstık Fabrikası Atık Suların Oksidasyonu ve Cevap Yüzey Metodu İle Optimizasyonu, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 02.09.2020 - 02.09.2021
- PİYASADAN TOPLANAN BAZI SOĞUK SIKIM YAĞLARINDA KLNA (KONJUGE LİNOLENİK ASİT) TARAMASI, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 01.08.2020 - 01.02.2021
- Zirai İlaç Endüstrisi atık suyunun subkritik su ortamında hidrojen peroksit kullanılarak arıtılması, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Yürütücü, 27.03.2019 - 24.04.2020
- Farklı ekstraksiyon yöntemleri kullanılarak Lamiaceae Origanum Munzurensense endemik bitkisinin toplam fenolik madde, antioksidant aktivite, kimyasal bileşim ve metal içeriğinin belirlenmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 02.01.2018 - 24.04.2020
- SARI KANTORON ÇIÇEĞİ (HYPERICUM PERFORATUM L.) VE ALOE VERA BITKİLERİNDEN ELDE EDİLEN BITKİ EKSTRAKTLARININ IN VITRO ANTİLEISHMANIAL AKTİVİTELERİNİN ARAŞTIRILMASI, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 01.04.2019 - 01.04.2020
- Bazı Uçucu Yağlarla İnkübe Edilmiş Mikroorganizmaların Yüzey Özelliklerinin Belirlenmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 01.06.2018 - 01.03.2020
- Zeytin karasuyunun gözenekli MFe₂O₄ katalizörleri kullanılarak Fenton ve persulfat yöntemleri ile giderilmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 01.01.2017 - 01.03.2020
- Siirt ve Çevresinde Bulunan Bazı Endemik Bitkilerin Süperkritik Akışkanlarla Ekstraksiyonu, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 22.05.2015 - 01.12.2019
- Sübstitüe Grup Olarak Metil 4,6-dioksa-3,3-difeniloktahidropirol[3,4-c]pirol-1-karboksilat Yapısı Bulunduran Tiyazol Türevi Yeni Bileşiklerin Sentezi, Karakterizasyonu ve Antibakteriyel/Antitüberküloz Aktivitelerinin İncelenmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 01.07.2016 - 01.07.2018
- Toplam Organik Karbon Analizi ile Endüstriyel Atıksularda Bulunan Organik Kirleticilerin Giderilmesinde İleri Oksidasyon Tekniklerinin Etkinliklerinin Kıyaslanması, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 08.05.2017 - 08.05.2018
- Subkritik Su Oksidasyonu ile Oksasilin Antibiyotiğinin Bozunmasında Cevap Yüzey Metodunun Uygulanması, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Yürütücü, 01.01.2017 - 01.04.2018
- Ayçiçek yağının Enzimatik Olarak Konjuge Linolenik Asitce (KLNA) Zenginleştirilmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 01.07.2016 - 01.04.2018
- Ultrasonik yöntem ile Procion Crimson H-EXL boyasının degradasyonunun incelenmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Danışman, 01.07.2016 - 01.10.2017
- Islak hava oksidasyonu ile yaygın olarak kullanılan 6-aminopenisillanik asit ve kloksasilin antibiyotiklerinin sulu ortamda bozunmalarının incelenmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 08.04.2014 - 08.10.2016
- N-(3-tert-butyl-2-hydroxybenzylidene)-2,6-diphenyl-4-hydroxyaniline bileşiğinin moleküler yapısının ve titreşim spektrumunun incelenmesi, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Yürütücü, 19.11.2014 - 19.05.2015

- Subkritik ve süperkritik akışkanlarla topraktan ağır metal ekstraksiyonu, Yükseköğretim Kurumları tarafından destekli bilimsel araştırma projesi, Araştırmacı, 25.09.2009 - 25.10.2010

Editörlükler

A. Uluslararası Editörlükler (9)

- 2024, Euroasia Journal of Mathematics, Engineering, Natural & Medical Sciences, İKSAD, Dergi, GOOGLE SCHOLAR
- 2024, Discover Applied Sciences, Springer, Dergi, ESCI: Emerging Sources Citation Index
- 2022, International Anatolian Congress on Multidisciplinary Scientific Research, İKSAD INSTITUTE PUBLISHING HOUSE, Kitap,
- 2020, Exploratory Environmental Science Research, KNOWLEDGE EMPOWERMENT FOUNDATION, Dergi, İlgili alanda önde gelen ülkelerin hakemli bilimsel/mesleki dergilerinde yayımlanmış tam makale
- 2020, Eoro Asia 7th. International Congress On Applied Sciences, İKSAD PUBLISHING HOUSE, Kitap,
- 2018, Journal of Pharmaceutical and Biopharmaceutical Research, syncSci publishing, Dergi, Google Scholar, CNKI
- 2018, The Pharmaceutical and Chemical Journal, The Pharmaceutical and Chemical Journal, Dergi, Directory of Research Journals Indexing, Indian Citation Index, Chemical Abstracts Service, Open J Gate, Global Impact Factor, Scholar Journal Impact Factor, World Cat Library, HINARI, Queen's University, Technical University of Applied Sciences Wildau, CaRLO DFJF Library, Cite Factor, Infobase Index, My Journals, Max Planck Institute, Open Academic Journal Index, Open Access Journals, Advanced Sciences Index, MIAR, Universal Impact Factor, IIFC, Open Academic Journal Index, Journal Impact Factor, Scientific Journal, International Society for Research Activity (ISRA), Eurasian Scientific Journal Index, Scientific Indexing Service, International Institute of Organized Research, Sparc Indexing, Directory of Open Access Scholarly Resources, Directory of Indexing and Impact Factor, Scholar Steer, International Society of Indexing, Stass- und Universitätsbibliothek Fachbibliotheken Bibliothekssystem Universität Hamburg, Indian Science, General Impact Factor, Cosmos Impact Factor, Institute for Scientific Information, UNIVERSITATS LEIPZIG, Zeitschriftendatenbank (ZDB), Elektronische Zeitschriftenbibliothek, Leibniz Information Centre for Life Sciences, Gesamtbestand der TIB/UB Hannover, UNIVERSITAT DES SAARLANDES, SAARLANDISCHE UNIVERSITATS-UND LANDESBIBLIOTHEK, SAIF Impact Factor, J-Gate, ResearchGate, AcademicKeys, Google Scholar
- 2018, Applied Chemical Engineering, EnPress, Dergi, Alan endeksleri kapsamındaki dergilerde yayımlanmış tam makale (Endeksi belirtiniz)
- 2018, Materials Science: Materials Review, Whioce Publishing Pte. Limited, Dergi, CNKI Scholar, Crossref, Google Scholar, National Library Board of Singapore, Portico Scilit, Worldcat

Araştırma Sertifikaları

A. Uluslararası Araştırma Sertifikaları (5)

- 06.08.2024, ACADEMY OF SCIENTIFIC AND EDUCATIONAL STUDIES /INTERNATIONAL BLKAN SCIENTIFIC RESEARCH CONGRESS, <https://www.aseseng.com/uluslararasi-balkan-bilimsel-arastirmalar-kongresi/#kongrehakkinda> Kongre Konuları Antropoloji Arkeoloji Coğrafya Dil Disiplinlerarası Bilimler Edebiyat Filoloji Eğitim Bilimleri Ekonomi El Sanatları Enerji Ekonomisi Felsefe Gazetecilik Güvenlik Güzel Sanatlar Halkla İlişkiler Hukuk İşletme Bilimleri İktisat İktisadi Ve İdari Bilimler İletişim İlahiyat Kamu Yönetimi Kültür Maliye Mimarlık Müzik Psikoloji Resim Sanat Sanat Tarihi Sağlık Yönetimi Ve Eğitimi Siyaset Bilimi Sosyoloji Turizm Tarih Uluslararası İlişkiler Temel Tıp Bilimleri Dahili Tıp Bilimleri Cerrahi Bilimler Diş Sağlığı Eczacılık Hemşirelik Beslenme ve Diyet Sağlık Turizmi Sağlık Hizmetleri FTR SPOR BİLİMLERİ Mühendislik Fen Bilimleri Ziraat ve Veterinerlik,
- 14.06.2024, Uluslararası Perge Bilimsel Çalışmalar Kongresi, Temel Tıp Bilimleri Dahili Tıp Bilimleri Cerrahi Bilimler Diş Sağlığı Eczacılık Hemşirelik Beslenme ve Diyet Sağlık Turizmi Sağlık Hizmetleri FTR Spor Bilimleri Mühendislik Fen Bilimleri Ziraat ve Veterinerlik Antropoloji Arkeoloji Coğrafya Dil Disiplinlerarası Bilimler Edebiyat Filoloji Eğitim Bilimleri Ekonomi El Sanatları Enerji Ekonomisi Felsefe Gazetecilik Güvenlik Güzel Sanatlar Halkla İlişkiler Hukuk İşletme Bilimleri İktisat İktisadi Ve İdari Bilimler İletişim İlahiyat İslami Bilimler Kamu Yönetimi Kültür Maliye Mimarlık Müzik Psikoloji Resim Sanat Sanat Tarihi Sağlık Yönetimi Ve Eğitimi Siyaset Bilimi Sosyoloji Turizm Tarih Uluslararası İlişkiler,
- 26.09.2020, 2nd HEZARFEN International Congress of Science, Mathematics and Engineering Sciences, Danışma Kurulu Üyeliği,
- 22.08.2020, EURO ASIA 7th. INTERNATIONAL CONGRESS ON APPLIED SCIENCES, Danışma Kurulu Üyeliği,

- 30.09.2016, Uluslararası Mersin Bilim Şenliği Programı, TÜBİTAK 4007 - Uluslararası Mersin Bilim Şenliği Programı - Toz Şekerden Kömür Eldesi, MERSİN ÜNİVERSİTESİ

B. Ulusal Araştırma Sertifikaları (10)

- 17.05.2024, FEN, EDEBİYAT, FEN-EDEBİYAT, DİL VE TARİH-COĞRAFYA FAKÜLTELERİ ÖĞRETİM PROGRAMLARI DEĞERLENDİRME VE AKREDİTASYON DERNEĞİ, DEĞERLENDİRİCİ SERTİFİKASI,
- 17.12.2018, TÜBİTAK Gözlemci Panelist, Gözlemci Panelist,
- 13.09.2017, Eğitimcilerin eğitimi, 11-13/09/2017 tarihleri arasında Mersin Üniversitesi Eğitim Fakültesi tarafından düzenlenen Eğitimcilerin Eğitimi konulu eğitime katılmıştır., MERSİN ÜNİVERSİTESİ
- 08.05.2017, Yangın ve Kurtarma, Yangın ve Kurtarma konularında düzenlenen hizmetiçi eğitime katılmıştır., MERSİN ÜNİVERSİTESİ
- 18.04.2017, İş Sağlığı Ve Güvenliği Eğitimi, İş Sağlığı Ve Güvenliği Eğitimine katılmıştır. Eğitimin Konuları:Çalışma mevzuatı ile ilgili bilgilerÇalışanların yasal hak ve sorumluluklarıİşyeri temizliği ve düzenli kazası ve meslek hastalığından doğan hukuki sonuçlar, MERSİN ÜNİVERSİTESİ
- 17.08.2016, İş Sağlığı Ve Güvenliği Eğitimi, 17/02/2016 tarihinde İş Sağlığın Ve Güvenliğ birimi tarafından düzenlenen eğitime katılmıştır. Eğitimin Konuları: Sıkça rastlana iş kazaları ve tehlike nedenleri Meslek hastalıkları Acil durum önlemleri İşyerine ait özel riskler Risk değerlendirmesi, MERSİN ÜNİVERSİTESİ
- 01.03.2016, Kromatografide Son Gelişmeler ve MSMS Teknolojisi Semineri, Kromatografide Son Gelişmeler ve MSMS Teknolojisi Semineri'ne katılmıştır., MERSİN ÜNİVERSİTESİ
- 05.02.2016, ARDEB PANELİ VE PROJE YAZMA EĞİTİMİ, ARDEB PANELİ VE PROJE YAZMA EĞİTİMİ'ne katılmıştır., MERSİN ÜNİVERSİTESİ
- 04.06.2013, TS EN ISO 9001 Kalite Yönetim Sistemi Temel Eğitimi, TS EN ISO 9001 Kalite Yönetim Sistemi Temel Eğitimi konulu eğitim programını başarı ile tamamlamıştır., MERSİN ÜNİVERSİTESİ
- 26.03.2012, Bilgilendirme ve Eğitim Semineri, Mersin Üniversitesi'nde TÜBİTAK tarafından düzenlenen "Bilgilendirme ve Eğitim Semineri"ne katılmıştır., MERSİN ÜNİVERSİTESİ

Hakemlikler

A. Uluslararası Hakemlikler (18)

- 2018, Journal of Environmental Science and Health, Part A, Dergi, SCI-Expanded
- 2018, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, Dergi, SCI-Expanded
- 2018, Journal of Environmental Chemical Engineering, Dergi, ESCI: Emerging Sources Citation Index
- 2018, Journal of Hazardous Materials, Dergi, SCI
- 2017, Korean Journal of Chemical Engineering, Dergi, SCI-Expanded
- 2017, Journal of Environmental Chemical Engineering, Dergi, ESCI: Emerging Sources Citation Index
- 2017, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, Dergi, SCI-Expanded
- 2017, Issues in biological sciences and pharmaceutical Research, Dergi, İlgili alanda önde gelen ülkelerin hakemli bilimsel/mesleki dergilerinde yayımlanmış tam makale
- 2017, Gazi University Journal of Science, Dergi, ESCI: Emerging Sources Citation Index
- 2017, European Journal of Chemistry, Dergi, İlgili alanda önde gelen ülkelerin hakemli bilimsel/mesleki dergilerinde yayımlanmış tam makale
- 2016, INTERNATIONAL RESEARCH JOURNAL OF PUBLIC AND ENVIRONMENTAL HEALTH, Dergi, Alan endeksleri kapsamındaki dergilerde yayımlanmış tam makale (Endeksi belirtiniz)
- 2016, HYDROMETALLURGY, Dergi, SCI-Expanded

- 2016, RSC Advances, Dergi, SCI-Expanded
- 2016, JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, Dergi, SCI-Expanded
- 2016, Journal of Environmental Chemical Engineering, Dergi, ESCI: Emerging Sources Citation Index
- 2016, INTERNATIONAL JOURNAL OF AGRICULTURAL POLICY AND RESEARCH, Dergi, Alan endeksleri kapsamındaki dergilerde yayımlanmış tam makale (Endeksi belirtiniz)
- 2015, Journal of Environmental Chemical Engineering, Dergi, ESCI: Emerging Sources Citation Index
- 2015, INDUSTRIAL AND ENGINEERING CHEMISTRY RESEARCH, Dergi, SCI-Expanded

B. Ulusal Hakemlikler (1)

- 2016, Journal of the Turkish Chemical Society, Section A: Chemistry, Dergi, Alan endeksleri kapsamındaki dergilerde yayımlanmış tam makale (Endeksi belirtiniz)

Ödüller

- 2017, Sözlü Bildiri Ödülü, Alanında yurtiçi kamu kurum ve kuruluşlarından alınan ödül, KARADENİZ TEKNİK ÜNİVERSİTESİ

Üniversite Dışı Deneyim

- 2008 - 2008 **KİMYAGER** MSM Gıda Analiz Laboratuvarı, GIDA ANALİZ LABORATUVARINDA KİMYAGER (ENSTRUMENTAL VE ANALİTİK ANALİZ)

Oluşturma Tarihi: 08.04.2026 13:41