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Education Information

Post Doctorate, Eskişehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ,
Turkey 2021 - Continues

Doctorate, Van Yüzüncü Yıl University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve
Genetik (Dr), Turkey 2017 - 2021

Postgraduate, Turkey 2011 - 2014

Undergraduate, Turkey 2007 - 2011

Certificates, Courses and Trainings

Vocational Training, "MOLEKÜLER ONKOLOJİK ARAŞTIRMALARDA NANOPARTİKÜLLER EĞİTİMİ", ege üniversitesi, 2023

Vocational Training, Laboratuvarda 5S Yaklaşımı ve Uygulamaları Webinarı', Labakademi, 2021

Vocational Training, Pozitif İletişim Webinarı, labakademi, 2021

Vocational Training, Yüksek Performanslı Sıvı Kromatografisi (HPLC) Kullanıcı Eğitimi, Labakademi, 2020

Vocational Training, Pedagojik Formasyon Eğitimi, van yüzüncü yıl üniversitesi, 2011

Research Areas

Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Eskişehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİYOMEDİKAL
MÜHENDİSLİĞİ BÖLÜMÜ, 2023 - Continues

Academic and Administrative Experience

Deputy Head of Department, Eskişehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, BİYOMEDİKAL
MÜHENDİSLİĞİ BÖLÜMÜ, 2024 - 2027

Courses

Biyomedikal teknolojileri, Associate Degree, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Catalytic electro-oxidation of hydrazine by thymol based-modified glassy carbon electrode**
Sharif K. H., DEMİR KIVRAK H., Ozok-Arici Ö., Caglar A., KIVRAK A.
FUEL, vol.330, 2022 (SCI-Expanded)
- II. **Novel 5-(2-phenylbenzo [b] thiophen-3-yl)furan-2-carbaldehyde based ovarian cancer carbohydrate antigen 125 electrochemical sensor**
Er O. F., DEMİR KIVRAK H., Ozok Ö., KIVRAK A.
MATERIALS CHEMISTRY AND PHYSICS, vol.291, 2022 (SCI-Expanded)
- III. **Benzotiyofen@Pd as an efficient and stable catalyst for the electrocatalytic oxidation of hydrazine**
Kaya Ş., Ozok-Arici Ö., Kivrak A., Caglar A., Demir Kivrak H.
FUEL, vol.328, 2022 (SCI-Expanded)
- IV. **Synthesis of novel artesunate-benzothiophene and artemisinin-benzothiophene derivatives**
Ozok Ö., Kavak E., Kivrak A.
NATURAL PRODUCT RESEARCH, vol.36, no.20, pp.5228-5234, 2022 (SCI-Expanded)
- V. **Synthesis of Thiophene/Furan-Artemisinin Hybrid Molecules**
Ozok-Arici Ö., Kavak E., KIVRAK A.
CHEMISTRY & BIODIVERSITY, vol.19, no.8, 2022 (SCI-Expanded)
- VI. **Design, synthesis and pharmacological evaluation of novel Artemisinin-Thymol**
Kavak E., Mutlu D., Ozok Ö., Arslan S., Kivrak A.
NATURAL PRODUCT RESEARCH, vol.36, no.14, pp.3511-3519, 2022 (SCI-Expanded)
- VII. **Synthesis of Novel Artemisinin Derivatives and Their Electrochemical Properties**
Esen M., Kavak E., Ozok-Arici Ö., Ulas B., Demir Kivrak H., Kivrak A.
CHEMISTRYSELECT, vol.7, no.19, 2022 (SCI-Expanded)
- VIII. **Glucose Electrooxidation Study on 3-iodo-2-(aryl/alkyl)benzo[b]thiophene Organic Catalyst**
Ozok-Arici Ö., KAYA Ş., Caglar A., DEMİR KIVRAK H., KIVRAK A.
JOURNAL OF ELECTRONIC MATERIALS, vol.51, no.4, pp.1653-1662, 2022 (SCI-Expanded)
- IX. **Synthesis and characterization of 4-(2-(4-methoxyphenyl)benzo[b] thiophen-3-yl)benzaldehyde for carbohydrate antigen 125 electrochemical detection and molecular docking modeling**
DEMİR KIVRAK H., Er O. F., Ozok Ö., Çelik S., KIVRAK A.
MATERIALS CHEMISTRY AND PHYSICS, vol.281, 2022 (SCI-Expanded)
- X. **A novel electrochemical sensor for monitoring ovarian cancer tumor protein CA 125 on benzothiophene derivative based electrodes**
Er O. F., DEMİR KIVRAK H., Ozok Ö., Çelik S., KIVRAK A.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.904, 2022 (SCI-Expanded)
- XI. **Design of 2-(4-(2-pentylbenzo[b]thiophen-3-yl)benzylidene)malononitrile based remarkable organic catalyst towards hydrazine electrooxidation**
Faruk Er O., Ulaş B., Ozok Ö., Kivrak A., Kivrak H.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.888, 2021 (SCI-Expanded)
- XII. **Identification of 3-Bromo-1-Ethyl-1H-Indole as a Potent Anticancer Agent with Promising Inhibitory Effects on GST Isozymes**
Yılmaz C., Arslan S., Mutlu D., Konuş M., Kayhan A., Kurt-Kızıldoğan A., Otur Ç., Ozok Ö., Kivrak A.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.21, no.6, pp.1292-1300, 2021 (SCI-Expanded)
- XIII. **Novel benzothiophene based catalyst with enhanced activity for glucose electrooxidation**
Ozok Ö., Kavak E., Er O. F., Kivrak H., Kivrak A.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.45, no.53, pp.28706-28715, 2020 (SCI-Expanded)

- XIV. **Synthesis, Biological Evaluation and Molecular Docking of Novel Thiophene-Based Indole Derivatives as Potential Antibacterial, GST Inhibitor and Apoptotic Anticancer Agents**
Konus M., Çetin D., Yılmaz C., Arslan S., Mutlu D., Kurt-Kızıdoğan A., Otur Ç., Ozok Ö., AS Algo M., Kivrak A.
CHEMISTRYSELECT, vol.5, no.19, pp.5809-5814, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Investigation of the performance of (4-(3-iodobenzo[b]thiophen-2-yl)-N,N-dimethyllaniline as an anode catalyst for glucose electrooxidation**
Özok Arıcı Ö., Kaya Ş., Çağlar A., Demir Kivrak H., Kivrak A.
Manas Journal of Engineering, vol.11, no.2, pp.216-222, 2023 (Peer-Reviewed Journal)
- II. **SYNTHESIS OF THYMOL DERIVATIVES AND ITS FUEL CELL PERFORMANCE AS AN ANODE CATALYST**
Sharif K. H., Özok Ö., Çağlar A., Demir Kivrak H., Kivrak A.
INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE-IJEES, no.3, pp.51-58, 2022 (ESCI)
- III. **Sakarya ili ormanlık alan topraklarından Streptomyces türlerinin izolasyonu, karakterizasyonu ve bazı ekstraselüler enzimlerin üretiminin belirlenmesi**
ÖZOK ARICI Ö., ÖZDEMİR K.
Toprak Bilimi ve Bitki Besleme Dergisi, vol.7, no.1, pp.64-71, 2019 (Non Peer-Reviewed Journal)

Books & Book Chapters

- I. **Electrocatalysis Based on Carbon Composite Catalysts**
ULAŞ B., KAYA Ş., ÇAĞLAR A., ÖZOK Ö., Hama Sharif K., KAVAK E., KIVRAK A., Khan A., DEMİR KIVRAK H.
in: Carbon Composite Catalysts, , Editor, Springer, pp.371-405, 2022

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis of Artemisinin-Pyrazole Derivatives**
lökoğlu g., ÖZOK ARICI Ö., KIVRAK A.
4th International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 November 2022
- II. **Synthesis of new CN/COOH-substituted-indole derivatives**
Mustafayev H., ÖZOK ARICI Ö., YAMAN M., KIVRAK A.
1st International Conference on Engineering, Natural and Social Sciences ICENSOS 2022, Turkey, 20 December 2022
- III. **Design And Synthesis Of Novel Furan Hybrid Molecules**
ÖZOK ARICI Ö., KAVAK E., KIVRAK A.
Cukurova 7th International Scientific Researches Conference, Turkey, 7 - 08 September 2021, pp.434
- IV. **Synthesis of Thymol Derivatives and its Fuel Cell Performance as an Anode Catalyst'**
Hama Sharif K., ÖZOK ARICI Ö., ÇAĞLAR A., DEMİR KIVRAK H., KIVRAK A.
5th International Conference on Alternative Fuels, Energy & Environment: Future and Challenges (ICAFEE 2021), Kayseri, Turkey, 16 October 2021 - 18 October 2020, pp.664
- V. **Synthesis of Artemisinin-Benzothiophene Derivatives**
ÖZOK ARICI Ö., KAVAK E., KIVRAK A.
5th International Organic Chemistry Congress, Malatya, Turkey, 14 October 2021, pp.19
- VI. **Amit Köprülü Aril/Alkil-Artesunate Türevlerinin Sentezi**
esen m., KAVAK E., ÖZOK ARICI Ö., KIVRAK A.
33.Ulusal Kimya Kongresi, Turkey, 07 September 2021
- VII. **Synthesis Of Novel Antiviral Artemisinin-(Thiophene Bridge) Benzothiophene Derivatives**

ÖZOK ARICI Ö., KAVAK E., KIVRAK A.

Cukurova 7th International Scientific Researches Conference, Turkey, 07 September 2021, pp.432

- VIII. **Enhanced Glucose Electrooxidation Activity With Palladium Doped Benzothioephene Based Catalyst**
KAYA Ş., ÖZOK ARICI Ö., Kıdak ş. m., başar h., izmirli s., ÇAĞLAR A., KIVRAK A., DEMİR KIVRAK H.
4.International European Conference On Interdisciplinary Scientific Research, 08 August 2021
- IX. **Hidrazin Elektrokoksasyon Reaksiyonunda Anot Katalizörleri Olarak Benzotiyofen Türevlerinin Tasarımı, Karakterizasyonu, Performans Analizleri Ve Optimizasyonu, Sözlü Sunum**
ER Ö. F., ULAŞ B., ÖZOK ARICI Ö., KIVRAK A., DEMİR KIVRAK H.
14. Ulusal Kimya Mühendisliği Kongresi, Turkey, 10 June 2020
- X. **Artemisinin-Timol Hibrit Molekülünün Sentezi, Sitotoksitesinin Belirlenmesi Ve in Siliko Çalışmaları**
KAVAK E., ÖZOK ARICI Ö., MUTLU D., ARSLAN Ş., KIVRAK A.
32.Ulusal Kimya Kongresi, Turkey, 17 September 2020
- XI. **Yeni Nesil Antiviral Artemisinin-Benzotiyofen Türevlerinin Sentezi ve Sars-cov-2 Karşı Potansiyelleri**
ÖZOK ARICI Ö., KAVAK E., KIVRAK A.
32.Ulusal Kimya Kongresi, Turkey, 17 September 2020
- XII. **1-İsopropil-4-Metil-2-(Prop-2-İn-1-İloksi)Benzene Türevinin Sentezi Ve Sitotoksitesinin Belirlenmesi**
ÖZOK ARICI Ö., KAVAK E., demirci d. o., ARSLAN Ş., MUTLU D., KIVRAK A.
32.Ulusal Kimya Kongresi, Turkey, 17 September 2020
- XIII. **Hidrazin Elektrokoksasyon Reaksiyonunda Anot Katalizörleri Olarak Benzotiyofen Türevlerinin Tasarımı, Karakterizasyonu, Performans Analizleri Ve Optimizasyonu**
ER Ö. F., ULAŞ B., ÖZOK ARICI Ö., KIVRAK A., DEMİR KIVRAK H.
14. Ulusal Kimya Mühendisliği Kongresi, Turkey, 10 June 2020
- XIV. **Design And Synthesis Of Novel Benzothioephene Derivatives**
ÖZOK ARICI Ö., KIVRAK A.
1st International Göbeklitepe Agriculture Congress, Turkey, 25 - 27 November 2019
- XV. **3-İyodobenzotiyofen Türevlerinin Sentezi**
ÖZOK ARICI Ö., KIVRAK A.
13.Ulusal Kimya Mühendisliği Kongresi, Turkey, 03 September 2018
- XVI. **Halkalaşma Tepkimesiyle Yeni Benzo[f]indol-4,9-dion Türevlerinin Sentezi**
ÖZOK ARICI Ö., KIVRAK A.
6. Uluslararası İlaç Kimyası Kongresi, Antalya, Turkey, 22 - 25 March 2018
- XVII. **Streptomyces Species Isolated from Forest Soil and Their Enzyme Activity**
ÖZOK ARICI Ö., ÖZDEMİR K., ERTAŞ M., ATALAN E.
XVII. International Symposium on the Biology Actinomycetes, Turkey, 08 October 2014

Supported Projects

KIVRAK A., KARA A., ÖZOK ARICI Ö., Project Supported by Higher Education Institutions, Yapısında Kalkojen OSSe İçeren Artesunat Hibrit Türevlerinin Sentezi, 2023 - Continues

KAYA Ş., DEMİR KIVRAK H., KIVRAK A., ULAŞ B., ÖZOK ARICI Ö., Project Supported by Higher Education Institutions, Organik Temelli Katalizörlerin Alkali Yakıt Pili Performanslarının Farklı Membranlar Üzerinde İncelenmesi, 2023 - Continues

Özok Arıcı Ö., Kıvrak A., Çağlar A., Demir Kıvrak H., Kaya Ş., TUBİTAK Project, TUBİTAK 1002 Pirazol Temelli Organik Yakıt Pili Anot Katalizörlerinin Tasarımı ve Elektrokimyasal Özellikleriyakıt pili, 2024 - 2025

Özok Arıcı Ö., TUBİTAK Project, Benzo[B]Tiyofen İçeren Hidrazon Temelli Bileşiklerin Sentezi, Fotofiziksel, Elektrokimyasal Özellikleri, 2023 - 2024

Özok Arıcı Ö., Yaman M., Kıvrak A., TUBİTAK Project, Benzo[B]Tiyofen İçeren Hidrazon Temelli Bileşiklerin Sentezi, Fotofiziksel, Elektrokimyasal Özellikleri, 2023 - 2024

Özok Arıcı Ö., Kıvrak A., Project Supported by Higher Education Institutions, Yeni Siyano Fonksiyonlu Pirazollerin Sentezi

ve Elektrokimyasal Sensör Uygulamaları, 2023 - 2024

Özok Arıcı Ö., TUBITAK Project, Yeni Aldehit Fonksiyonlu Pirazollerin Sentezi ve Elektrokimyasal Sensör Uygulamaları, 2021 - 2023

Özok Arıcı Ö., Project Supported by Higher Education Institutions, 3-İyodobenzotiyofen Türevlerinin Hidrazin Elektrokoksidadasyon Uygulamaları ve Yakıt Pili Performansları, 2021 - 2022

Özok Arıcı Ö., Project Supported by Higher Education Institutions, Sakarya ili ormanlık alan topraklarından Streptomyces türlerinin izolasyonu, karakterizasyonu ve bazı ekstraselüler enzimlerin üretiminin belirlenmesi, 2013 - 2014

Activities in Scientific Journals

American Journal of Biomedical and Life Sciences, Editor, 2022 - Continues

Scientific Refereeing

PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, SCI Journal, January 2024

Cumhuriyet Üniversitesi Fen-Edebiyat Fakültesi Fen Bilimleri Dergisi, National Scientific Refreed Journal, April 2023

Scientific Publication, Determination of Some Physiological Parameters of Acanthiophilus Helianthi Rossi (Diptera: Tephritidae) Before and After Damage on Different Safflower (Carthamus Tinctorius L.) Varieties, Sivas Cumhuriyet University, Turkey, February 2023

Scientific Publication, Glycoprofiling of Oligosaccharides of Regular and Lactose-Free Milk by Mass Spectrometry, Manisa Celal Bayar University, Turkey, June 2022

Tasks In Event Organizations

Özok Arıcı Ö., Biological and Chemical Security Online Symposium, Workshop Organization, Eskişehir, Turkey, Haziran 2021