

# ARIF KIVRAK

## PROF.

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAQ-8432-2021

ScopusID: 8694518300

Yoksis Researcher ID: 36134

### Learning Knowledge

Doctorate 2004 - 2011	Middle East Technical University, Graduate School Of Natural And Applied Sciences, Turkey
Postgraduate 2001 - 2003	Eskişehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, Turkey
Undergraduate 1998 - 2003	Eskişehir Osmangazi University, MÜHENDİSLİK-MİMARLIK FAKÜLTESİ, Turkey
Undergraduate 1997 - 2001	Eskişehir Osmangazi University, Turkey

### Dissertations

Doctorate, Development of new methods for the synthesis of pyrazoles, 4-iodopyrazoles, isoxazoles and 1,2,4-oxadiazoles, Middle East Technical University, Görme Engelliler Eğitimi Abd, 2011

Postgraduate, Düşük karbon çeliğinin 0.1 M hidrolik asit çözeltisindeki korozyonuna piridil grubu içeren schiff bazlarının inhibitör etkisi, Eskişehir Osmangazi University, FEN BİLİMLERİ ENSTİTÜSÜ, 2003

### Academic Titles / Tasks

Professor 2021 - Continues	Eskişehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ
Professor 2018 - 2021	Van Yüzüncü Yıl University, Fen Fakültesi, Kimya Bölümü
Associate Professor 2013 - 2018	Van Yüzüncü Yıl University, Fen Fakültesi, Kimya Bölümü

Assistant Professor  
2012 - 2013

Van Yüzüncü Yil University, Fen Fakültesi, Kimya Bölümü

Research Assistant PhD  
2011 - 2012

Van Yüzüncü Yil University

Research Assistant  
2004 - 2011

Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry

## Supported Projects

1. KIVRAK A., NAJRI B. A. A., Project Supported by Higher Education Institutions, ArtesunateBenzofuran Hibrit Moleküllerin Tasarımı Sentezi Karakterizasyonu Ve İnSilico Çalışmaları, 2023 - Continues
2. KIVRAK A., KARA A., LÖKOĞLU G., KAVAK E., NAJRI B. A. A., DEMİR KIVRAK H., KAYA Ş., NAJRI B. A. A., Project Supported by Higher Education Institutions, SİYANO GRUBU İÇEREN YENİ BENZOFURAN TÜREVLERİNİN SENTEZİ HİDRAZİN VE GLİKOZ YAKIT HÜCRESİ PERFORMANSLARININ BULUNMASI, 2023 - Continues
3. Özok Arıcı Ö., Kıvrak A., Çağlar A., Demir Kıvrak H., Kaya Ş., TUBITAK Project, TÜBİTAK 1002 Pirazol Temelli Organik Yakıt Pili Anot Katalizörlerinin Tasarımı ve Elektrokimyasal Özellikleriyakıt pili, 2024 - 2025
4. Özok Arıcı Ö., Kıvrak A., Project Supported by Higher Education Institutions, Yeni Siyano Fonksiyonlu Pirazollerin Sentezi ve Elektrokimyasal Sensör Uygulamaları, 2023 - 2024
5. Kıvrak A., Demir Kıvrak H., Erasmus Project, ERASMUS Digital Green, 2022 - 2024
6. Çağlar A., Kıvrak A., Ak G., TUBITAK Project, Ferrosen-benzotiyofen yapıların tasarımı, sentezi ve SARS-CoV-2 immunosensörü uygulamaları, 2022 - 2024
7. KIVRAK A., ÖZKÜTÜK M., Project Supported by Higher Education Institutions, BENZOTİYOFEN-AZA-ARTEMİSİNİN HİBRİT TÜREVLERİNİN SENTEZİ, KARAKTERİZASYONU ve MOLEKÜLER MODELLEMELERİ, 2021 - 2024
8. Kıvrak A., Bozkaya U., Yıldız H. B., TÜBİTAK - AB COST Project, Molekül İçi Küme Yaklaşımı Uygulanmış Möller-Plesset Pertürbasyon Teorisi Yöntemlerinin Geliştirilmesi, Cpu ve Gpu İçin Paralel Programlanması ve Boya Bazlı Foto-Elektrokimyasal Güneş Hüresine Uygulanması, 2021 - 2024
9. KIVRAK A., LÖKOĞLU G., Project Supported by Higher Education Institutions, Artemisinin Pirazol Hibrit Yapılarının Tasarımı Sentezi ve Karakterizasyonu, 2022 - 2023
10. Demir Kıvrak H., Kıvrak A., TUBITAK Project, TÜBİTAK 1002 122Z061: Benzofuran Türevlerinin Hidrazin Elektrooksidasyon Uygulamaları ve Yakıt Pili Performansları (01/04/2022-DEVAM EDİYOR), 2022 - 2023
11. KIVRAK A., DEMİR KIVRAK H., KAVAK E., KAYA Ş., ÖZOK ARICI Ö., Project Supported by Higher Education Institutions, 3-İyodobenzotiyofen Türevlerinin Hidrazin Elektrooksidasyon Uygulamaları ve Yakıt Pili Performansları, 2021 - 2022
12. Kıvrak A., Demir Kıvrak H., TUBITAK Project, Yeni Nesil Donör-Akseptör (D-A) Tipi İndol Türevlerinin Sentezi Ve Elektrokimyasal Davranımlar, 2021 - 2022
13. Kıvrak A., TÜBİTAK - AB COST Project, Yeni Artemisin-Indol/Benzotiyofen Hibrit Yapıların Tasarımı, Sentezi ve Karakterizasyonu, 2019 - 2022
14. Kıvrak A., Project Supported by Higher Education Institutions, Ferrosenil Naftakinon Türevlerinin Sentezi Elektrokimyasal ve Elektro optiksel özellikleri, 2019 - 2020
15. Kıvrak A., Demir Kıvrak H., Other International Funding Programs, Improving Sceince knowledge for foreign students, 2019 - 2019
16. Kıvrak A., Konuş M., Project Supported by Higher Education Institutions, Yapısında tiyofen/furan bulunduran Yeni İndol Türevlerinin Sentezi Radikal Yakalama ve İndirgeme Gücü Özelliklerinin Belirlenmesi, 2018 - 2019
17. Kıvrak A., Akbaş E., TUBITAK Project, Temel ve Uygulamalı Bilimlerde Arastırma Projesi Hazırlama ve Yürütme Süreçleri Eğitimi, 2018 - 2018

18. Kıvrak A., Project Supported by Higher Education Institutions, 3-Alkinil-2-tiyofen-2-ilbenzotiyofen Türevlerinin Sentezi ve Elektro kimyasal Özellikleri, 2017 - 2018
19. Kıvrak A., Project Supported by Higher Education Institutions, Tiyeno [3,2-a]karbazol türevlerinin sentezi için yeni metodların geliştirilmesi, 2016 - 2018
20. Kıvrak A., Project Supported by Other Official Institutions, Pulmoner arteriyel hipertansiyon tedavisinde kullanılan yeni türevlerin elde edilmesi, 2016 - 2018
21. Kıvrak A., KOSGEB, Pulmoner Arterel Hipertansiyon Tedavisinde Kullanılan Jenerik İlaç Üretimi ve Yeni Türevlerin Elde Edilmesi, 2016 - 2018
22. Kıvrak A., Zahmakıran M., TÜBİTAK - AB COST Project, Lignin Model Bileşiklerinin Katalitik Yükseltgenme Tepkimeleri için Katalitikçe Etkin Uzun Ömürlü ve Tekrar Kullanılabilir Yeni Heterojen Katalizörlerin Geliştirilmesi, 2015 - 2018
23. Kıvrak A., Konuş M., Project Supported by Higher Education Institutions, Sentetik Benzaldehit Türevlerinin Antimikrobiyal ve Antifungal Etkilerinin Belirlenmesi, 2015 - 2018
24. Kıvrak A., TÜBİTAK - AB COST Project, Tiyeno-Dibenzotiyofen Türevlerinin Sentezi İçin Uygulanabilir Metodların Geliştirilmesi, Antioksidan, Antifungal, Antimikrobiyal Kapasitelerinin Belirlenmesi Ve İlaç Metabolize Eden Enzimler Üzerine Etkilerinin İncelenmesi, 2015 - 2018
25. Kıvrak A., Project Supported by Higher Education Institutions, Yeni organik çalışmaların incelenmesi, 2017 - 2017
26. Kıvrak A., Project Supported by Higher Education Institutions, 3-Alkinil-2-tiyofenil indollerin Sentezi, 2016 - 2017
27. Kıvrak A., Demir Kıvrak H., Project Supported by Higher Education Institutions, PdAg Formik Asit Yakıt Pili Anot Katalizörlerinin Sentezi ve Karakterizasyonu, 2016 - 2017
28. Kıvrak A., Project Supported by Higher Education Institutions, YENİ 9,10-DİFURAN-2-İLANTRASEN TÜREVLERİNİN SENTEZİ ve ELEKTROKİMYASAL ELEKTROOPTİKSEL ÖZELLİKLERİ, 2016 - 2017
29. Kıvrak A., Konuş M., Project Supported by Higher Education Institutions, 2-(prop-2-in-1-iloksi) Benzaldehit Türevlerinin Sentezi ve Antioksidan Kapasitesinin Belirlenmesi, 2015 - 2016
30. Demir Kıvrak H., Kıvrak A., TUBİTAK Project, Yüksek Aktiviteye Sahip Formik Asit Yakıt Pili Anot Katalizörü Pt Pd Au Çekirdek Kabuk Katalizörlerinin Mikrodalga Yöntemi ile Üretilmesi, 2014 - 2016
31. Kıvrak A., TÜBİTAK - AB COST Project, Tiyenokarbazol Türevlerinin Sentezi için Uygulanabilir Metodların Geliştirilmesi, 2014 - 2016
32. Kıvrak A., İçli M., TUBİTAK Project, Elektron Sunucu Elektron Alıcı Elektron Sunucu Yönteme Göre Tasarlanmış Elektrokromik Düşük Bant Aralıklı Tiyadiazol ve Furan Bazlı Polimerlerin Sentezi ve Karakterizasyonu, 2014 - 2016
33. Kıvrak A., TUBİTAK Project, Optoelektronik Devreler İçin Tasarlanmış Yeni Antrasen Türevlerinin Sentezi Karakterizasyonu Ve Aygıt Uygulamaları, 2013 - 2016
34. Kıvrak A., Project Supported by Higher Education Institutions, Elektrofilik Halkalaşma Tepkimesi İle Naftafuran-4,9-Dion Türevlerinin Sentezi, 2014 - 2015
35. Kıvrak A., Demir Kıvrak H., Project Supported by Higher Education Institutions, Çekirdek Kabuk yapısına sahip Metanol Elektro oksitleme Pt Ru Nano Katalizörlerinin Sentezi ve Geliştirilmesi, 2014 - 2015
36. Kıvrak A., Project Supported by Higher Education Institutions, Elektrofilik Halkalaşma Tepkimeleri ile Potansiyel Biyolojik Aktiviteye Sahip Hetero Naftakinon Türevlerinin Sentezi ve Palatyum Katalizörlü Kenetlenme Tepkimeleri Kullanılarak Türevlendirilmesi, 2013 - 2015

## Scholarships

Fransa Toluose Kısa Dönem Bilimsel Araştırma Bursu, Official Institutions of Foreign Countries, 2017 - 2017  
2214/A Yurt Dışı Doktora Sırası Araştırma Bursu, TÜBİTAK, 2008 - 2009

## Jury Memberships

Doctorate, Doctorate, Eskişehir Osmangazi Üniversitesi, December, 2022  
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi

Üniversitesi, November, 2022

Doctoral Examination, Doctoral Examination, Eskişehir Osmangazi Üniversitesi, November, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, October, 2022

Doctoral Examination, Doctoral Examination, Eskişehir Osmangazi Üniversitesi, June, 2022

Award, TUBA, Eskişehir Osmangazi University, May, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Van Yüzüncü Yıl Üniversitesi, May, 2021

Doctoral Examination, Doctoral Examination, Van Yüzüncü Yıl Üniversitesi, November, 2020

Doctoral Examination, Doctoral Examination, Van Yüzüncü Yıl Üniversitesi, June, 2020

## Published journal articles indexed by SCI, SSCI, and AHCI

- Design of highly effective organic catalyst for hydrazine electrooxidation: Iodobenzo[b]furan derivatives**  
Najri B. A., Kaya Ş., Kavak E., Kivrak A., Demir Kivrak H.  
Process Safety and Environmental Protection, vol.187, pp.792-798, 2024 (SCI-Expanded)
- Hydrazine electrooxidation performance of cyano-substituted indole derivatives as organic anode catalyst**  
Çalış Karatekin H., Ulaş B., Yılmaz Y., DEMİR KIVRAK H., KIVRAK A.  
Process Safety and Environmental Protection, vol.186, pp.1410-1418, 2024 (SCI-Expanded)
- Highly efficient metal free aldehyde-functionalized indoles for direct glucose fuel cell anode catalyst**  
Çalış Karatekin H., Ulaş B., Yılmaz Y., DEMİR KIVRAK H., KIVRAK A.  
International Journal of Hydrogen Energy, vol.63, pp.635-644, 2024 (SCI-Expanded)
- Synthesis and characterization of novel indole-cyanoacetic acid derivative and its applications**  
YAMAN M., Mustafayev H., Arici O. O., Kavak E., Berber H., KIVRAK A., DEMİR KIVRAK H.  
Journal of Solid State Electrochemistry, 2024 (SCI-Expanded)
- Screening the possible anti-cancer constituents of Hibiscus rosa-sinensis flower to address mammalian target of rapamycin: an in silico molecular docking, HYDE scoring, dynamic studies, and pharmacokinetic prediction**  
Rasul H. O., Aziz B. K., Ghafour D. D., KIVRAK A.  
MOLECULAR DIVERSITY, vol.27, no.5, pp.2273-2296, 2023 (SCI-Expanded)
- Synthesis of 3-Iodoindoles and Their Glucose Electrooxidation Performance as an Anode Catalyst**  
Çalış Karatekin H., Ulaş B., Yılmaz Y., DEMİR KIVRAK H., Kavak E., KIVRAK A.  
Waste and Biomass Valorization, vol.14, no.10, pp.3285-3295, 2023 (SCI-Expanded)
- Discovery of potential mTOR inhibitors from Cichorium intybus to find new candidate drugs targeting the pathological protein related to the breast cancer: an integrated computational approach**  
Rasul H. O., Aziz B. K., Ghafour D. D., KIVRAK A.  
Molecular Diversity, vol.27, no.3, pp.1141-1162, 2023 (SCI-Expanded)
- Optical, electrochemical and DFT studies of donor-acceptor typed indole derivatives**  
Carbas B. B., NOORI H. A., Kavak E., Kaya Y., KIVRAK A.  
Journal of Molecular Structure, vol.1271, 2023 (SCI-Expanded)
- Electrochromic properties of a polydithienylpyrrole derivative with N-phenyl pyrrole subunit**  
Bezgin Carbas B., Ergin N. M., Yildiz H. B., KIVRAK A., Demet A. E.  
Materials Chemistry and Physics, vol.293, 2023 (SCI-Expanded)
- Catalytic electro-oxidation of hydrazine by thymol based-modified glassy carbon electrode**  
Sharif K. H., DEMİR KIVRAK H., Ozok-Arici Ö., Çağlar A., KIVRAK A.  
FUEL, vol.330, 2022 (SCI-Expanded)
- 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)

12. **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)
13. **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)
14. **Synthesis and biological activity of new indole based derivatives as potent anticancer, antioxidant and antimicrobial agents**  
Konus M., Çetin D., Kızıllan N. D., Yılmaz C., Fidan C., Algo M., Kavak E., KIVRAK A., Kurt-Kızıldoğan A., Otur Ç., et al.  
Journal of Molecular Structure, vol.1263, 2022 (SCI-Expanded)
15. **A new electrochromic copolymer composed of 4,7-di(thiophen-2-yl)benzo[c] [1,2,5] thiadiazole and 3,4-ethylenedioxythiophene**  
Çelik K., Kivrak A., Çarbaş B.  
TURKISH JOURNAL OF CHEMISTRY, vol.46, no.5, pp.1516-1523, 2022 (SCI-Expanded)
16. **Synthesis of Thiophene/Furan-Artemisinin Hybrid Molecules**  
Ozok-Arici Ö., Kavak E., KIVRAK A.  
CHEMISTRY & BIODIVERSITY, vol.19, no.8, 2022 (SCI-Expanded)
17. **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)
18. **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)
19. **A Thiophene Derivative, 2-Bromo-5-(2-(methylthio)phenyl)thiophene, Has Effective Anticancer Potential with Other Biological Properties**  
Yılmaz C., Pirdawid A. O., Babat C. F., Konuş M., Cetin D., KIVRAK A., Algo M. A. S., ARSLAN Ş., Mutlu D., Otur C., et al.  
CHEMISTRYSELECT, vol.7, no.15, 2022 (SCI-Expanded)
20. **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)
21. **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)
22. **Synthesis of Ethynyl-Thiophene Derivatives, Antioxidant Properties and ADME Analysis**  
Konus M., Algo M., Yılmaz C., Khorsheed B. A., Koroğlu A., Çetin D., Ergin D., KIVRAK A.  
ChemistrySelect, vol.7, no.12, 2022 (SCI-Expanded)
23. **Indole-based novel organic anode catalyst for glucose electrooxidation**  
Hamad A. R., Çalış H., Çağlar A., Demir Kivrak H., Kivrak A.  
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.46, no.2, pp.1659-1671, 2022 (SCI-Expanded)
24. **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)
25. **Synthesis and characterization of an electrochromic copolymer based on 9, 10-di (furan-2-yl)anthracene and 3,4-ethylenedioxythiophene**  
Kalçık A., KIVRAK A., Bezgin Çarbaş B.  
Turkish Journal of Chemistry, vol.46, no.4, pp.1110-1119, 2022 (SCI-Expanded)

26. **Electrochemical Dopamine Sensor Based on Gold Nanoparticles Electrodeposited on a Polymer/Reduced Graphene Oxide-Modified Glassy Carbon Electrode**  
Güler M., Kavak E., Kivrak A.  
Analytical Letters, vol.55, no.7, pp.1131-1148, 2022 (SCI-Expanded)
27. **A Novel 4H-Chromen-4-One Derivative from Marine Streptomyces ovatisporus S4702T as Potential Antibacterial and Anti-Cancer Agent.**  
Kurt-Kızıldoğan A., Akarsu N., Otur Ç., Kivrak A., Aslan-Ertas N., Arslan S., Mutlu D., Konus M., Yılmaz C., Cetin D., et al.  
Anti-cancer agents in medicinal chemistry, vol.22, pp.362-370, 2022 (SCI-Expanded)
28. **In silico molecular docking and dynamic simulation of eugenol compounds against breast cancer**  
Rasul H. O., Aziz B. K., Ghafour D. D., KIVRAK A.  
JOURNAL OF MOLECULAR MODELING, vol.28, no.1, 2022 (SCI-Expanded)
29. **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)
30. **Synthesis, Optimization, ADME Analysis, and Antioxidant Activity of 2-(Arylethynyl)-3-ethynylthiophenes**  
Kavak E., Algsó M., Konus M., Yılmaz C., Lazoğlu A., Karaağaç S., Kivrak A.  
Russian Journal of Organic Chemistry, vol.57, no.1, pp.91-99, 2021 (SCI-Expanded)
31. **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)
32. **A comparative analysis for anti-viral drugs: Their efficiency against SARS-CoV-2**  
Kivrak A., Ulaş B., Kivrak H.  
International Immunopharmacology, vol.90, 2021 (SCI-Expanded)
33. **Synthesis, Cytotoxicity, Antioxidant and Antimicrobial Activity of Indole Based Novel Small Molecules**  
Kurt-Kızıldoğan A., Otur C., Yılmaz C., Arslan S., Mutlu D., Kivrak A., Algsó M., Kayhan A., cetin D., Konuş M.  
LETTERS IN DRUG DESIGN & DISCOVERY, vol.18, no.5, pp.461-470, 2021 (SCI-Expanded)
34. **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)
35. **Synthesis of Novel Benzothiophene Derivatives via Cyclization Reactions**  
Hama A., Algsó M., Kavak E., Kivrak A.  
Russian Journal of Organic Chemistry, vol.56, no.7, pp.1272-1278, 2020 (SCI-Expanded)
36. **Tailoring the metallic composition of Pd, Pt, and Au containing novel trimetallic catalysts to achieve enhanced formic acid electrooxidation activity**  
Ulaş B., Caglar A., Kivrak A., Aktaş N., Kivrak H.  
Ionics, vol.26, no.6, pp.3109-3121, 2020 (SCI-Expanded)
37. **Synthesis of Ferrocene Based Naphthoquinones and its Application as Novel Non-enzymatic Hydrogen Peroxide**  
Ertas N. A., Kavak E., Salman F., Kazici H. C., Kivrak H., Kivrak A.  
Electroanalysis, vol.32, no.6, pp.1178-1185, 2020 (SCI-Expanded)
38. **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-Kızıldoğan A., Otur Ç., Ozok Ö., AS Algsó M., Kivrak A.  
CHEMISTRYSELECT, vol.5, no.19, pp.5809-5814, 2020 (SCI-Expanded)
39. **Design, Synthesis, and In vitro Evaluation of Thieno[a]dibenzothiophene Derivatives**  
Konus M., Algsó M. A. S., Kavak E., Kurt-Kızıldoğan A., Yılmaz C., Kivrak A.  
ChemistrySelect, vol.5, no.12, pp.3700-3709, 2020 (SCI-Expanded)

40. **Novel carbon nanotube supported Co@Ag@Pd formic acid electrooxidation catalysts prepared via sodium borohydride sequential reduction method**  
Er O. F., Caglar A., Ulaş B., Kivrak H., Kivrak A.  
Materials Chemistry and Physics, vol.241, 2020 (SCI-Expanded)
41. **Carbon monoxide and formic acid electrooxidation study on Au decorated Pd catalysts prepared via microwave assisted polyol method**  
Ulaş B., Kivrak A., Aktaş N., Kivrak H.  
FULLERENES NANOTUBES AND CARBON NANOSTRUCTURES, vol.27, no.7, pp.545-552, 2019 (SCI-Expanded)
42. **New strategy for the synthesis of 3-ethynyl-2-(thiophen-2-yl)benzo[b]thiophene derivatives**  
Algso M. A. S., Kivrak A.  
Chemical Papers, vol.73, no.4, pp.977-985, 2019 (SCI-Expanded)
43. **Atomic molar ratio optimization of carbon nanotube supported PdAuCo catalysts for ethylene glycol and methanol electrooxidation in alkaline media**  
Ulaş B., Caglar A., Kivrak A., Kivrak H.  
Chemical Papers, vol.73, no.2, pp.425-434, 2019 (SCI-Expanded)
44. **Synthesis and evaluation of antioxidant, antimicrobial and anticancer properties of 2-(prop-2-yn-1-yloxy)benzaldehyde derivatives**  
Konus M., Aydemir S., Yılmaz C., Kivrak A., Kizildogan A. K., Arpacı P. U.  
Letters in Organic Chemistry, vol.16, no.5, pp.415-423, 2019 (SCI-Expanded)
45. **Synthesis of tetracyanoethylene-substituted ferrocene and its device properties**  
Kivrak A., Zobi C., Torlak Y., Çamlısoy Y., Kuş M., Kivrak H.  
APPLIED ORGANOMETALLIC CHEMISTRY, vol.32, no.10, 2018 (SCI-Expanded)
46. **A novel nonenzymatic hydrogen peroxide amperometric sensor based on Pd@CeO<sub>2</sub>-NH<sub>2</sub> nanocomposites modified glassy carbon electrode**  
Güler M., Türkoğlu V., Kivrak A., Karahan F.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.90, pp.454-460, 2018 (SCI-Expanded)
47. **Synthesis and biological evaluation of novel benzothiophene derivatives**  
Algso M. A. S., Kivrak A., Konuş M., Yılmaz C., Kurt-Kizildoğan A.  
JOURNAL OF CHEMICAL SCIENCES, vol.130, no.9, 2018 (SCI-Expanded)
48. **Synthesis and biological properties of novel 1-methyl-2-(2-(prop-2-yn-1-yloxy)benzylidene)hydrazine analogues**  
Kivrak A., Yılmaz C., Konuş M., Koca H., Aydemir S., Oagaz J. A.  
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.2, pp.306-316, 2018 (SCI-Expanded)
49. **Electrochemical polymerization of a new alkoxy-bridged dithieno (3,2-B:2',3'-D) pyrrole derivative**  
Kivrak A., Yildiz H. B., Gökyer S., Bezgin Çarbaş B.  
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.2, pp.439-448, 2018 (SCI-Expanded)
50. **Synthesis and solar-cell applications of novel furanyl-substituted anthracene derivatives**  
Kivrak A., Er Ö. F., Kivrak H., Topal Y., Kuş M., Çamlısoy Y.  
OPTICAL MATERIALS, vol.73, pp.206-212, 2017 (SCI-Expanded)
51. **Synthesis of thiophenyl-substituted unsymmetrical anthracene derivatives and investigation of their electrochemical and electrooptical properties**  
Kivrak A., Çalış H., Topal Y., Kivrak H., Kuş M.  
SOLAR ENERGY MATERIALS AND SOLAR CELLS, vol.161, pp.31-37, 2017 (SCI-Expanded)
52. **Electrosynthesis of a new indole based donor-acceptor-donor type polymer and investigation of its electrochromic properties**  
Carbas B. B., Kivrak A., Kavak E.  
MATERIALS CHEMISTRY AND PHYSICS, vol.188, pp.68-74, 2017 (SCI-Expanded)
53. **Facile and Rapid Synthesis of Microwave Assisted Pd Nanoparticles as Non-Enzymatic Hydrogen Peroxide Sensor**  
Sahin O., Kivrak H., Kivrak A., Kazici H. Ç., Alal O., Atbas D.

- INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.12, no.1, pp.762-769, 2017 (SCI-Expanded)
54. **Electrochemical detection of malathion pesticide using acetylcholinesterase biosensor based on glassy carbon electrode modified with conducting polymer film**  
Güler M., Türkoğlu V., Kivrak A.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.23, no.12, pp.12343-12351, 2016 (SCI-Expanded)
55. **One-pot synthesis of 4-(phenylselanyl)-substituted pyrazoles**  
Zora M., Demirci D., Kivrak A., Kelgokmen Y.  
TETRAHEDRON LETTERS, vol.57, no.9, pp.993-997, 2016 (SCI-Expanded)
56. **A Camouflage Material: p- and n-Type Dopable Furan Based Low Band Gap Electrochromic Polymer and Its EDOT Based Copolymer**  
Kavak E., Us C. N., Yavuz E., Kivrak A., İçli Özkut M.  
ELECTROCHIMICA ACTA, vol.182, pp.537-543, 2015 (SCI-Expanded)
57. **A novel glucose oxidase biosensor based on poly([2,2 ' ; 5 ' ,2 ' ']-terthiophene-3 ' -carbaldehyde) modified electrode**  
Güler M., Türkoğlu V., Kivrak A.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.79, pp.262-268, 2015 (SCI-Expanded)
58. **Electrochemical polymerization of a new low-voltage oxidized thienylenepyrrole-derivative and its electrochromic device application**  
Carbas B. B., Kivrak A., Teke E., ZORA M., ÖNAL A. M.  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.729, pp.15-20, 2014 (SCI-Expanded)
59. **A novel one-pot synthesis of ferrocenyl-substituted 1,2,4-oxadiazoles**  
ZORA M., Kivrak A., Kelgokmen Y.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.759, pp.67-73, 2014 (SCI-Expanded)
60. **A novel synthesis of 1,2,4-oxadiazoles and isoxazoles**  
Kivrak A., ZORA M.  
TETRAHEDRON, vol.70, no.4, pp.817-831, 2014 (SCI-Expanded)
61. **Synthesis and electropolymerization of an ion sensing and fluorescent fluorene derivative bearing a quinoxaline moiety and its analogues with different donor units**  
Kivrak A., Carbas B. B., ZORA M., ÖNAL A. M.  
REACTIVE & FUNCTIONAL POLYMERS, vol.72, no.9, pp.613-620, 2012 (SCI-Expanded)
62. **Synthesis and electropolymerization of a new ion sensitive ethylenedioxy-substituted terthiophene monomer bearing a quinoxaline moiety**  
Carbas B. B., Kivrak A., ZORA M., ÖNAL A. M.  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.677, pp.9-14, 2012 (SCI-Expanded)
63. **A new processable electrochromic polymer based on an electron deficient fluorene derivative with a high coloration efficiency**  
Çarbaş B. B., Kivrak A., ÖNAL A. M.  
ELECTROCHIMICA ACTA, vol.58, pp.223-230, 2011 (SCI-Expanded)
64. **Synthesis of Pyrazoles via CuI-Mediated Electrophilic Cyclizations of alpha,beta-Alkynic Hydrazones**  
ZORA M., Kivrak A.  
JOURNAL OF ORGANIC CHEMISTRY, vol.76, no.22, pp.9379-9390, 2011 (SCI-Expanded)
65. **Synthesis of Pyrazoles via Electrophilic Cyclization**  
ZORA M., Kivrak A., Yazici C.  
JOURNAL OF ORGANIC CHEMISTRY, vol.76, no.16, pp.6726-6742, 2011 (SCI-Expanded)
66. **Synthesis of a novel fluorescent and ion sensitive monomer bearing quinoxaline moieties and its electropolymerization**  
Arba B. B., Kivrak A., ZORA M., ÖNAL A. M.  
REACTIVE & FUNCTIONAL POLYMERS, vol.71, no.5, pp.579-587, 2011 (SCI-Expanded)
67. **Synthesis of Dihydrobenzoxazoles by the [3+2] Cycloaddition of Arynes and Oxaziridines**  
Kivrak A., Larock R. C.  
JOURNAL OF ORGANIC CHEMISTRY, vol.75, no.21, pp.7381-7387, 2010 (SCI-Expanded)

68. **ORGN 236-Synthesis of pyrazoles via electrophilic cyclization of hydrazones of alkynals and alkynones**  
ZORA M., Kivrak A.  
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.237, 2009 (SCI-Expanded)
69. **ORGN 134-Synthesis of 4-alkynylpyrazoles via Sonogashira coupling of 4-iodopyrazoles with terminal acetylenes**  
ZORA M., Karabiyikoglu S., Kivrak A.  
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.237, 2009 (SCI-Expanded)
70. **Efficient one-pot synthesis of cyanoferrocene from ferrocenecarboxaldehyde using NH<sub>2</sub>OH center dot HCl/KI/ZnO/CH<sub>3</sub>CN system**  
Kivrak A., ZORA M.  
JOURNAL OF ORGANOMETALLIC CHEMISTRY, vol.692, no.11, pp.2346-2349, 2007 (SCI-Expanded)
71. **Effect of Schiff bases containing pyridyl group as corrosion inhibitors for low carbon steel in 0.1 M HCl**  
YURT A., Bereket G., Kivrak A., Balaban A., Erk B.  
Journal of Applied Electrochemistry, vol.35, no.10, pp.1025-1032, 2005 (SCI-Expanded)

### Articles Published in Other Journals

- Synthesis of Benzo[b]Thiophene-Based Organic Compounds and Their Hydrazine Electrooxidation Performance as an Anode Catalyst**  
Özok Arıcı Ö., Kaya Ş., Çağlar A., Demir Kivrak H., Kivrak A.  
Eskişehir Osmangazi Üniversitesi mühendislik ve mimarlık fakültesi dergisi (online), vol.32, no.2, pp.1356-1362, 2024 (Peer-Reviewed Journal)
- 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)
- 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)
- GREEN SYNTHESIS OF 1-METHYL-2-PHENYL-3-(THIOPHEN-2-YL)-1H-INDOLE**  
Çalış H., Koca H., Kivrak A.  
INTERNATIONAL JOURNAL OF ECOSYSTEMS AND ECOLOGY SCIENCE-IJEES, vol.11, no.3, pp.667-670, 2021 (ESCI)
- Ferrocene as a leaving group Unexpected rearrangement reactions for the synthesis of 2,3-diarylnapthoquinones**  
Arslan Ertaş N., Kivrak A.  
Manas Journal of Engineering, vol.8, no.1, pp.22-27, 2020 (Peer-Reviewed Journal)
- THE RELATIONSHIP BETWEEN GEOCHEMICAL FEATURES OF BUDAKLI(BİTLİS) SPRING AND GEOLOGICAL GEOGRAPHICAL STRUCTURES OF THE FIELD**  
Avşin Görendağlı N., Kavak E., Kivrak A.  
The Journal of Social Sciences Institute, vol.1, no.1, pp.105-124, 2019 (Peer-Reviewed Journal)
- A novel study on the stepwise electrodeposition approach for the synthesis of Pd based nanoparticles, characterization and their enhanced electrooxidation activities**  
Avcı Ç., Çicek F., Çelik Kazıcı H., Kivrak A., Demir Kivrak H.  
INTERNATIONAL JOURNAL OF NANO DIMENSION, no.1, pp.15-23, 2018 (ESCI)
- Synthesis and Characterization of Carbon Nanotube Supported Pt-Au Catalyst and Its Microwave Assisted N-Hexane Decomposition Measurements**  
Muhammed Ali S., Çağlar A., Demir Kivrak H., Kivrak A.  
Nanoscience and Nanotechnology Research, vol.4, no.4, pp.132-134, 2017 (Peer-Reviewed Journal)

9. **Microwave Assisted Synthesis of Sn Promoted Pt Catalysts and Their Ethanol Electro oxidation Activities**

Atbas D., Caglar A., Demir Kıvrak H., Kıvrak A.

American Journal of Nanomaterials, vol.4, no.1, pp.8-11, 2016 (Peer-Reviewed Journal)

## Books & Book Chapters

1. **Geleneksel ve Yenilenebilir Enerji Kaynakları**

Kıvrak A. (Editor)

Anadolu Yayınları, Eskişehir, 2023

2. **Hidrojen Enerjisi ve Piller**

Kıvrak A.

in: GELENEKSEL VE YENİLENEBİLİR ENERJİ KAYNAKLARI, Arif KIVRAK, Hakan Dal, Editor, Anadolu Yayınları, Eskişehir, pp.229-250, 2023

3. **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

4. **Lisansüstü Eğitimde Değişim Programları ve etkileri**

KIVRAK A.

in: Lisansüstü Eğitim Üzerine Düşünceler, Fuat Tanhan, Celal Aslan, Necdet Taşkın, Cesim Aladağ,, Editor, Pegem Yayıncılık, pp.100-110, 2019

5. **Kimya Mühendisliği**

TORLAK Y., KIVRAK A., KUŞ M.

in: Mühendislik Bilimlerinde Güncel Akademik Çalışmalar, Prof. Dr. Serdar Salman, Prof.Dr. Rıdvan Karapınar, Assoc.Prof.Dr. Duygu Kavak, Dr. Ali Kılıçer, Editor, IVPE, Montero, pp.895-904, 2018

6. **Okul Öncesi Dönemde Kimyaya ilişkin Farkındalık**

KIVRAK A., RAKAP M.

in: Erken Çocuklukta Fen Eğitimi, PARLAK RAKAP, ASİYE, Editor, Eğiten Kitap, Ankara, pp.89-115, 2018

## Refereed Congress / Symposium Publications in Proceedings

1. **Doğrudan Hidrazin Yakıt Pili Sistemlerinde Organik Temelli Katalizörlerin Performanslarının İncelenmesi**

Kaya Ş., Özok Arıcı Ö., Ulaş B., Kıvrak A., Demir Kıvrak H.

4. BİLSEL INTERNATIONAL SUMELA SCIENTIFIC RESEARCHES CONGRESS, Trabzon, Turkey, 10 - 11 August 2024, pp.641-647

2. **Investigation of Indole Derivatives as Anode Catalyst for Hydrazine Electrooxidation**

Çalış H., ULAŞ B., Yılmaz Y., DEMİR KIVRAK H., KIVRAK A.

The 6th International Conference on Alternative Fuels, Energy & Environment (ICAFEE 2023): Future and Challenges, 6 - 08 October 2023

3. **Design of a Highly Effective Organic Catalyst for Hydrazine Electrooxidation: Iodobenzo[b]furan Derivatives**

Najri B. A., KAYA Ş., KAVAK E., KIVRAK A., DEMİR KIVRAK H.

The 6th International Conference on Alternative Fuels, Energy & Environment (ICAFEE 2023): Future and Challenges, 06 October 2023

4. **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

5. **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

6. **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
7. **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
8. **Synthesis of Artemisinin-Benzothiophene Derivatives**  
ÖZOK ARICI Ö., KAVAK E., KIVRAK A.  
5th International Organic Chemistry Congress, Malatya, Turkey, 14 October 2021, pp.19
9. **Synthesis of Artemisinin-Benzothiophene Derivatives**  
Kivrak A., Özok Ö., Kavak E.  
5th Organic Chemistry Congress 2021 (OrgChemTR-5), Malatya, Turkey, 14 - 16 October 2021, pp.19
10. **Amit Köprülü Aril/Alkil-Artesunate Türevlerinin Sentezi**  
Esen M., Kavak E., Özok Ö., Kivrak A.  
33. Ulusal Kimya Kongresi, İstanbul, Turkey, 7 - 09 October 2021, vol.017, no.0, pp.50
11. **Amit Köprülü Aril/Alkil-Artesunate Türevlerinin Sentezi**  
esen m., KAVAK E., ÖZOK ARICI Ö., KIVRAK A.  
33.Ulusal Kimya Kongresi, Turkey, 07 September 2021
12. **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
13. **Enhanced Glucose Electrooxidation Activity With Palladium Doped Benzothiophene Based Catalyst**  
KAYA Ş., ÖZOK ARICI Ö., KIDAK Ş. M., BAŞAR H., İZMİR Lİ S., ÇAĞLAR A., KIVRAK A., DEMİR KIVRAK H.  
4.International European Conference On Interdisciplinary Scientific Research, 08 August 2021
14. **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
15. **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
16. **1-İsopropil-4-Metil-2-(Prop-2-İn-1-İloksi)Benzene Türevinin Sentezi Ve Sitotoksitesinin Belirlenmesi**  
ÖZOK ARICI Ö., KAVAK E., DEMİR D. O., ARSLAN Ş., MUTLU D., KIVRAK A.  
32.Ulusal Kimya Kongresi, Turkey, 17 September 2020
17. **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
18. **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
19. **Design And Synthesis Of Novel Benzothiophene Derivatives**  
ÖZOK ARICI Ö., KIVRAK A.  
1st International Göbeklitepe Agriculture Congress, Turkey, 25 - 27 November 2019
20. **3-İyodobenzotiyofen Türevlerinin Sentezi**  
ÖZOK ARICI Ö., KIVRAK A.

13. Ulusal Kimya Mühendisliği Kongresi, Turkey, 03 September 2018
21. **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
22. **Design and Synthesis of Thophenyl-Substituted Novel Anthracene Derivates for Optoelectronic Applications**  
TORLAK Y., KUŞ M., KIVRAK A.  
2017 MRS Fall Meeting, Massachusetts, United States Of America, 26 November - 01 December 2017
23. **Yeni Antrasen Türevlerinin Sentezi ve Optoelektronik Uygulamaları**  
TORLAK Y., KIVRAK A., KUŞ M.  
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017
24. **Iodine-Catalyzed Oxidative Cyclizations for the Construction of Thienocarbazole derivatives**  
KIVRAK A., Koca H.  
254th ACS National Meeting in Washington, DC, Washington, Kiribati, 20 - 24 August 2017, pp.136
25. **Design and synthesis of novel Thieno-dibenzothiophene derivatives**  
KIVRAK A., Algo M.  
254th ACS National Meeting in Washington, DC, Washington, Kiribati, 20 - 24 August 2017, pp.513
26. **Synthesis Of Novel Anthracene Derivates and Their Optoelectronic of Applications**  
TORLAK Y., KIVRAK A.  
10th International Symposium on Flexible Organic Electronics (ISFOE17), Thessaloniki, Greece, 3 - 06 July 2017
27. **Antioxidant capacities of sulfur-containing alkyne derivatives**  
KONUŞ M., YILMAZ C., KIVRAK A., Khorsheed B. A.  
3rd International Conference on Engineering and Natural Sciences, 3 - 07 May 2017
28. **Synthesis and Biological Properties of Novel 2-(2-(thiophen-2-yl)benzo[b]thiophen-3-yl)-1H-indole**  
YILMAZ C., Algo M., KIVRAK A., KONUŞ M., KURT KIZILDOĞAN A.  
3rd International Conference on Engineering and Natural Sciences, 3 - 07 May 2017
29. **ANTIBACTERIAL AND ANTIFUNGAL PROPERTIES OF BENZALDEHYDE DERIVATIVES**  
KONUŞ M., KURT KIZILDOĞAN A., KIVRAK A., YILMAZ C.  
3rd International Conference on Engineering and Natural Sciences, 3 - 07 May 2017
30. **Inhibition mechanisms of some heavy metal couples on GST Activity of Pine Needles**  
YILMAZ C., SAATÇI E., KONUŞ M., KIVRAK A.  
3rd International Conference on Engineering and Natural Sciences, 3 - 07 May 2017
31. **SENTETİK BENZALDEHİT TÜREVLERİNİN ANTİFUNGAL ETKİLERİNİN ARAŞTIRILMASI**  
KIZILKAN N. D., KURT KIZILDOĞAN A., KONUŞ M., YILMAZ C., KIVRAK A.  
5. Uluslararası Katılımlı İlaç Kongresi, 30 March - 02 April 2017
32. **Yeni 2,3 Dihetero-substitüe-benzotiyofen Türevlerinin Sentezi ve Biyolojik Özellikleri**  
KIVRAK A., Algo M., KONUŞ M., YILMAZ C., KURT KIZILDOĞAN A.  
5. Uluslararası Katılımlı İlaç Kongresi, 30 March - 02 April 2017
33. **Design and Synthesis of Novel 2,3-Heterosubstituted Benzothiophene Derivatives**  
KIVRAK A., Algo M.  
3rd Cost Action CM1407 Meetings, Krakow, Poland, 2 - 03 March 2017
34. **Synthesis and Biological Properties of Novel 3-iodo-2'xx(thiophen-2-yl)-2,3'xx-bibenzo[b]thiophene**  
Algo M., KIVRAK A., YILMAZ C., KONUŞ M., KURT KIZILDOĞAN A.  
24th Young Research Fellows' Meeting, Paris, France, 8 - 10 February 2017, pp.177
35. **Şahin Ö Kıvrak H D Kıvrak A Çelik Kazıcı H Alal O Atbaş D MICROWAVE SYNTHESIZED Pd NANOPARTICLES AND THEIR APPLICATION AS A NON ENZYMATIC HYDROGEN PEROXIDE SENSOR**  
ŞAHİN Ö., DEMİR KIVRAK H., KIVRAK A., ÇELİK KAZICI H., ALAL O., Atbaş D.  
48th Symposium on Catalysis, Prag, 7 - 09 November 2016
36. **Synthesis of novel thienocarbazole derivatives via intramolecular cyclization reactions**  
KIVRAK A.  
3rd COST Action CM1307 Conference/SOCEPA/SEFIG joint meeting, Madrid, Spain, 24 - 26 October 2016

37. **Synthesis and characterization of microwave assisted Pd nanoparticles as hydrogen peroxide sensor**  
ULAŞ B., ŞAHİN Ö., DEMİR KIVRAK H., KIVRAK A., ÇELİK KAZICI H., ALAL O., ATBAŞ D.  
International NANOSCIENCE&NANOTECHNOLOGY FOR NEXT GENERATION (NaNoNG 2016) Conference, 20 - 22 October 2016
38. **Electrodeposition of CoAuPd nanoparticles on indium tin oxide and investigation of their electroactivity toward the formic acid electrooxidation**  
Ulaş B., Avcı Ç., Demir Kıvrak H., Kıvrak A.  
International NANOSCIENCE&NANOTECHNOLOGY FOR NEXT GENERATION (NaNoNG 2016) Conference, Antalya, Turkey, 20 - 22 October 2016
39. **MICROWAVE SYNTHESIZED Pd NANOPARTICLES AND THEIR APPLICATION AS A NON ENZYMATIC HYDROGEN PEROXIDE SENSOR**  
ŞAHİN Ö., DEMİR KIVRAK H., KIVRAK A., ÇELİK KAZICI H., ALAL O., ATBAŞ D.  
48th Symposium on Catalysis, 7 - 09 October 2016
40. **MICROWAVE ASSISTED SYNTHESIS OF Sn PROMOTED DIRECT ETHANOL FUEL CELL Pt CATALYSTS**  
ATBAŞ D., ÇAĞLAR A., DEMİR KIVRAK H., KIVRAK A.  
48th Symposium on Catalysis, 7 - 09 October 2016
41. **Co PROMOTED Pd Au NANOCATALYSTS AND ITS ENHANCED ALCOHOL ELECTROOXIDATION ACTIVITY**  
DEMİR KIVRAK H., ULAŞ B., KIVRAK A.  
48th Symposium on Catalysis, 7 - 09 October 2016
42. **SYNTHESIS AND CHARACTERIZATION OF Ag PROMOTED Pd NANOPARTICLES AND THEIR ENHANCED ETHANOL ELECTROOXIDATION ACTIVITY**  
ÇAĞLAR A., ALAL O., DEMİR KIVRAK H., ŞAHİN Ö., KIVRAK A.  
Chemistry and Chemical Technology, 28 - 29 April 2016
43. **Ni PROMOTED Pd ETHANOL ELECTROOXIDATION CATALYSTS**  
KOR Z., ÇAĞLAR A., DEMİR KIVRAK H., KIVRAK A., ŞAHİN Ö.  
Chemistry and Chemical Technology, 28 - 29 April 2016
44. **Design And Development of New Synthetic Methodologies For The Synthesis Of Novel Thieno c carbazoles**  
KIVRAK A.  
2nd COST CM1407 Meeting, Madrid, Spain, 4 - 06 April 2016
45. **Efficient one pot synthesis of 4 phenylselanyl substituted pyrazoles**  
ZORA M., DEMİRCİ D., KIVRAK A., KELGÖKMEN Y.  
Anatolian Conference on Synthetic Organic Chemistry (ACSOC II), KUŞADASI, Turkey, 21 - 24 March 2016
46. **Tek Kapta 2 3 di tiyofen 2 il 1H indol Sentezi**  
KAVAK E., ER Ö. F., KIVRAK A.  
4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, KUŞADASI, Turkey, 17 - 20 March 2016
47. **2 3 Dietiniltiyofen Türevlerinin Sentezi**  
koroğlu a., ALGSO M., esen m., KIVRAK A.  
4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Kuşadası, Turkey, 17 - 20 March 2016
48. **3 Arilethinil 2 tiyofen 2 il benzo b tiyofen Türevlerinin Sentezi**  
ALGSO M., KIVRAK A.  
4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, KUŞADASI, Turkey, 17 - 20 March 2016
49. **eno c karbazol Türevlerinin Sentezi ve Türevlendirilmesi**  
KIVRAK A., Koca H., Çalış H.  
4. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Kuşadası, Turkey, 17 - 20 March 2016
50. **Design and synthesis of novel Thieno dibenzothiophene derivatives their antioxidant antifungal and antimicrobial capacities and analysis of the effect on drug metabolising enzymes**

KIVRAK A., KONUŞ M., YILMAZ C., KURT KIZILDOĞAN A.

1st Meeting of COST Action CM1407, roma, Italy, 5 - 06 October 2015

51. **Synthesis of ethynyl thiophenes as starting materials for the synthesis of biologically active compounds**  
KIVRAK A., KAVAK E., KÖROĞLU A.  
' International Congress on Engineering and Natural Sciences (ICENS), Skopje, Macedonia, 15 - 19 May 2015
52. **Facile rapid synthesis of microwave assisted Pd nanoparticles for non enzymatic hydrogen peroxide sensor**  
ÇELİK KAZICI H., ALAL O., ATBAŞ D., DEMİR KIVRAK H., GÖKDOĞAN SAHİN O., KIVRAK A.  
1st International Conference on Organic Electronic Material Technologies (OEMT2015), 25 - 28 March 2015
53. **Synthesis and Spectroscopic Studies of Anthracene Based Small Organic Molecules**  
GÜNKUT S., DEMİR KIVRAK H., KIVRAK A., GÜMÜŞ S.  
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015
54. **A Novel Method for the Synthesis of 9 10 Di thiophen 2 yl anthracene**  
ÇALIŞ H., KÖROĞLU A., KIVRAK A.  
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015
55. **Synthesis and characterization of 5 9 di furan 2 yl 2 3 diphenylthieno 3 4 g quinoxaline**  
KAVAK E., KIVRAK A., İÇLİ ÖZKUT M., ASNUK B.  
Anatolian Conference on Synthetic Organic Chemistry, Antalya, Turkey, 16 - 19 March 2015
56. **Design Synthesis And Spectroscopic Studies Of Anthracene Based Small Organic Molecules**  
GUNKUT S., DEMİR KIVRAK H., KIVRAK A., GUMUS S.  
Anatolian Conference On Synthetic Organic Chemistry, 16 - 19 March 2015
57. **Synthesis Of A Novel Acceptor Anthracene Acceptor Conjugated Molecule And Its Electronic Properties**  
ZOBİ C., ER Ö. F., DEMİR KIVRAK H., KIVRAK A., GUMUS S.  
Anatolian Conference On Synthetic Organic Chemistry, 16 - 19 March 2015
58. **Design of Novel Thienocarbazole Derivatives COST ACTION CM1307 1st CONFERENCE CaPF joint meeting**  
KIVRAK A., DEMİR KIVRAK H.  
COST ACTION CM1307 1st CONFERENCE/ CaPF joint meeting, Cali, Colombia, 27 - 29 October 2014
59. **Electrochemical determination of glucose base on the immobilization of glucose oxidase onto poly 2 3 di thiophene 2 yl naphtlane 1 4 dione modified glassy carbon electrode**  
GÜLER M., TÜRKÖĞLU V., KIVANÇ M. R., KIVRAK A., basi z., turkoğlu n.  
International Conference on Applied Informatics for Health and Life Sciences (AIHLS-2014) Conference , Aydın, Turkey, 19 - 22 October 2014
60. **Karbon nanotüplerin elektrokimyasal ağır metal sensörü olarak kullanılması ve adsorpsiyon kinetiğinin incelenmesi**  
erol s., ŞAHİN Ö., DEMİR KIVRAK H., KIVRAK A.  
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014
61. **Kesikli reaktörlerde etilasetat ın sabunlaşma tepkime kinetiği**  
ÇITAK A., KIVRAK A.  
11. Ulusal Kimya Mühendisliği Kongresi , 5, Eskişehir, Turkey, 2 - 05 September 2014
62. **Yeni Multikromik Polimer Sentezi ve Elektrokromik Aygıt Uygulamaları**  
ÇARBAŞ B., KIVRAK A., teke e., ZORA M., ÖNAL A. M.  
11. Ulusal Kimya Mühendisliği Kongresi , Eskişehir, Turkey, 2 - 05 September 2014
63. **Karbon destekli Pt Sn Doğrudan beslemeli etanol yakıt pili katalizörü üzerinde etanol elektrooksitleme kinetiğinin incelenmesi**  
ŞAHİN Ö., DEMİR KIVRAK H., KIVRAK A.  
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014
64. **Çekirdek Kabuk yapısına sahip Metanol Elektro oksitleme Pt Ru Nano Katalizörlerinin Sentezi ve Geliştirilmesi**

DEMİR KIVRAK H., çiçek f., nazlı n., ŞAHİN Ö., KIVRAK A.

11. Ulusal Kimya Mühendisliği Kongresi , Eskişehir, Turkey, 2 - 05 September 2014

65. **Synthesis of Dihydrobenzoxazole Derivatives and Their Coupling Reactions**  
Kivrak A., Larock R.  
2nd Annual International Conference on Chemistry, Athens, Greece, 21 - 24 July 2014
66. **Alkinil Hidrazon İzomerlerinin Sentezi ve Kararlılıklarının Yoğunluk Fonksiyonu Teorisi DFT ile İncelenmesi**  
KIVRAK A., ZORA M.  
1. Ulusal Hesaplamalı Kimya Çalıştayı , 41 , V, Van, Turkey, 29 - 30 May 2014
67. **Synthesis Of Novel Anthracene Derivatives And Their Theoretical Approach**  
KIVRAK A., GÜMÜŞ S., KUŞ M.  
International Workshop on flexible Bio- and Bioorganic Printed Electronics , Konya, Turkey, 1 - 03 May 2014
68. **Benzo f indol 4 9 dion Sentezi İçin Yeni ve Uygulanabilir Metotların Geliştirilmesi**  
KIVRAK A., zobi c., günkut s., nazlı n.  
2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014
69. **Elektrofilik Halkalaşma Tepkimesi ile Naftafuran 4 9 Dion Sentezi**  
KIVRAK A., kavak e., GARBİ AKSUZ M., KÖROĞLU A.  
' 2. İlaç Kimyası, Üretimi, Teknolojisi ve Standardizasyonu Kongresi, Antalya, Turkey, 21 - 23 March 2014
70. **Carbon supported Pt M M Ag Ca Cd Cs Cu Fe Ir Mg Pd Ru Zr nanocatalysts A Novel approach for alcohol elec trooxidation by using EIS**  
demir n. c., DEMİR KIVRAK H., ŞAHİN Ö., KIVRAK A.  
10th International Electrochemistry Meeting, Konya, Turkey, 4 - 08 September 2013
71. **Mesaporous silica SBA 15 supported Pt Co Pb catalysts for environmetally friendly ethanol fuel cells**  
PEHLİVAN E., KIVRAK A., DEMİR KIVRAK H., SHAHRIARI M.  
International Conference of Ecosystems (ICE), 31 May - 05 June 2013
72. **The assesment on the use of environmentally friendly cars**  
PEHLİVAN E., KIVRAK A., DEMİR KIVRAK H., SHAHRIARI M.  
International Conference of Ecosystems (ICE), 31 May - 05 June 2013
73. **A photocatalytic methanol oxidation study over TiO<sub>2</sub> for clean environment**  
PEHLİVAN E., KIVRAK A., DEMİR KIVRAK H., SHAHRIARI M.  
International Conference of Ecosystems (ICE), 31 May - 05 June 2013
74. **Organic Solvents And Their Effects On Human And The Environment A Case Study**  
DEMİR KIVRAK H., mohammad s., PEHLİVAN E., KIVRAK A.  
International Conference of Ecosystems (ICE2013) Tirana, tirana, Albania, 31 May - 05 June 2013
75. **Risk Assesment of Organic Solvents Effects for the human health and environment**  
PEHLİVAN E., KIVRAK A., DEMİR KIVRAK H., SHAHRIARI M.  
International Conference of Ecosystems (ICE), 31 May - 05 June 2013
76. **Clean energy direct alcohol fuel cell catalysts with carbon supported binary anode catalysts**  
PEHLİVAN E., KIVRAK A., DEMİR KIVRAK H., SHAHRIARI M.  
International Conference of Ecosystems (ICE), 31 May - 05 June 2013
77. **Anthracene Substituted Thiophene Derivatives And Their Applications**  
KIVRAK A., DEMİR KIVRAK H.  
International Conference of Ecosystems (ICE2013) Tirana, tirana, Albania, 31 May - 05 June 2013
78. **Pirolokinoksalin İçeren Çok Halkalı Heterosiklik Moleküllerin Tek Balonda Sentezi**  
YAZICI N. E., KIVRAK A., ZORA M.  
26.Ulusal Kimya Kongresi; 1- 6 Ekim 2012; Ölüdeniz, Muğla, Turkey, 1 - 06 October 2012
79. **Design Synthesis And Properties of Antracene Substituted Thiophene Derivatives**  
KIVRAK A.  
' 3rd PAK-TURK Conference on Chemical Sciences, Bursa, Turkey, 13 - 15 September 2012
80. **PtRu and PtSn Electrocatalysts For DAFCs The Effect Of Iridium Addition**  
SAHİN O., DEMİR KIVRAK H., KIVRAK A.

3rd PAK-TURK Conference, 13 - 15 September 2012

81. **Kinoksalin Birimi İle Fonksiyonlandırılmış Demir Katyonuna Duyarlı Yeni Donör Akseptör Özellikli Tiyofen ve Floren Türevlerinin Sentezi Ve Polimerizasyonu**  
KIVRAK A., ÇARBAŞ B., ZORA M., ÖNAL A. M.  
IV. Ulusal Polimer Bilim ve Teknolojisi Kongresi, Çanakkale, Turkey, 5 - 08 September 2012
82. **3 ethinil tiyofen türevlerinin sentezi optiksel ve elektrokimyasal özellikleri**  
KIVRAK A., DEMİR KIVRAK H., SAHİN Ö.  
IV. Ulusal Polimer Bilim ve Teknoloji kongresi, Turkey, 5 - 08 September 2012
83. **Photo catalytic Hydrogen Production for a Clean Environment**  
DEMİR KIVRAK H., ŞAHİN Ö., düzenli d., KIVRAK A.  
International Conference of Ecosystems (ICE) Tirana, tirana, Albania, 1 - 06 June 2012
84. **Synthesis of 4 5 dihydropyrrolo 1 2 a quinoxaline and pyrrolo 1 2 a quinoxaline derivatives**  
ZORA M., KIVRAK A.  
243th ACS National Meeting & Exposition, San diego, United States Of America, 25 - 29 March 2012
85. **Polymerization of novel donor acceptor type functional fluorene derivatives at C9 position**  
ÇARBAŞ B., KIVRAK A., ZORA M., ÖNAL A. M.  
243th ACS National Meeting & Exposition, San Diego, United States Of America, 25 - 29 March 2012
86. **One pot synthesis of pyrroloquinoxaline embedded complex heterocyclic molecules**  
ZORA M., KIVRAK A., YAZICI N. E.  
243th ACS National Meeting & Exposition, san diego, United States Of America, 25 - 29 March 2012
87. **Electrochromic donor acceptor type fluorene derivatives**  
ÇARBAŞ B., KIVRAK A., ÖNAL A. M.  
` 9 th International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011
88. **Synthesis of a novel fluorescent and ion sensitive monomer bearing quinoxaline moieties and its electropolymerization**  
KIVRAK A., ÇARBAŞ B., ZORA M., ÖNAL A. M.  
9 th International Electrochemistry Meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011
89. **Synthesis of a series of novel fluorescent and ion sensitive monomers based on electron deficient fluorene derivatives bearing quinoxaline moieties and their electropolymerization**  
ÇARBAŞ B., KIVRAK A., ZORA M., ÖNAL A. M.  
` 25. Uluslararası katılımlı Ulusal kimya Kongresi, Erzurum, Turkey, 26 June - 02 July 2011
90. **Synthesis of Pyrrolo 1 2 a quinoxaline ve 4 5 Dihydropyrrolo 1 2 a quinoxaline derivatives**  
KIVRAK A., ZORA M.  
25. Uluslararası katılımlı Ulusal kimya Kongresi, Atatürk Üniversitesi, Erzurum, Turkey, 26 June - 02 July 2011
91. **Synthesis of 1 1 Bis pyrrolo 1 2 a quinoxaline 4 il ferrocene derivatives**  
ACAR A., KIVRAK A., ZORA M.  
25. Uluslararası katılımlı Ulusal kimya Kongresi, Atatürk Üniversitesi, Erzurum, Turkey, 26 June - 02 July 2011
92. **Synthesis of 1 1 Bis pyrrolo 1 2 a quinoxaline 4 il ferrocene derivatives**  
ACAR A., KIVRAK A., ZORA M.  
25. Uluslararası katılımlı Ulusal kimya Kongresi, Atatürk Üniversitesi, Erzurum, Turkey, 26 June - 02 July 2011
93. **4 Ferrosenil 4 5 dihidropirol 1 2 a kinoksalin Türevlerinin Sentezi**  
KIVRAK A., ÇETİN A., YAZICI N. E., ZORA M.  
25. Uluslararası katılımlı Ulusal kimya Kongresi, Atatürk Üniversitesi, Erzurum, Turkey, 26 June - 02 July 2011
94. **Dihidrobenzisoksazol Türevlerinin 3 2 Halkalı Katılma Tepkimesi ile Sentezlenmesi**  
KIVRAK A., larock r.  
` 24. Ulusal Kimya Kongresi, Zonguldak Karaelmas Üniversitesi, Zonguldak, Turkey, 29 June - 02 July 2010
95. **1 3 5 trisubstü 4 Fenilselenil Pirazol Türevlerinin Elektrofilik halkasma Tepkimesi ile Sentezi**  
demirci d., KIVRAK A., ZORA M.  
` 24. Ulusal Kimya Kongresi, Zonguldak Karaelmas Üniversitesi, Zonguldak, Turkey, 29 June - 02 July 2010
96. **5 Ferrosenil 4 4 nitroFenilsulfenil Substü 4 Pirazol Türevlerinin Elektrofilik halkasma Tepkimesi ile Sentezi**

KARAHAN DAĞ F., KIVRAK A., ZORA M.

24. Ulusal Kimya Kongresi, Zonguldak Karaelmas Üniversitesi, Zonguldak, Turkey, 29 June - 02 July 2010

97. **One pot synthesis of ferrocenyl substituted 1 2 4 oxadiazoles as potential antitumor substances**  
KIVRAK A., ZORA M.  
` 239th ACS National Meeting & Exposition, San-Francisco, Costa Rica, 21 - 25 March 2010
98. **Development of new methodologies for the synthesis of 1 2 4 oxadiazoles isoxazoles and 1 2 4 oxadiazepines**  
ZORA M., KIVRAK A.  
239th ACS National Meeting & Exposition, San-Francisco, Costa Rica, 21 - 25 March 2010
99. **Synthesis of 4 phenylselenyl and 4 4 nitrophenylsulfenyl substituted pyrazole derivatives via electrophilic cyclization of acetylenic hydrazones**  
KIVRAK A., ZORA M., KARAHAN DAĞ F., demirci d.  
` 239th ACS National Meeting & Exposition, San-Francisco, Costa Rica, 21 - 25 March 2010
100. **Pirazol türevlerinin elektrofilik halkalama tepkimeleri ile sentezi**  
ZORA M., KIVRAK A.  
XXIII. Ulusal Kimya Kongresi, Cumhuriyet Üniversitesi, Sivas, Turkey, 16 - 19 June 2009
101. **2 3 5 trisubstitue indol türevlerinin sentezi**  
KIVRAK A., chen y., larock r.  
XXIII. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 19 June 2009
102. **5 Ferrosenil 4 Iyot pirazol türevlerinin sentezi**  
KIVRAK A., demir n. c., ZORA M.  
XXIII. Ulusal Kimya Kongresi, Cumhuriyet Üniversitesi, Sivas, Turkey, 16 - 19 June 2009
103. **Synthesis of 2 3 5 Trisubstituted Indoles by Palladium Iodine Mediated Electrophilic Cyclizations and Further Elaboration by Palladium Catalyzed Coupling Processes**  
richard l., KIVRAK A., chen y.  
University of Kansas Center of Excellence in Chemical Methodologies & Library Development (KU CMLD) Annual Meeting, 27 - 29 October 2008
104. **1 2 4 Oksadiazol ve izoksazol türevlerinin sentezi için yeni metotların geliştirilmesi**  
ZORA M., KIVRAK A.  
" XXII. Ulusal Kimya Kongresi, Doğu Akdeniz Üniversitesi, mağusa, Cyprus (Kkct), 6 - 10 October 2008
105. **KI ZnO Ferrosenilnitril sentezi için yeni ve etkili katalizör sistemi**  
KIVRAK A., ZORA M.  
" XX. Ulusal Kimya Kongresi, Erciyes Üniversitesi, Kayseri, Turkey, 4 - 08 September 2006

## Academic and Administrative Experience

2021 - Continues	<b>Head of Department</b>	Eskisehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ
2019 - 2021	<b>University Executive Board Member</b>	Van Yüzüncü Yil University
2015 - 2021	<b>Mevlana Exchange Program Institutional Coordinator</b>	Van Yüzüncü Yil University, Tıp Fakültesi, Din Psikolojisi A.D.
2014 - 2021	<b>Farabi Program Institutional Coordinator</b>	Van Yüzüncü Yil University, Tıp Fakültesi, Din Psikolojisi A.D.
2014 - 2021	<b>Erasmus Program Institutional Coordinator</b>	Van Yüzüncü Yil University, Tıp Fakültesi, Din Psikolojisi A.D.

## Courses

Genel Kimya, Undergraduate, 2022 - 2023

İleri Analiz Yöntemleri, Doctorate, 2022 - 2023, 2021 - 2022

ORGANİK SENTEZ YÖNTEMLERİ II(A) , Undergraduate, 2021 - 2022

Organik Kimyada Spektroskopik Yöntemler II, Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

TEKSTİL KİMYASI (A) , Undergraduate, 2020 - 2021

Genel Kimya Lab.2, Undergraduate, 2020 - 2021

YEŞİL ORGANİK KİMYA (A) , Undergraduate, 2020 - 2021

Genel Kimya, Undergraduate, 2020 - 2021

İleri Organik Tepkime Mekanizmaları II, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

Kimyasal Süreç Güvenliği, Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

İleri Nükleer Manyetik Rezonans (NMR) Uygulamaları, Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

İleri Organik Tepkime Mekanizmaları , Doctorate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014

## Advising Theses

Kıvrak A., Artemisinin-pirazol hibrit yapılarının, tasarımı, sentezi ve karakterizasyonu, Postgraduate, G.LÖKOĞLU(Student), 2023

Kıvrak A., Design, synthesis, and characterization of new thymol hybrid molecules, Doctorate, K.HAMA(Student), 2022

Kıvrak A., Yeni artemisinin türevlerinin sentezi ve hidrazin yakıt pili anot katalizörü performansının incelenmesi, Doctorate, M.ESEN(Student), 2022

Kıvrak A., Yeni artemisinin-indol hibrit moleküllerin tasarımı, sentezi ve in siliko çalışmaları, Doctorate, E.KAVAK(Student), 2022

Kıvrak A., Artemisinin-benzotiyofen türevlerinin sentezi, antimikrobiyal, antioksidan etkinliği ve sitotoksosite aktivitelerinin belirlenmesi, Doctorate, Ö.ÖZOK(Student), 2021

Kıvrak A., SYNTHESIS OF BIOLOGICALLY IMPORTANT NEW INDOLE DERIVATIVES, Postgraduate, A.RASW(Student), 2021

Kıvrak A., Yeni timol türevinin tasarımı, sentezi ve karakterizasyonu ve sitotoksitesinin belirlenmesi, Postgraduate, D.OSMAN(Student), 2020

Kıvrak A., Synthesis of novel benzothiophene derivatives via cyclization reactions, Postgraduate, A.KHALAF(Student), 2019

Kıvrak A., Synthesis of thieno-dibenzothiophene derivatives via cyclization reactions, Doctorate, M.AMJAD(Student), 2018

Kıvrak A., Tiyeno[3,2-a]karbazol türevlerinin sentezi için yeni metotların geliştirilmesi, Postgraduate, E.KAVAK(Student), 2018

Kıvrak A., Elektrofilik halkalaşma tepkimesi ile naftafuran-4,9-dion sentezi, Postgraduate, M.GARBİ(Student), 2018

Demir Kıvrak H., KIVRAK A., Güneş pilleri için tasarlanan organik malzemelerin yeni katalizörler ile sentezi, Postgraduate, Ö.FARUK(Student), 2017

Kıvrak A., Tiyeno[c]karbazol türevlerinin yeni ve uygulanabilir metotlar ile sentezi, Postgraduate, H.KOCA(Student), 2017

Kıvrak A., Demir Kıvrak H., Microwave assisted n-hexane reforming on Pt-based catalyst, Postgraduate, M.ALI(Student), 2017

Kıvrak A., Synthesis of 2-(prop-2-yn-1-yloxy)benzaldehyde methylhydrazone derivatives and their antioxidant capacities, Postgraduate, J.ALI(Student), 2017

Kıvrak A., Heterohalkalı yeni tiyenokarbazol türevlerinin eldesi ve yapısal karakterizasyonları, Postgraduate,

A.KÖROĞLU(Student), 2017

Kıvrak A., 3-iyodo-1h-benzo[f]indole-4,9-dion türevlerinin elektrofilik halkalaşma tepkimeleri ile sentezi, Postgraduate, C.ZOBİ(Student), 2016

Kıvrak A., Optoelektronik devreler için tasarlanmış yeni antresen türevlerinin sentezi, Postgraduate, S.GÜNKUT(Student), 2016

Kıvrak A., Yapısında tiyofen bulunduran yeni antrasen türevlerinin sentezi ve elektrokimyasal ,elektrooptiksel özelliklerin bulunması, Postgraduate, H.ÇALIŞ(Student), 2016

## Memberships / Tasks in Scientific Organizations

CA21145 European Network for diagnosis and treatment of antibiotic-resistant bacterial infections, Member, 2022 - Continues, Turkey

CA20103 / Biosecurity Enhanced Through Training Evaluation and Raising Awareness (BETTER), Member, 2022 - Continues, Spain

CA17104 - New diagnostic and therapeutic tools against multidrug resistant tumors, Member, 2018 - Continues, Italy

## Scientific Refereeing

SCIENTIFIC REPORTS, SCI Journal, November 2023

FUEL, SCI Journal, October 2023

ORGANIC COMMUNICATIONS, Journal Indexed in ESCI, August 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Eskisehir Osmangazi University, Turkey, August 2022

TUBITAK Project, 1002 - Quick Support Program, Eskisehir Osmangazi University, Turkey, August 2022

TUBITAK Project, 3001 - Initial R&D Projects Support Program, Eskisehir Osmangazi University, Turkey, August 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Eskisehir Osmangazi University, Turkey, June 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Eskisehir Osmangazi University, Turkey, June 2022

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Eskisehir Osmangazi University, Turkey, May 2022

ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, SCI Journal, April 2022

JOURNAL OF ELECTROANALYTICAL CHEMISTRY, SCI Journal, March 2022

TUBITAK Project, 1002 - Quick Support Program, Eskisehir Osmangazi University, Turkey, March 2022

ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, SCI Journal, January 2022

NATURAL PRODUCT RESEARCH, SCI Journal, December 2021

Current Topics in Medicinal Chemistry, Other Indexed Journal, December 2021

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, November 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Eskisehir Osmangazi University, Turkey, November 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Eskisehir Osmangazi University, Turkey, November 2021

Project Supported by Higher Education Institutions, BAP Research Project, İstanbul University-Cerrahpaşa, Turkey, October 2021

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Eskisehir Osmangazi University, Turkey, September 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Eskisehir Osmangazi University, Turkey, September 2021

TURKISH JOURNAL OF CHEMISTRY, SCI Journal, August 2021

FUEL, SCI Journal, July 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Eskisehir Osmangazi University, Turkey, June 2021

Project Supported by Higher Education Institutions, BAP Research Project, Eskisehir Osmangazi University, Turkey, April 2021

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Eskisehir Osmangazi University, Turkey, April 2021

Project Supported by Higher Education Institutions, BAP Infrastructure, Eskisehir Osmangazi University, Turkey, April 2021

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, July 2019

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, June 2019

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, September 2018

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, June 2018

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, November 2017

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, June 2017

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, February 2017

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, December 2015

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, October 2015

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, September 2015

TURKISH JOURNAL OF CHEMISTRY, Journal Indexed in SCI-E, July 2015

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## Research Areas

Organic Chemistry