



CURRICULUM VITAE

Name and Surname: Ersin DEMİR
Academic Title: Associate Professor
Work Address:
Email: ersin.demir@afsu.edu.tr
Area of Expertise: Analytical Chemistry

Degree	Department/Program	University	Year
Doctorate	KİMYA (DR)	Gazi University	2017

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Çeşitli metal-sütunlanmış bentonitlerin yapısal durumlarının ve katalitik özelliklerinin incelenmesi

Doctoral Thesis/Proficiency Study/Medical Specialization Thesis Title (abstract attached) and Supervisor(s):

Farmasötik ve tarımsal ilaç analizleri için karbon temelli modifiye elektrotların geliştirilmesi

Position Title	Workplace	Year
Associate Professor	Afyonkarahisar Health Sciences University	2021-Continues
Assistant Professor	Afyonkarahisar Health Sciences University	2019-2021
Assistant Professor	İstanbul Kent University	2017-2019
Lecturer	Okan University	2013-2017

Supervised Master's Theses:

1. Kahve çekirdeği kavurma derecelerinin Türk kahvesi, filtre kahve ve espressodaki antioksidan kapasitesine etkisinin elektrokimyasal yöntemle belirlenmesi ve gastronomik açıdan değerlendirilmesi (2022)

Supervised Doctoral Theses/Proficiency Studies in Arts:

1. Çevre örneklerinde sık rastlanılan bazı antibiyotiklerin elektrokimyasal nanosensörlerle tayini (2024)

Roles in Projects:

Ultrasonik Kimyasal Püskürtme Tekniği ile Elde Edilen CeO₂ İnce Filmlerine Tavlama Sıcaklığının Etkisi (2025 - Continues)

Elbasvir İlaç Etken Maddesinin Tayini İçin Yeni Nesil Nanosensör Geliştirilmesi (2024 - Continues)

Griseofulvin ilaç etken maddesinin tayini için yeni nesil nanosensör geliştirilmesi (2023 - 2025)

Nepafenak İlaç Etken Maddesinin Tayini için Moleküler Baskılanmış Polimer Esaslı Nanosensörlerin Geliştirilmesi ve Analitik Uygulaması (2022 - 2024)

Pestisit Analiz Kiti Seti Modülü İçin Farklı Pestisitleri Eş Zamanlı Ölçebilen Yenilikçi Sensör Tasarımı (2022 - 2024)

Rifaksimın Tayini İçin Sensör Geliştirilmesi ve Analitik Uygulaması (2022 - 2024)

Nepafenak İlaç Etken Maddesinin Tayini için Sensör Geliştirilmesi ve Analitik Uygulaması (2022 - 2024)
Pirfenidon ilaç etken maddesinin elektrokimyasal davranışlarının incelenmesi için polimer bazlı nanosensörler geliştirilmesi (2022 - 2024)
Pirfenidon İlaç Etken Maddesinin Elektrokimyasal Davranışının İncelenmesi ve Doğal Örneklerde Analitik Uygulaması (2022 - 2023)
Rifaximin Tayini İçin Polimer Bazlı Nanosensörlerin Geliştirilmesi (2022 - Continues)
Sağlık Bilimleri Alanında Uygulamalı ve Teorik Araştırma Projeleri Hazırlama Eğitimi (2022 - 2022)
Onosma rascheyana: Çözücü özütlerinin elektrokimyasal olarak antioksidan, in vitro enzim inhibisyon kapasitelerinin ve polifenolik kompozisyonlarının araştırılması (2021 - 2022)
Adonis flammea bitkisi metanol özütlerinin elektrokimyasal olarak antioksidan kapasitelerinin, enzim inhibitör aktivitelerinin ve fitokimyasal kompozisyonlarının belirlenmesi (2021 - 2022)
Bupivakain ilaç etken maddesinin voltammetrik tekniklerle elektrokimyasal özelliklerinin incelenmesi ve ticari formülasyonlarında analitik uygulaması (2019 - 2021)
Rafoxanide ilaç etken maddesinin tayini için nanopartikül bazlı yeni nesil sensörler geliştirilmesi ve farmasötik dozajlarda analitik uygulaması (2020 - 2021)
Demir (III) Ftalosiyani ile Modifiye Edilmiş Karbon Pasta Elektrotların Geliştirilmesi, Karakterizasyonu ve Fluometuron Zirai İlaç Tayini İçin Elektrokimyasal Sensör Uygulaması (2018 - 2021)
Kare Dalga ve Dönüşümlü Voltammetri Teknikleriyle Modifiye Karbon Nanotüp Pasta Elektrotları Üzerinde Tadalafil İlacının Elektrokimyasal Özelliklerinin İncelenmesi Farmasötik Numunelere Uygulanması (2013 - 2015)
Elektromanyetik Kirlilik ve Korunma Yolları (2013 - 2014)
Erzincan yöresindeki doğal su kaynaklarının su kalitesinin incelenmesi (2011 - 2012)

Administrative Duties:

Institute Executive Board Member - Afyonkarahisar Health Sciences University (2024 - Continues)
Faculty Board Member - Afyonkarahisar Health Sciences University (2022 - 2024)
Faculty Executive Board Member - Afyonkarahisar Health Sciences University (2021 - 2024)
Member of the Higher Education Quality Board - Afyonkarahisar Health Sciences University (2020 - Continues)
Vice Dean - Afyonkarahisar Health Sciences University (2019 - 2020)
Head of Main Science/Science Department - Afyonkarahisar Health Sciences University (2019 - 2019)
Other Academic Position - İstanbul Kent University (2014 - 2015)
Other Academic Position - Okan University (2013 - 2016)

Awards:

Özel Yayın Teşvik Ödülü (2016)

Undergraduate and graduate level courses taught in the last two years (If offered, summer courses will also be added to the table):

Academic Year	Semester	Course Name	Weekly Hours		Number of Students
			Theoretical	Practical	
2024	Spring	Ölçüm Belirsizliği ve Validasyon			
2024	Fall	Ölçüm Belirsizliği ve Validasyon			

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

- A1. "Construction of a Disposable Modified Pencil Graphite Electrode for Sensitive, Simple, Cost-Effective and First Voltammetric Determination of Hymexazole Fungicide", ChemistrySelect, 2025.
- A2. ", A Cost-Effective, Sensitive and Disposable Modified Pencil Graphite Electrode Decorated with Layers of AgNPs and poly(L-Cysteine) for the Detection of Pyrimethanil Fungicide", International Journal of Environmental Analytical Chemistry, 2025.
- A3. "Development of a New Generation MWCNT/TiO₂/TiO₂-Based Voltammetric Sensors for the Detection of Daptomycin in Soil and Different Water Samples", ChemElectroChem, 2025.

- A4. "Developed and characterization of a novel Cd doped CeO₂ nanofilm and application of methyl orange removed by photodegradation", Indian Journal of Physics, 2025.
- A5. "Novel Polymer Supported Phthalocyanine Nanosensors and Analytical Application", Topics in Catalysis, 2025.
- A6. "The Development and Analytical Applications of Polymer-Based and Carbon-Based Sensors for the Determination of Nepafenac", Topics in Catalysis, 2025.
- A7. "Enantiomeric separation of flavanone on Chiralpak® IA column and determination of the chiral mechanism", Biomedical Chromatography, 2024.
- A8. "Electrochemical strategies for determination of tert-butyl hydroquinone (TBHQ) in food samples", Journal of Food Measurement and Characterization, 2024.
- A9. "Sensitive and selective electrochemical characterization and analytical determination of linezolid in environmental samples using TiO₂ nanoparticles and MWCNT-COOH modified glassy carbon electrode", Microchemical Journal, 2024.
- A10. "Enantiomeric separation of thiourea derivatives of naringenin on amylose and cellulose polymeric chromatographic chiral columns", Chirality, 2024.
- A11. "Environmental remediation of the norfloxacin in water by adsorption: Advances, current status and prospects", Advances in Colloid and Interface Science, 2024.
- A12. "A new strategy for the determination of dinobuton fungicide by square wave stripping voltammetry on the multi-walled carbon nanotube electrode", Materials Research Express, 2024.
- A13. "An Electrochemical Strategy for Detection of Trace-Level Binapacryl Using Square-Wave Cathodic Stripping Voltammetry", ChemistrySelect, 2024.
- A14. "Nano solid phase micro membrane tip and electrochemical methods for vanillin analysis in chocolate samples", Elsevier BV, 2023.
- A15. "*Heliotropium bacciferum* essential oil extraction: Compositions determination by GC-MS and anti-inflammatory and antibacterial activities evaluation", Elsevier BV, 2023.
- A16. "Electrochemical Sensor Design Based on Silver Nanoparticles Modified Multiwalled Carbon Nanotubes Paste Electrode for the Sensitive Determination of Mepivacaine", Bentham Science Publishers Ltd., 2023.
- A17. "Use of electrochemical techniques for determining the effect of brewing techniques (espresso, Turkish and filter coffee) and roasting levels on total antioxidant capacity of coffee beverage", Wiley, 2022.
- A18. "Advancement in electrochemical strategies for quantification of Brown HT and Carmoisine (Acid Red 14) From Azo Dyestuff class", Food and Chemical Toxicology, 2022.
- A19. "Recent advantages in electrochemical monitoring for the analysis of amaranth and carminic acid as food color", Elsevier BV, 2022.
- A20. "Draba cernua (Karaer): Phytochemical composition, antioxidant and enzyme inhibitory activity", Elsevier BV, 2022.
- A21. "Phthalocyanine Modified Electrodes in Electrochemical Analysis", Critical Reviews in Analytical Chemistry, 2022.
- A22. "Investigation of temperature-dependent electrical parameters in a Schottky barrier diode with multi-walled carbon nanotube (MWCNT) interface", Elsevier BV, 2022.
- A23. "Modified indium tin oxide electrodes: Electrochemical applications in pharmaceutical, biological, environmental and food analysis", TRAC-TRENDS IN ANALYTICAL CHEMISTRY, 2021.
- A24. "Development and characterization of iron (III) phthalocyanine modified carbon nanotube paste electrodes and application for determination of fluometuron herbicide as an electrochemical sensor", Journal of Electroanalytical Chemistry, 2021.
- A25. "Studies of mechanism, kinetic model and determination of bupivacaine and its application pharmaceutical forms", Microchemical Journal, 2020.
- A26. "Development of a New Analytical Method for Determination of Veterinary Drug Oxytetracycline by Electrochemical Sensor and Its Application to Pharmaceutical Formulation", Chemosensors, 2020.
- A27. "Square wave voltammetric determination of pencycuron fungicide and application to commercial formulation", Journal of Food Measurement and Characterization, 2020.
- A28. "Voltammetric Pathways for the Analysis of Ophthalmic Drugs", Current Pharmaceutical Analysis, 2020.
- A29. "Electrochemical Evaluation of the Total Antioxidant Capacity of Yam Food Samples on a Polyglycine-Glassy Carbon Modified Electrode", Current Analytical Chemistry, 2020.
- A30. "Electrochemical Evaluation of the Total Antioxidant Capacity of Yam Food Samples on a Polyglycine-Glassy Carbon Modified Electrode", Current Analytical Chemistry, 2020.
- A31. "The effect of the structural, optical, and surface properties of anatase-TiO₂ film on photocatalytic degradation of methylene blue organic contaminant", IONICS, 2019.
- A32. "A Simple and Sensitive Square Wave Stripping Pathway for the Analysis of Desmedipham Herbicide by Modified Carbon Paste Electrode Based on Hematite (α -Fe₂O₃ Nanoparticles)", ELECTROANALYSIS, 2019.
- A33. "A Simple and Sensitive Square Wave Stripping Pathway for the Analysis of Desmedipham Herbicide by Modified Carbon Paste Electrode Based on Hematite (α -Fe₂O₃ Nanoparticles)", ELECTROANALYSIS, 2019.

- A34. "VOLTAMMETRIC DETERMINATION OF VARDENAFIL ON MODIFIED ELECTRODES CONSTRUCTED BY GRAPHITE, METAL OXIDES AND FUNCTIONALIZED MULTI-WALLED CARBON NANOTUBES", *Revue Roumaine de Chimie*, 2019.
- A35. "A novel potentiometric pH electrode based on sulfated natural Fe₃O₄ and analytical application in food samples", *Journal of Food Measurement and Characterization*, 2018.
- A36. "Voltammetric determination of phenmedipham herbicide using a multiwalled carbon nanotube paste electrode", *TURKISH JOURNAL OF CHEMISTRY*, 2018.
- A37. "Determination of Ophthalmic Drug Proparacaine Using Multi-walled Carbon Nanotube Paste Electrode by Square Wave Stripping Voltammetry", *Analytical Sciences*, 2018.
- A38. "Voltammetric Determination of Ophthalmic Drug Dexamethasone Using Poly-glycine Multi Walled Carbon Nanotubes Modified Paste Electrode", *Current Analytical Chemistry*, 2018.
- A39. "A Novel all Solid-State Contact PVC-Membrane Beryllium-Selective Electrode Based on 4-Hydroxybenzo-15-Crown-5 Ether Ionophore", *Current Analytical Chemistry*, 2018.
- A40. "Square Wave Voltammetric Determination of Fomesafen Herbicide Using Modified Nanostructure Carbon Paste Electrode as a Sensor and Application to Food Samples", *Food Analytical Methods*, 2017.
- A41. "Voltammetric behavior of bupirimate fungicide and its square wave voltammetric determination", *Ionics*, 2016.
- A42. "Characterization of AlFe-pillared Unye bentonite: A study of the surface acidity and catalytic property", *Journal of Molecular Structure*, 2015.
- A43. "Fesup³/sup - Ion Selective Electrode Developed as a Detector in Flow Injection Analysis", *Current Analytical Chemistry*, 2015.
- A44. "A Novel Iron(III)-Selective Membrane Potentiometric Sensor Based on 5-Chloro-3-[4-(trifluoromethoxy) phenylimino] Indolin-2-one", *Current Analytical Chemistry*, 2015.
- A45. "Electrochemical behavior of tadalafil on TiO₂ nanoparticles-MWCNT composite paste electrode and its determination in pharmaceutical dosage forms and human serum samples using adsorptive stripping square wave voltammetry", *Journal of Solid State Electrochemistry*, 2014.
- A46. "Electrochemical behaviour and determination of rimsulfuron herbicide by square wave voltammetry", *International Journal of Environmental Analytical Chemistry*, 2014.
- A47. "Electro-Oxidation and Determination of Benomyl by Square-Wave Adsorptive Stripping Voltammetry", *Journal of AOAC INTERNATIONAL*, 2014.
- A48. "Electrooxidation and determination of methacetin (p-acetanisidide) by square wave voltammetry using multiwalled carbon nanotube electrode", *Analytical Methods*, 2013.

B. Papers presented at international scientific meetings and published in proceedings:

- B1. "Determination of caffeic acid levels in coffee samples by electrochemical methods", 2nd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2020), 2025.
- B2. "Investigation of Electrochemical Behavior of Binapacryl Fungicide by Square Wave Stripping Voltammetry", 3rd International Eurasian Conference on Science, Engineering and Technology, 2025.
- B3. "Electrochemical Analysis of Dinobuton Pesticide by Square Wave Stripping Voltammetry", International Congress on Multidisciplinary Natural Sciences and Engineering (ICOMNAS-2021), 2025.
- B4. "Development of Polymer-Based Nanosensor for the Electrochemical Determination of Vanillin and Its Analytical Application", 9. International GAP Summit Scientific Research Congress, 2025.
- B5. "Determination of total antioxidant capacity in commercially cold teas by electrochemical pathway", 2nd International Eurasian Conference on Science, Engineering and Technology, 2025.
- B6. "Selective, and sensitive voltammetric detection of antibacterial drug linezolid using designing and fabrication of electrochemical nanosensor TiO₂ nanoparticles and MWCNTCOOH modified glassy carbon electrode in environmental samples", 33rd International Symposium on Pharmaceutical and Biomedical Analysis, 2025.
- B7. "Rifaksimim Tayini için Elektrokimyasal Nanosensör Geliştirilmesi", Marmara Üniversitesi Eczacılık Fakültesi Ulusal Eczacılık Kongresi (MÜEFKON'25), 2025.
- B8. "Development of A New Method For The Electrochemical Determination of Some Pesticides In Anilino Pyrimidine Group", 7th International Eurasian Conference on Biological and Chemical Sciences, 2024.
- B9. "Modification of Disposable Pencil Graphite Electrodes and Their Use in Voltammetric Determination of Some Drugs and Pesticides", 7th International Eurasian Conference on Biological and Chemical Sciences, 2024.
- B10. "Development Of A Carbon-Based Sensor Using Voltammetry Techniques For The Determination Of Daptomycin And Application In Different Environmental Samples", *Biosensor 2024*, 2024.
- B11. "Investigation Of The Electrochemical Behavior Of The Drug Active Ingredient Pirfenidone And Its Analytical Application In Different Samples", 3. International Uludağ Scientific Research Congress, 2024.

- B12. "Sensor Development And Analytical Application For The Determination Of Nepafenac", 3.International Uludağ Scientific Research Congress, 2024.
- B13. "Selective, and sensitive voltammetric detection of antibacterial drug linezolid using designing and fabrication of electrochemical nanosensor TiO₂ nanoparticles and MWCNT-COOH modified glassy carbon electrode in environmental samples", PBA 2023 33rd International Symposium on Pharmaceutical and Biomedical Analysis, 2023.
- B14. "Investigation of the Electrochemical Behavior of Rifaximin by Modified Electrode", 3rd International Conference on Food, Agriculture and Veterinary, 2021.
- B15. "Analysis of Fluometuron Herbicide in Natural Samples by Differential Pulse Voltammetry on Nanocomposite Electrode", 3rd International Conference on Physical Chemistry & Functional Materials,, 2020.
- B16. "Electrochemical analysis of fluometron by modified electrode based on iron (II) phthalocyanine", 3rd International Eurasian Conference on Biological and Chemical Sciences, 2020.
- B17. "The electrochemical behaviour and determination of bupivacaine ophthalmic drug by square wave voltammetry on glassy carbon electrode", 8. International Drug Chemistry Conference, 2020.
- B18. "Voltammetric pathway for the analysis of desmedipham herbicide on modified hematite (α -Fe₂O₃ nanoparticles) carbon paste electrode", 2nd International Eurasian Conference on Biological and Chemical Sciences,, 2019.
- B19. "Oksiklozanidin voltammetrik yöntemlerle elektrokimyasal özelliklerin incelenmesi ve analitik uygulaması", 2nd International Eurasian Conference on Biological and Chemical Sciences, 2019.
- B20. "Investigation and Determination of Pencycuron Fungicide by Square Wave Voltammetry", 1st International Congress on Analytical and Bioanalytical Chemistry, Firat University,, 2019.
- B21. "Electroanalytical Determination of Clinically Classified Ophthalmic Drugs", 1st International Congress on Analytical and Bioanalytical Chemistry, 2019.
- B22. "Voltammetric Determination of Phenmedipham Herbicide with Multi Walled Carbon Nanotube Paste Electrode", International Trace Analysis Congress (iTAC), 2018.
- B23. "Voltammetric Determination Of Ophthalmic Drug Proparacaine Using Multi Walled Carbon Nanotube Paste Electrode", 12th International Symposium on Pharmaceutical Sciences (ISOPS), 2018.
- B24. "Voltammetric Determination of the Total Antioxidant Capacity of YAM Food Sample by Polyglycine-Glassy Carbon Modified Electrode", 2nd International Conference on Agriculture, Forest, Food Sciences and Technologies (ICAFOF), 2018.
- B25. "Modified Electrode Design for Sensitive Detection of Vardenafil from Pharmaceutical Dosage Forms", 7th Szeged International Workshop on Advances in Nanoscience (SIWAN7), 2016.
- B26. "Electro-oxidation behavior of dexamethasone on the modified-multi walled carbon nanotube electrode and its application to biological samples", International Eurasia Pharmacy Congress, 2015.
- B27. "Determination of methacetin (N-(4-methoxyphenyl) acetamide) by square wave voltammetry using multiwalled carbon nanotube electrode", 6th Black Sea Basin Conference on Analytical Chemistry (6BBCAC), 2013.
- B28. "Determination of rimsulfuron by square wave voltammetry using static mercury drop electrode", 6th Black Sea Basin Conference on Analytical Chemistry (6BBCAC), 2013.
- B29. "Electrochemical behavior of tadalafil on the TiO₂ modified carbon nanotube electrode and its application to pharmaceutical drugs", 44th World Chemistry Congress, 2013.
- B30. "Fe III ion selective electrode developed as a detector in flow injection analysis for the determination of Fe III ions in several sample matrices", 9th International Electrochemistry Meeting in Turkey, 2011.
- B31. "Iron III selective membrane potentiometric sensor based on 5-chloro-3,4-trifluoromethoxy-phenylimino-indolin-2-one", 8th International Electrochemistry Meeting in Turkey, 2009.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

- C2.1. "Advances in Electrochemical Sensor Applications Using Nano-structured Materials", Royal society of chemistry, 2025.
- C2.2. "Handbook of Carbon Sensors", CRC Press, 2025.
- C2.3. "Handbook of Carbon Sensors", CRC Press, 2025.
- C2.4. "Phytochemicals for Health", Elsevier, 2025.
- C2.5. "Real-Time Applications of Advanced Electrochemical Sensing Devices", Institute of Physics Publishing, 2024.
- C2.6. "Graphene-Based Sensors", IOP Publishing Ltd, 2023.
- C2.7. "Novel Nanostructured Materials for Electrochemical Bio-sensing Applications", Elsevier, 2023.
- C2.8. "Novel Nanostructured Materials for Electrochemical Bio-sensing Applications", Elsevier, 2023.
- C2.9. "Sadeleştirilmiş Anlatımıyla Temel Üniversite Kimyası", Akademisyen Yayınevi, 2023.
- C2.10. "Electrochemical Sensors Based on Carbon Composite Materials", IOP Science, 2022.

- C2.11. "Carbon Nanomaterials-Based Sensors Emerging Research Trends in Devices and Applications", Elsevier, 2022.
- C2.12. "Citrus", IntechOpen, 2021.
- C2.13. "Analitik Kimya", Palme Yayınevi, 2021.
- C2.14. "Medicine & Health", Efe Akademi Yayıncılık, 2021.
- C2.15. "Advances in Health and Disease", Nova Science Publishers, 2020.

D. Articles published in national peer-reviewed journals:

- D1. "Phytochemistry and biological activity of *Onosma rascheyana* extracts (Boiss.)", International Journal of Plant Based Pharmaceuticals (IJPBP), 2022.
- D2. "Voltammetric and spectrophotometric pathways for the determination of total antioxidant capacity in commercial turnip juice", Journal of the Turkish Chemical Society Section A: Chemistry, 2021.
- D3. "Türk ve Filtre Kahve Örneklerindeki Toplam Antioksidan Kapasitelerin Elektrokimyasal Yöntemlerle Belirlenmesi", Bilecik Şeyh Edebali Üniversitesi Fen Bilimleri Dergisi, 2020.
- D4. "Sensitive and Selective Pathway of Total Antioxidant Capacity in Commercially Lemon, Watermelon and Mango-pineapple Cold Teas by Square Wave Adsorptive Stripping Voltammetry", GAZI UNIVERSITY JOURNAL OF SCIENCE, 2019.

E. Papers presented at national scientific meetings and published in proceedings:

- E1. "Oftalmik İlaç Fenilefrin Hidroklorür Göz Damlasının Elektrokimyasal Davranışının Kare Dalga Sıyırma Voltametik (SWSV) Yöntemiyle Araştırılması", 32. Ulusal Biyofizik Kongresi, 2025.
- E2. "Griseofulvin Tayini için Yeni Nesil Nanosensör Geliştirilmesi", Marmara Üniversitesi Eczacılık Fakültesi Ulusal Eczacılık Kongresi (MÜEFKON'25), 2025.
- E3. "Ftolasyonlarla Modifiye Elektrot Geliştirilmesi", I. Ulusal Elektrokimya ve Biyosensör Uygulamaları Çalıştayı, 2025.
- E4. "Ultrasonik Kimyasal Püskürtme Tekniği İle Üretilen TiO₂ Filmlerinin Isıl İşlem Sonrası Fotokatalitik Özelliğinin İncelenmesi", 6. Fiziksel Kimya Kongresi, 2017.
- E5. "Poliglisin Camsı Karbon Modifiye Elektrot Kullanılarak Kuersetinin Diferansiyel Puls Sıyırma Voltametriyle Tayini", 6. Fiziksel Kimya Kongresi, 2017.
- E6. "Vardenafil'in Farmasötik Dozaj Şekillerinden Duyarlı Tayini için Modifiye Elektrot Tasarımı", 8. Ulusal Analitik Kimya Kongresi, 2016.
- E7. "Fomesafen Herbisitinin Karbon Nanotüp Pasta Elektrot Kullanılarak Kare Dalga Voltametri İle Tayini", IV. Eser Analiz Çalıştayı, 2016.
- E8. "Fe(III) İyon Seçici Elektrotların Geliştirilmesi ve Uygulamalarına Genel Bakış", 27. Ulusal Kimya Kongresi, 2015.
- E9. "Hidrojen İyon Seçici Elektrotların Geliştirilmesi ve Analitik Uygulaması", 27. Ulusal Kimya Kongresi, 2015.
- E10. "Potansiyometrik Yöntemlerle Fe₂ Varlığında Direk Fe₃ Ölçümü", 7. Ulusal Analitik Kimya Kongresi, 2014.
- E11. "TiO₂ Nanopartiküller ile Modifiye Elektrotlar Geliştirilmesi ve Analitik Uygulaması", III. Ulusal Uygulamalı Elektrokimya Lisansüstü Yaz Okulu ve Çalıştayı, 2014.
- E12. "Asılı Cıva Damla Elektrot ile Bupirimat Fungusidin Elektrokimyasal Davranışının İncelenmesi ve Yöntemin Gıda Numunelerine Uygulanması", III. Eser Analiz Çalıştayı, 2014.
- E13. "Fe Al sütunlanmış bentonitin yapısal özellikleri ve katalitik etkisi", III. Fiziksel Kimya Günleri, 2012.
- E14. "Yeni katı hal kontakt PVC membran Be₂ seçici elektrot ve uygulamaları", I. Eser Analiz Çalıştayı, 2010.