

## Doç. Dr. Emine Gülhan BAKIRDERE

### Kişisel Bilgiler

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Yoksis Araştırmacı ID: 178856

### Eğitim Bilgileri

Doktora, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2003 - 2008

Yüksek Lisans, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, Türkiye 2000 - 2003

### Yaptığı Tezler

Doktora, Co(II), Ni(II), Cu(II) ve Zn(II) metallerinin N<sub>2</sub>O<sub>2</sub> tipi Schiff bazları ile oluşturdukları komplekslerin sentezi ve karakterizasyonu, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 2008

Yüksek Lisans, Yeni vic-Dioksimlerin Sentezi ve Karakterizasyonu ve Bazı Geçiş Metal Komplekslerinin İncelenmesi, Fırat Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 2003

### Araştırma Alanları

Kimya, Temel Bilimler

### Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Yıldız Teknik Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi Bölümü, 2012 - Devam Ediyor

Araştırma Görevlisi, Fırat Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2001 - 2004

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Trace Determination of Cadmium in Water Matrix by Matrix Matching Calibration Strategy-Based UV-Vis Spectrophotometer After Its Preconcentration**  
Yağmuroğlu O., BAKIRDERE E. G., BAKIRDERE S.  
Water, Air, and Soil Pollution, cilt.235, sa.3, 2024 (SCI-Expanded)
- Determination of Palladium in Precious Metal Waste by Sieve Conducted Two Syringes Pressurized Liquid Phase Microextraction (SCTS-PLPME) and Slotted Quartz Tube Flame Atomic Absorption Spectrometry (SQT-FAAS)**  
Unutkan Gösterişli T., Cesur B., Tezgit E., Bakırdere E. G., Keyf S., Bakırdere S.

ANALYTICAL LETTERS, cilt.55, sa.2, ss.175-185, 2022 (SCI-Expanded)

- III. **Determination of Trace Nickel after Complexation with a Schiff Base by Switchable Solvent - Liquid Phase Microextraction (SS-LPME) and Flame Atomic Absorption Spectrometry (FAAS)**  
Kartoglu B., Tezgit E., Yigit A., Zaman B. T., BAKIRDERE E. G., BAKIRDERE S.  
ANALYTICAL LETTERS, cilt.55, sa.7, ss.1017-1026, 2022 (SCI-Expanded)
- IV. **A basic and effective liquid phase microextraction with a novel automated mixing system for the determination of cobalt in quince samples by flame atomic absorption spectrometry**  
Gösterişli T., Zaman B. T., Bakirdere E. G., Keyf S., Bakirdere S.  
Food Chemistry, cilt.361, 2021 (SCI-Expanded)
- V. **Accurate and sensitive analytical method for trace iron determination in clove tea and tap water samples by slotted quartz tube-flame atomic absorption spectrometry after its preconcentration with supramolecular solvent-based liquid-phase microextraction**  
Yildirmaz B. B., Gölcü A., Zaman B. T., Kasa N. A., BAKIRDERE E. G., BAKIRDERE S.  
CHEMICAL PAPERS, cilt.75, sa.8, ss.4157-4164, 2021 (SCI-Expanded)
- VI. **Cloud point extraction-slotted quartz tube with four-exit holes-flame atomic absorption spectrometry combination for the determination of cobalt at trace levels in fennel tea samples after complexation with a Schiff base ligand**  
ozcan R., Kasa N. A., BAKIRDERE E. G., BAKIRDERE S.  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, cilt.15, sa.4, ss.2943-2950, 2021 (SCI-Expanded)
- VII. **Quantification of palladium in wastewater samples by matrix-matching calibration strategy assisted deep eutectic solvent based microextraction**  
Koçoğlu E. S., Yılmaz Ö., Bakirdere E. G., Bakirdere S.  
Environmental Monitoring and Assessment, cilt.193, sa.6, 2021 (SCI-Expanded)
- VIII. **Determination of Iron in Licorice Samples by Slotted Quartz Tube Flame Atomic Absorption Spectrometry (FAAS) with Matrix Matching Calibration Strategy after Complexation with Schiff Base Ligand-Based Dispersive Liquid-Liquid Microextraction**  
Kasa N. A., BAKIRDERE E. G.  
ANALYTICAL LETTERS, cilt.54, sa.8, ss.1284-1294, 2021 (SCI-Expanded)
- IX. **Determination of Manganese in Coffee and Wastewater Using Deep Eutectic Solvent Based Extraction and Flame Atomic Absorption Spectrometry**  
Tisli B., Gosterisli T., Zaman B. T., BAKIRDERE E. G., BAKIRDERE S.  
Analytical Letters, cilt.54, sa.6, ss.979-989, 2021 (SCI-Expanded)
- X. **An accurate and sensitive effervescence-assisted liquid phase microextraction method for the determination of cobalt after a Schiff base complexation by slotted quartz tube-flame atomic absorption spectrophotometry in urine samples**  
Borahan T., Zaman B. T., Polat B. S. A., BAKIRDERE E. G., BAKIRDERE S.  
ANALYTICAL METHODS, cilt.13, sa.5, ss.703-711, 2021 (SCI-Expanded)
- XI. **A new microextraction method for trace nickel determination in green tea samples: Solventless dispersion based dispersive liquid-liquid microextraction combined with slotted quartz tube- flame atomic absorption spectrophotometry**  
Erulaş A. F., Şaylan M., Topal S., Zaman B. T., BAKIRDERE E. G., BAKIRDERE S.  
Journal of Food Composition and Analysis, cilt.94, 2020 (SCI-Expanded)
- XII. **Determination of Copper in Quince Samples with a Matrix Matching Strategy Using Vortex Assisted Deep Eutectic Solvent-Based Emulsification Liquid Phase Microextraction–Slotted Quartz Tube–Flame Atomic Absorption Spectrometry**  
Borahan T., UNUTKAN T., Zaman B. T., BAKIRDERE E. G., BAKIRDERE S.  
Analytical Letters, cilt.53, sa.17, ss.2748-2760, 2020 (SCI-Expanded)
- XIII. **Simple and Green Vortex-Assisted Switchable Solvent Liquid Phase Microextraction for the Determination of Indium in Soil with Matrix Matching and Slotted Quartz Tube (SQT)–Flame Atomic Absorption Spectrometry (FAAS)**  
Turan N. B., Zaman B. T., BAKIRDERE E. G., Kartoglu B., BAKIRDERE S.

Analytical Letters, cilt.54, ss.1627-1638, 2020 (SCI-Expanded)

- XIV. **Determination of trace manganese in soil samples by using eco-friendly switchable solvent based liquid phase microextraction-3 holes cut slotted quartz tube-flame atomic absorption spectrometry**  
Zaman B. T., Bakaraki Turan N., BAKIRDERE E. G., Topal S., Sağsöz O., BAKIRDERE S.  
Microchemical Journal, cilt.157, 2020 (SCI-Expanded)
- XV. **A Simultaneous Dispersive Liquid-Liquid Microextraction-complexation Method to Determine Trace Cobalt in Chamomile Tea Extract Prior to Slotted Quartz Tube Flame Atomic Absorption Spectrometry**  
BAKIRDERE E. G., Akarcay N. A., Zaman B. T., BAKIRDERE S.  
CHEMISTRY LETTERS, cilt.49, sa.8, ss.991-994, 2020 (SCI-Expanded)
- XVI. **A green, accurate and sensitive analytical method based on vortex assisted deep eutectic solvent-liquid phase microextraction for the determination of cobalt by slotted quartz tube flame atomic absorption spectrometry**  
Tekin Z., Unutkan T., Erulaş F., Bakırdere E. G., Bakırdere S.  
FOOD CHEMISTRY, cilt.310, 2020 (SCI-Expanded)
- XVII. **In Vitro Cytotoxicity Studies on Human Thyroid Gland Undifferentiated Carcinoma Cells Using the Nickel Complex of (Z)-3-Bromo-5-((p-tolylimino)methyl)phenol**  
Bakırdere E. G.  
Biological Trace Element Research, cilt.192, sa.2, ss.153-159, 2019 (SCI-Expanded)
- XVIII. **Sensitive and accurate determination of copper in blood and urine samples by vortex-assisted dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry after complexation with a novel schiff-base ligand**  
BAKIRDERE E. G., Maltepe E.  
Atomic Spectroscopy, cilt.40, sa.4, ss.139-144, 2019 (SCI-Expanded)
- XIX. **Simultaneous determination of selected herbicides in dam lake, river and well water samples by gas chromatography mass spectrometry after vortex assisted binary solvent liquid phase microextraction**  
Bodur S., BAKIRDERE E. G.  
Microchemical Journal, cilt.145, ss.168-172, 2019 (SCI-Expanded)
- XX. **An accurate and sensitive analytical strategy for the determination of palladium in aqueous samples: slotted quartz tube flame atomic absorption spectrometry with switchable liquid-liquid microextraction after preconcentration using a Schiff base ligand**  
Fırat M., BAKIRDERE E. G.  
Environmental Monitoring and Assessment, cilt.191, sa.3, 2019 (SCI-Expanded)
- XXI. **Trace determination of nickel in water samples by slotted quartz tube-flame atomic absorption spectrometry after dispersive assisted simultaneous complexation and extraction strategy**  
Özzybek G., Alacakoç B., Kocabas M. Y., BAKIRDERE E. G., Chormey D. S., BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.190, sa.9, 2018 (SCI-Expanded)
- XXII. **Development of an efficient and sensitive analytical method for the determination of copper at trace levels by slotted quartz tube atomic absorption spectrometry after vortex-assisted dispersive liquid-liquid microextraction in biota and water samples using a novel ligand**  
Zaman B. T., Bakırdere E. G., Kasa N. A., Deniz S., Sel S., Chormey D. S., Bakırdere S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.190, 2018 (SCI-Expanded)
- XXIII. **Trace determination of cobalt in biological fluids based on preconcentration with a new competitive ligand using dispersive liquid-liquid microextraction combined with slotted quartz tube-flame atomic absorption spectrophotometry**  
Er E., BAKIRDERE E. G., UNUTKAN T., BAKIRDERE S.  
JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, cilt.49, ss.13-18, 2018 (SCI-Expanded)
- XXIV. **Synthesis of antibacterial and antifungal activity of metal (II) complexes with schiff base derived from 3-methoxy-5-bromosalicylaldehyde**  
Bakırdere E. G., Canpolat E., Kaya M.

- Journal of the Chemical Society of Pakistan, cilt.35, ss.1337-1342, 2013 (SCI-Expanded)
- XXV. **Aflatoxin species: Their health effects and determination methods in different foodstuffs**  
BAKIRDERE S., Bora S., BAKIRDERE E. G., Aydın F., Arslan Y., Komesli O., Aydın I., Yildirim E.  
Central European Journal of Chemistry, cilt.10, sa.3, ss.675-685, 2012 (SCI-Expanded)
- XXVI. **From mg/kg to pg/kg levels: A story of trace element determination: A review**  
Bakirdere S., Aydın F., Bakirdere E. G., Titretir S., Akdeniz I., Aydın I., YILDIRIM E., Arslan Y.  
Applied Spectroscopy Reviews, cilt.46, sa.1, ss.38-66, 2011 (SCI-Expanded)
- XXVII. **Hazardous metal geochemistry of sedimentary phosphate rock used for fertilizer (Mazidag, SE Anatolia, Turkey)**  
Aydın I., Aydın F., Saydut A., Bakirdere E. G., Hamamcı C.  
MICROCHEMICAL JOURNAL, cilt.96, sa.2, ss.247-251, 2010 (SCI-Expanded)
- XXVIII. **Synthesis and Characterization of Mononuclear Cadmium(II) and Dinuclear Uranyl(VI) Complexes with Vic-dioximes**  
Canpolat E., Kaya M., Bakirdere E. G.  
Transition Metal Chemistry, cilt.30, sa.4, ss.503-507, 2005 (SCI-Expanded)
- XXIX. **Synthesis of New Glyoxime Derivatives, Characterization and Investigation of Their Complexes with Co(II), Ni(II) and Cu(II) Metals and Thermal Studies**  
Bakirdere E. G., Canpolat E., Kaya M.  
Russian Journal Of Coordination Chemistry, cilt.31, sa.7, ss.506-510, 2004 (SCI-Expanded)

## Diğer Dergilerde Yayınlanan Makaleler

- I. **Simultaneous determination of alachlor, bifenox and nitrofen as herbicides in lake, municipal wastewater and soil samples by gas chromatography mass spectrometry**  
Bakirdere E. G.  
Avrupa Bilim ve Teknoloji Dergisi, sa.13, ss.108-111, 2018 (Hakemli Dergi)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Öğretmen Adaylarının Yenilenebilir Enerji Hakkındaki Farkındalıklarının Bilimsel Hikâyeler Yoluyla İncelenmesi**  
BEDİROĞLU R., ŞAHİN M., BAKIRDERE E. G.  
INCOHIS 2022, İstanbul, Türkiye, 25 - 26 Kasım 2022
- II. **Trace Cobalt Determination in Chamomile Tea Samples by an Effective and Novel Analytical Method by Using Simultaneous Dispersive Liquid Phase Microextraction-Slotted Quartz Tube –Flame Atomic Absorption Spectrophotometry**  
Bakirdere E. G., Akarçay N. A., Zaman B. T., Bakirdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.89
- III. **Determination of Palladium by Pressurized Liquid Phase Microextraction Using a Simple Two Syringe System - Flame Atomic Absorption Spectrophotometry**  
Cesur B., Tezgit E., Unutkan T., Bakirdere E. G., Bakirdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.134
- IV. **Cloud Point Extraction Method by using Novel Schiff Base Ligand for Cobalt Determination in Fennel Tea Samples Prior to Slotted Quartz Tube Flame Atomic Absorption Spectrophotometry System**  
Özcan R., Bakirdere E. G., Kasa N. A., Bakirdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.139

- V. **A New Analytical Method for Trace Nickel Determination: Spray Assisted Droplet Formation based Dispersive Liquid Phase Microextraction Combined with Slotted Quartz Tube - Flame Atomic Absorption Spectrophotometry**  
Erulaş F. A., Şaylan M., Topal S., Zaman B. T., Bakırdere E. G., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.170
- VI. **Determination of Trace Nickel by Switchable Solvent Based Liquid Phase Microextraction Flame Atomic Absorption Spectrometer System after Complexation with a proper Schiff Base**  
Kartoğlu B., Yiğit A., Tezgit E., Zaman B. T., Bakırdere E. G., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.133
- VII. **A Sensitive and Effective Analytical Method for Determination of Iron in Hair Samples by Slotted Quartz Tube - Flame Atomic Absorption Spectrometry after Preconcentration with Switchable Solvent Based Liquid Phase Microextraction Method**  
Atsever N., Borahan T., Bakırdere E. G., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.138
- VIII. **Determination of Cobalt by Pressurized Liquid Phase Microextraction using an Automated Simple Two Syringe System Combined with Slotted Quartz Tube Flame Atomic Absorption Spectrometry**  
Unutkan T., Zaman B. T., Bakırdere E. G., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.90
- IX. **Switchable Solvent Based Liquid Phase Microextraction: An Alternative Method for the Determination of Manganese in Water and Soil Samples**  
Zaman B. T., Bakaraki Turan N., Bakırdere E. G., Topal S., Sağsöz O., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.140
- X. **Demir Metalinin Yarıklı Kuvars Tüp (YKT) Eklentili Alevli Atomik Absorpsiyon Spektrofotometresinde (AAAS) Schiff Baz Kompleksleştirici Esaslı Dağıtıcı Sıvı-Sıvı Mikroekstraksiyon (DSSME) Sonrası Meyan Kökü Örneklerinde Eser Seviyelerde Tayini**  
Kasa N. A., Bakırdere E. G.  
31. Ulusal Kimya Kongresi, İstanbul, Türkiye, 10 - 13 Eylül 2019, ss.141
- XI. **Nikelin Kompleksleştirilmesi Sonrası Dağıtıcı Sıvı-Sıvı Mikroekstraksiyonu-Yarıklı Kuvars Tüp-Alevli Atomik Absorpsiyon Spektrofotometre Sisteminde Eser Seviyelerde Tayini**  
Zaman B. T., Bakırdere E. G.  
7. Uluslararası Katılımlı Anorganik Kimya Kongresi, Çorum, Türkiye, 15 Haziran 2019, ss.1
- XII. **Sensitive and Accurate Analytical Method for the Determination of Cobalt: Vortex Assisted Deep Eutectic Solvent-Liquid Phase Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry**  
Tekin Z., UNUTKAN T., Erulaş F. A., BAKIRDERE E. G., BAKIRDERE S.  
1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Türkiye, 27 Mart 2019, ss.161
- XIII. **A Simple and Green Switchable Solvent Based Microextraction Method by Using Novel Schiff Base Ligand for Iron Determination in Mineral Spring Waters Prior to Slotted Quartz Tube-Atomic Absorption Spectrophotometry**  
Kasa N. A., BAKIRDERE E. G., BAKIRDERE S.  
1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Türkiye, 27 Mart 2019, ss.159
- XIV. **An Accurate and Sensitive Analytical Method For The Determination of Palladium at Trace Levels by Dispersive Liquid-Liquid Microextraction Using the ligand of N,N- Dimethyl-4-[(1-Naphtylimino) Methyl]Aniline] Prior to Slotted Quartz Tube-Atomic Absorption Spectrometry**

- Kasa N. A., Bakırdere E. G., Bakırdere S.  
1st International Congress on Analytical and Bioanalytical Chemistry, Antalya, Türkiye, 28 - 30 Mart 2019, ss.180
- XV. **A novel extraction method for trace determination of nickel in water samples by slotted quartz tube-flame atomic absorption spectrometry after dispersive assisted simultaneous complexation and extraction strategy**  
Özzybek G., Alacakoç B., Kocabaş M. Y., BAKIRDERE E. G., Chormey D. S., BAKIRDERE S.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- XVI. **Development of a sensitive and accurate switchable liquid-liquid microextraction method for cobalt determination by slotted quartz tube flame atomic absorption spectrometry**  
Yazıcı E., Fırat M., Chormey D. S., BAKIRDERE E. G., BAKIRDERE S.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- XVII. **Development of an Accurate and Sensitive Binary Solvent- Liquid Phase Microextraction for the Determination of Nitrofen, Bifenox, Alachlor in Dam Lake Water, River Water and Well Water Samples by Gas Chromatography-Mass Spectrometry**  
Bodur S., Bakırdere E. G.  
11th Aegean Analytical Chemistry Days, 2018, Hania, Yunanistan, 25 - 29 Eylül 2018, ss.1
- XVIII. **Trace determination of nickel in water samples by slotted quartz tube-flame atomic absorption spectrometry after dispersive assisted simultaneous complexation and extraction strategy**  
Özzybek G., Alacakoç B., Kocabaş M. Y., Bakırdere E. G., Chormey D. S., Bakırdere S.  
11th Aegean Analytical Chemistry Days, Hania, Yunanistan, 25 - 29 Eylül 2018, ss.4
- XIX. **Development of a Sensitive and Accurate Switchable Liquid-Liquid Microextraction Method for Cobalt Determination by Slotted Quartz Tube Flame Atomic Absorption Spectrometry**  
Yazıcı E., Fırat M., Chormey D. S., Bakırdere E. G., Bakırdere S.  
Spectrometry”, 11th Aegean Analytical Chemistry Days, Hania, Yunanistan, 25 - 29 Eylül 2018, ss.2
- XX. **Determination of Palladium in Aqueous Samples by Slotted Quartz Tube-Flame Atomic Absorption Spectrophotometry after Preconcentration with Switchable Liquid-Liquid Microextraction**  
Fırat M., Bakırdere E. G.  
11th Aegean Analytical Chemistry Days, Hania, Yunanistan, 25 - 29 Eylül 2018, ss.3
- XXI. **Determination of Copper at Trace Levels in Mineral Water Samples by Slotted Quartz Tube Atomic Absorption Spectrometry after Dispersive Liquid-Liquid Microextraction**  
Zaman B. T., Kasa N. A., Deniz S., Sel S., Chormey D. S., BÜYÜKPINAR Ç., BAKIRDERE E. G., BAKIRDERE S.  
7th International IUPAC Conference on Green Chemistry, Moskova, Rusya, 02 Ekim 2017, ss.68
- XXII. **Threats in our food and beverages Gaining of food awareness**  
BAKIRDERE E. G., KARABIYIK B., GÜLTEKİN M., ARSLAN M.  
gfd, 9 - 11 Aralık 2015
- XXIII. **The Synthesis and Characterization and Antimicrobial Activity of a new 2-(E)-(4-Aminophenyl)IminoMethyl-6bromo-4-Chlorophenol and its Complexes with Co(II), Ni(II), Cu(II) and Zn(II) Metals**  
BAKIRDERE E. G., CANPOLAT E., ÖZTÜRK Ö. F., KAYA M.  
III. Ulusal Anorganik Kimya Kongresi, 121, P-93, Çanakkale, 01 Mayıs 2011
- XXIV. **1-((E)-(4-aminofenildimino)metil)naftalen Ligandının ve Metal Komplekslerinin Biyolojik Aktivite Yönlerinin İncelenmesi**  
BAKIRDERE E. G., CANPOLAT E., ÖZTÜRK Ö. F., KAYA M.  
III. Ulusal Anorganik Kimya Kongresi, 122, P-94, Çanakkale, 01 Mayıs 2011
- XXV. **2-((E)-(4-aminofenilimino)metil)-4-brom-6-metoksi Ligandının Co(II), Ni(II), Cu(II) ve Zn(II) Metalleri ile Oluşturduğu Komplekslerin Sentezi ve Karakterizasyonu**  
BAKIRDERE E. G., CANPOLAT E., KAYA M.  
XXIV. Ulusal Kimya Kongresi, IP-037, Zonguldak, 01 Haziran 2010
- XXVI. **Co(II), Ni(II), Cu(II) ve Zn(II) Metallerinin N O Tipi Schiff Bazı Ligandı ile Oluşturdukları Komplekslerin Sentezi ve Karakterizasyonu**  
BAKIRDERE E. G., CANPOLAT E., KAYA M.

- XXIV. Ulusal Kimya Kongresi, IP-036, Zonguldak, 01 Haziran 2010
- XXVII. **İki Yeni vic-Dioksim Ligandının Sentezi ve Kompleksleri**  
BAKIRDERE E. G., CANPOLAT E., KAYA M.  
XIX. Ulusal Kimya Kongresi, ANP-37, 271, 01 Eylül 2005
- XXVIII. **Yeni vic-Dioksimlerin Sentezi ve Karakterizasyonu ve Bazı Geçiş Metal Komplekslerinin İncelenmesi**  
BAKIRDERE E. G., CANPOLAT E., KAYA M.  
XVII. Ulusal Kimya Kongresi, 216, İstanbul, 01 Eylül 2003
- XXIX. **Dioksim Türevlerinin Sentezi ve Karakterizasyonu ve Bazı Geçiş Metal Kompleksleri**  
BAKIRDERE E. G., CANPOLAT E., KAYA M.  
XVII. Ulusal Kimya Kongresi, 215, İstanbul, 01 Eylül 2003

## **Desteklenen Projeler**

Görgülü Arı A., Bakırdere E. G., TÜBİTAK Projesi, Yiyeceklerimizde ve İçeceklerimizde Bizi Bekleyen Tehlikeler: Gıda Bilinci Kazandırma, 2012 - 2013  
BAKIRDERE E. G., TÜBİTAK Projesi, Linyitlerimizin sarsıntılı masa, MGS ve flatasyon yöntemi ile zenginleştirilmesi, temiz yakıt üretimi, TÜBİTAK 106 G 056 KAMAG PROJESİ,, 2006 - 2009  
BAKIRDERE E. G., Yeni vic-dioksimlerin sentezi, karakterizasyonu ve bazı geçiş metal komplekslerinin incelenmesi), 2001 - 2003

## **Metrikler**

Yayın: 60  
Atıf (WoS): 150  
Atıf (Scopus): 334  
H-İndeks (WoS): 4  
H-İndeks (Scopus): 10

## **Akademi Dışı Deneyim**

MADEN TETKİK ARAMA GENEL MÜDÜRLÜĞÜ