

## **Prof. Dr. Sezgin BAKIRDERE**

### **Kişisel Bilgiler**

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Yoksis Araştırmacı ID: 137708

### **Eğitim Bilgileri**

Doktora, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Türkiye 2004 - 2009

Yüksek Lisans, Fırat Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Türkiye 2001 - 2003

Lisans, Fırat Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, Türkiye 1997 - 2001

### **Yabancı Diller**

İngilizce, C1 İleri

### **Yaptığı Tezler**

Doktora, Speciation studies using HPLC-ICP-MS and HPLC-ES-MS, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya / Analitik Kimya, 2009

Yüksek Lisans, Biyolojik ve Çevre Örneklerinde Kurşunun Zenginleştirilerek Atomik Adsorpsiyon Spektrofotometresiyle Tayini, Fırat Üniversitesi, Fen Edebiyat Fakültesi, Kimya / Analitik Kimya, 2003

### **Araştırma Alanları**

Kimya, Analitik Kimya, Adsorpsiyon Spektroskopisi, Atomik Kütle Spektrometrisi, Atomik ve Moleküler Spektroskopi, Kromatografi, Kütle Spektroskopisi, Temel Bilimler

### **Akademik Unvanlar / Görevler**

Prof. Dr., Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2017 - Devam Ediyor

Doç. Dr., Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2013 - 2017

Doç. Dr., Yıldız Teknik Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Bölümü, 2012 - 2013

Yrd. Doç. Dr., Yıldız Teknik Üniversitesi, Eğitim Fakültesi, Matematik Ve Fen Bilimleri Bölümü, 2012 - 2012

Araştırma Görevlisi Dr., Zonguldak Bülent Ecevit Üniversitesi, Fen-Edebiyat Fakültesi, Kimya Bölümü, 2010 - 2012

Araştırma Görevlisi Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2009 - 2010

Araştırma Görevlisi, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2002 - 2009

## Akademik İdari Deneyim

Dekan, Yıldız Teknik Üniversitesi, Uygulamalı Bilimler Fakültesi, 2017 - 2021  
Uygulama ve Araştırma Merkezi Müdürü, Yıldız Teknik Üniversitesi, 2016 - 2020  
Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi Kimya Bölümü, 2014 - 2016

## Yönetilen Tezler

- BAKIRDERE S., Alevli Atomik Absorpsiyon Spektrofotometre Cihaz Duyarlılığının Yarıklı Kuartz Tüp (YKT) ile Artırılması ve YKT İç Yüzeyinin Adsorpsiyon Özelliklerinin İncelenmesi, Doktora, Ç.Büyükpınar(Öğrenci), Devam Ediyor
- Bakırdere S., Özdoğan N., Farklı Analitlerin Önderiştirilmesinde Zirkonyum Nanopartiküllerin Kullanılması, Yüksek Lisans, Z.TEKİN(Öğrenci), Devam Ediyor
- Bakırdere S., Farklı Pestisit, Hormon ve İlaç Etken Madde Grubu Endokrin Bozucu Maddelerin Önderiştirilmesi Sonrası GC-MS Sisteminde Eser Seviyelerde Tayinleri, Doktora, E.Seda(Öğrenci), Devam Ediyor
- Bakırdere S., Balık Yağı Örneklerinde Bulunan Organik Analitlerin Ters Faz Dağıtıcı Sıvı-Sıvı Mikroekstraksiyon Stratejisi Kullanılarak Eser Seviyelerde Tayinleri, Yüksek Lisans, G.ÖZZEYBEK(Öğrenci), Devam Ediyor
- Bakırdere S., Uçuçu Bileşen Oluşturma Alevli Atomik Absorpsiyon Sisteminde Antimon Tayinine Yönelik Analitik Yöntem Geliştirme, Yüksek Lisans, E.YAZICI(Öğrenci), Devam Ediyor
- Bakırdere S., Türleme Çalışmalarında Tayin Limitlerinin Düşürülmesine Yönelik Analitik Yöntemlerin Geliştirilmesi, Yüksek Lisans, S.BODUR(Öğrenci), Devam Ediyor
- Bakırdere S., Poli Aromatik Hidrokarbonların Tayininde Yeni Analitik Stratejiler, Yüksek Lisans, M.Selin(Öğrenci), Devam Ediyor
- Bakırdere S., Nanokompozitler kullanılarak seçili mikrokirleticilerin çevre örneklerinde eser seviyelerde tayinleri, Yüksek Lisans, B.TİŞLİ(Öğrenci), Devam Ediyor
- Bakırdere S., Combination of Microextraction Strategies and T-Shaped Quartz Tube to Lower the Detection Limits, Doktora, E.AKKAYA(Öğrenci), Devam Ediyor
- Bakırdere S., Bakırdere E. G., New solid and liquid phase microextraction strategies for trace analyte determinations in atomic spectroscopy, Doktora, B.Tuğba(Öğrenci), Devam Ediyor
- Bakırdere S., Vücut sıvlarında bulunan farklı hastalık belirteçlerinin tayinlerine yönelik analitik stratejilerin geliştirilmesi, Doktora, U.BALÇIK(Öğrenci), Devam Ediyor
- Bakırdere S., Moleküler Baskılı Polimerlerin Analitik Uygulamaları, Yüksek Lisans, N.Aylin(Öğrenci), Devam Ediyor
- Keyf S., Bakırdere S., Organik/İnorganik Kirleticilerin Ultraeser Seviyelerde Tayinlerine Yönelik Yeni Analitik Stratejilerin Geliştirilmesi, Doktora, T.UNUTKAN(Öğrenci), Devam Ediyor
- Engin G., Bakırdere S., Simultaneous Determination of Nervous System Drugs and Their Treatment From Wastewater by Novel Adsorption Technologies, Doktora, G.DALGIÇ(Öğrenci), Devam Ediyor
- Bakırdere S., Accurate and sensitive determination of organic and inorganic contaminants in body fluids and environmental samples using novel analytical strategies, Doktora, S.ERARPAT(Öğrenci), Devam Ediyor
- Bakırdere S., Aci biber örneklerinde kapsaisin tayinine yönelik özgün mikroekstrasyon yöntemleri geliştirilmesi, Yüksek Lisans, İ.SAHİN(Öğrenci), Devam Ediyor
- Bakırdere S., Eser Seviyelerde Melamin Tayinine Yönelik Analitik Yöntem Geliştirilmesi, Yüksek Lisans, E.MALTEPE(Öğrenci), Devam Ediyor
- Bakırdere S., Can S., Selenyum, krom türlemesi ve ceviz köken tayinine yönelik yüksek doğruluk ve duyarlılıkta analitik yöntemler geliştirilmesi, Doktora, B.Arı(Öğrenci), Devam Ediyor
- Bakırdere S., Farklı Matrikslerde Bulunan Endokrin Bozucu Maddelerin Önderiştirme Sonrası Eser Seviyelerde Tayinleri, Doktora, D.Selali(Öğrenci), Devam Ediyor
- Bakırdere S., Organik/İnorganik Analitlerin Gıda Örneklerinde Eser Seviyelerde Tayinlerine Yönelik Özgün Analitik Stratejilerin Geliştirilmesi, Yüksek Lisans, T.BORAHAN(Öğrenci), Devam Ediyor
- Özbek B., Bakırdere S., Determination of Trace Analytes in Biological Fluids by Q TOF LC/MS Using Isotope Dilution Method, Doktora, E.ÖZTÜRKER(Öğrenci), 2020
- Bakırdere S., Development of analytical strategies for accurate and precise determination of endocrine disruptive chemicals in biological and environmental matrices, Yüksek Lisans, S.ERARPAT(Öğrenci), 2019
- Bakırdere S., Pestisit ve Endokrin Bozucu Maddelerin Düşük Seviyelerde Eşzamanlı Tayinleri ve Biyoerişebilirlik

Seviyelerinin Belirlenmesi, Yüksek Lisans, U.Balçık(Öğrenci), 2019  
Özdoğan N., Bakırdere S., Farklı pestisitlerin akıllı ve ikili dağıtıçı sıvı sıvı mikroekstraksiyon stratejileri ile yüksek doğruluk ve duyarlılıkla eşzamanlı tayinleri, Yüksek Lisans, F.KAPUKIRAN(Öğrenci), 2019  
Bakırdere S., Uçucu Bileşen Oluşturma -Atomik Absorpsiyon Spektrofotometre Sisteminde Analitlerin Düşük Seviyelerde Tayinleri, Yüksek Lisans, B.Tuğba(Öğrenci), 2018  
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BAKIRDERE S., İlaç Aktif Maddelerinin Kararlılık Seviyelerinin HPLC Cihaz İle Tayinleri, Yüksek Lisans, A.Kemal(Öğrenci), 2016  
İçelli O., Bakırdere S., Ses dalgaları, manyetik alan ve elektrik alan etkisinde kurutulan gıdalardamikotoksinlerin tayini ve fizikal/kimyasal parametrelerin incelenmesi, Doktora, E.Nuroğlu(Öğrenci), 2016  
Keyf S., Bakırdere S., Amoksisilinin Farklı Matrikslerde Yüksek Basınçlı Sıvı Kromatografi Sistemi İle Düşük Seviyelerde Tayini, Yüksek Lisans, T.UNUTKAN(Öğrenci), 2016  
BAKIRDERE S., Sertralinin GC-MS Sisteminde Düşük Seviyelerde Tayinine Yönelik Analitik Yöntem Geliştirilmesi ve Yapay Mide Ortamındaki Kararlılığının Tespit Edilmesi, Yüksek Lisans, E.Seda(Öğrenci), 2016  
BAKIRDERE S., Valsartanın Farklı Matrikslerde Tayinine Yönelik Analitik Yöntem Geliştirilmesi ve Kararlılık Çalışması, Yüksek Lisans, H.Serbest(Öğrenci), 2016  
BAKIRDERE S., Türk Makam Müziğinin Günümüze Aktarımında Gramofon Kayıtlarının Rolü, Disklerin Kimyasal ve Fizikal Analizleri ve Tayin Sonuçlarının Ses Kalitesiyle İlişkisi, Yüksek Lisans, D.Seltuğ(Öğrenci), 2016

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

- I. **Combination of spraying based liquid phase microextraction and liquid chromatography-tandem mass spectrometry for the determination of colchicine at ultra-trace levels in artificial urine and serum samples**  
Kutlu R., Bodur S., GÜNKARA Ö. T., BAKIRDERE S.  
Microchemical Journal, cilt.207, 2024 (SCI-Expanded)
- II. **Spray-assisted drop formation liquid-phase microextraction for the determination of sertraline in environmental water samples with matrix-matching calibration in GC-MS**  
Zeytinci N. K., Akbıyık H., Tezgin E., Zaman B. T., DALGIÇ BOZYİĞİT G., Şaylan M., BAKIRDERE S.  
Journal of Analytical Science and Technology, cilt.15, sa.1, 2024 (SCI-Expanded)
- III. **Microwave-Assisted Synthesis Method for the Production of Carbon Nano Dots and Its Genotoxicity Assessment**  
Tekin Z., Ergenler A., Zaman B. T., GÜNKARA Ö. T., Depci T., Turan F., BAKIRDERE S.  
ChemistrySelect, cilt.9, sa.37, 2024 (SCI-Expanded)
- IV. **A simple and efficient supramolecular solvent based liquid phase microextraction method for the preconcentration of nickel from dandelion tea samples before FAAS quantification, and the practicality and greenness assessment of developed method**  
Kartoğlu B., Bodur S., Gülhan Bakırdere E., BAKIRDERE S.  
Microchemical Journal, cilt.205, 2024 (SCI-Expanded)
- V. **Microwave-assisted synthesis of γ-aloooh nanoflowers as an adsorbent for cadmium removal from domestic wastewater**  
Metin B., DALGIÇ BOZYİĞİT G., Zaman B. T., Er E. Ö., TURAK F., BAKIRDERE S.  
Environmental monitoring and assessment, cilt.196, sa.10, ss.996, 2024 (SCI-Expanded)
- VI. **Determination of trace amounts of metobromuron herbicide residues in fruits by QuEChERS and DLLME methods**  
Oflu S., Zaman B. T., Kilinç Y., Bakırdere S., Turak F.

- Journal of Food Composition and Analysis, cilt.133, 2024 (SCI-Expanded)
- VII. **Development of dispersive solid phase extraction method for the preconcentration of parathion ethyl as a simulant of nerve agent sarin from soil, plant and water samples prior to GC-MS determination**  
Bodur S., ERARPAT BODUR S., Tutar B. K., BAKIRDERE S., Yağmuroğlu O.  
Environmental Monitoring and Assessment, cilt.196, sa.9, 2024 (SCI-Expanded)
- VIII. **Determination of capsaicin at trace levels in different food, biological and environmental samples by quadruple isotope dilution-gas chromatography mass spectrometry after its preconcentration**  
ERARPAT BODUR S., Bodur S., Ayyıldız M. F., GÜNKARA Ö. T., Dikmen Y., Doru E. S., BAKIRDERE S.  
Journal of Chromatography A, cilt.1731, 2024 (SCI-Expanded)
- IX. **Efficient removal of estrone and 17 $\beta$ -estradiol from aqueous medium using UV irradiation-assisted fenton process**  
Dikmen Y., Şaylan M., Oflu S., Ayyıldız M. F., Serbest H., DALGIÇ BOZYİĞİT G., BAKIRDERE S.  
Chemical Papers, cilt.78, sa.13, ss.7477-7486, 2024 (SCI-Expanded)
- X. **Determination of trace levels of thiazopyr residues in oolong tea samples using metal sieve-linked double syringe based liquid-phase microextraction coupled with gas chromatography-mass spectrometry**  
Aydın N., UNUTKAN GÖSTERİŞLİ T., BAKIRDERE S.  
Journal of Food Composition and Analysis, cilt.132, 2024 (SCI-Expanded)
- XI. **CoSn(OH)<sub>6</sub> nanocubes as a solid sorbent for the effective preconcentration of copper ions in cinnamon (*Cinnamomum zeylanicum*) extract**  
Bahçıvan A., Şaylan M., SAĞDIÇ O., BAKIRDERE S.  
Food Chemistry, cilt.447, 2024 (SCI-Expanded)
- XII. **Graphene oxide-zinc oxide nanocomposite modified disposable electrodes for detection of uric acid in fetal bovine serum**  
Yıldırım A., Maral M., Tugba Zaman B., Bozoglu A., Demir C., BAKIRDERE S., Erdem A.  
Journal of Electroanalytical Chemistry, cilt.965, 2024 (SCI-Expanded)
- XIII. **Determination of ethalfluralin in soy flour samples using MnO<sub>2</sub>-deep eutectic solvent based nanofluid for its preconcentration prior to GC-FID measurement**  
Gürsoy S., Bombom M., Zaman B. T., TURAK F., Er E. Ö., Korkunç Ü. P., BAKIRDERE S.  
Chemical Papers, cilt.78, sa.11, ss.6545-6552, 2024 (SCI-Expanded)
- XIV. **Determination of acetylcysteine and cysteine in pharmaceutical formulations using a smartphone-based digital image colorimetric method**  
Şahin N., Kustanto T. B., Zaman B. T., Korkunç Ü. P., Gel M. S., BAKIRDERE S.  
Chemical Papers, cilt.78, sa.10, ss.6203-6210, 2024 (SCI-Expanded)
- XV. **Simultaneous removal of mixed pesticides and natural organic matter from surface waters by nitric and chlorosulfonic acid functionalized powdered activated carbon**  
Aykut-Senel B., Ozgur C., BAKIRDERE S., KAPLAN BEKAROĞLU Ş. Ş., ATEŞ N.  
Journal of Chemical Technology and Biotechnology, cilt.99, sa.7, ss.1646-1659, 2024 (SCI-Expanded)
- XVI. **Development of a novel treatment strategy for the removal of cadmium from wastewater samples using poly(vinyl alcohol)-based magnetic hydrogel beads**  
Karlıdağ N. E., Göver T., Er E. Ö., DALGIÇ BOZYİĞİT G., TURAK F., BAKIRDERE S.  
Journal of Nanoparticle Research, cilt.26, sa.6, 2024 (SCI-Expanded)
- XVII. **Determination of copper ion at trace levels in apple tea samples by simultaneous complexation and spray assisted microextraction method prior to detection by flame atomic absorption spectrophotometry**  
Diridiri P. N., Bodur S., Bayraktar A., GÜNKARA Ö. T., BAKIRDERE S.  
Food Chemistry, cilt.441, 2024 (SCI-Expanded)
- XVIII. **Determination of copper in rose tea samples using flame atomic absorption spectrometry after emulsification liquid-liquid microextraction**  
Kartoğlu B., Bodur S., ZEYDANLI D., Göver T., Özaydin E., Gülhan Bakirdere E., BAKIRDERE S.

- Food Chemistry, cilt.439, 2024 (SCI-Expanded)
- XIX. **Determination of phenytoin at trace levels in domestic wastewater and synthetic urine samples by gas chromatography-mass spectrometry after its preconcentration by simple liquid-phase microextraction**  
Bodur S. E., Ayan G. N., Bodur S., GÜNKARA Ö. T., BAKIRDERE S.  
Environmental Monitoring and Assessment, cilt.196, sa.5, 2024 (SCI-Expanded)
- XX. **Microwave-Assisted Hydrothermal Synthesis of Zinc-tin Based Nanoflower for the Adsorptive Removal of Cadmium from Synthetic Wastewater**  
Toprak M., YILDIZ O. B., Zaman B. T., DALGIÇ BOZYİĞİT G., Temuge İ. D., ÇETİN G., BAKIRDERE S.  
Water, Air, and Soil Pollution, cilt.235, sa.5, 2024 (SCI-Expanded)
- XXI. **Synthesis of Nanocube-Shaped Cobalt Tin Hydroxides for the Preconcentration of Lead in Environmental Seawater Collected from Antarctic Region**  
Şaylan M., Ayyıldız M. F., Zaman B. T., Korkunç Ü., Gürsoy S., ÇETİN G., BAKIRDERE S.  
ChemistrySelect, cilt.9, sa.9, 2024 (SCI-Expanded)
- XXII. **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.  
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- XXIII. **A simple and effective graphene oxide-zinc oxide nanocomposite based solid phase extraction method for the determination of cadmium in tea matrix at trace levels by flame atomic absorption spectrophotometry**  
Demir C., Öner M., ÇETİN G., BAKIRDERE S.  
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- XXIV. **Development of A Liquid-Phase Microextraction Method for Simultaneous Determination of Parabens in Lipstick Samples at Trace Levels by High-Performance Liquid Chromatography**  
UNUTKAN GÖSTERİŞLİ T., Kublay I. Z., KEYF S., BAKIRDERE S.  
Journal of Chromatographic Science, cilt.62, sa.3, ss.295-300, 2024 (SCI-Expanded)
- XXV. **An accurate and sensitive determination of selected pesticides in mixed fruit juice samples using the combination of a simple and efficient microextraction method and GC-MS with a matrix matching calibration strategy**  
Bodur S., Tutar B. K., Tutar Ö. F., BAKIRDERE S.  
Analytical Methods, cilt.16, sa.9, ss.1363-1370, 2024 (SCI-Expanded)
- XXVI. **Detection of copper in boiled water samples from traditional coffee pots by applying deep eutectic solvent-assisted reduced graphene oxide-coated magnetic nanocomposite-based microextraction strategy**  
KASA N. A., Zeytinci N. K., Aydin B. N., BAKIRDERE S.  
Chemical Papers, cilt.78, sa.4, ss.2185-2192, 2024 (SCI-Expanded)
- XXVII. **Deep eutectic solvents for the determination of endocrine disrupting chemicals**  
Chormey D. S., Zaman B. T., Kustanto T. B., ERARPAT BODUR S., Bodur S., Er E. Ö., BAKIRDERE S.  
Talanta, cilt.268, 2024 (SCI-Expanded)
- XXVIII. **Dual techniques for trace copper determination: DES/Dithizone based liquid phase microextraction-flame atomic absorption spectrophotometry and digital image based colorimetric probe**  
Kılıç Y., Zaman B. T., BAKIRDERE S., Özdoğan N.  
Food Chemistry, cilt.432, 2024 (SCI-Expanded)
- XXIX. **Determination of Thallium in Tea with Preconcentration by Microwave-Assisted Synthesized Molybdenum Disulfide Nanoparticles and Flame Atomic Absorption Spectrometry (FAAS) Analysis**  
Tİşli B., Gösterişli T., BAKIRDERE S.  
Analytical Letters, cilt.57, sa.11, ss.1715-1726, 2024 (SCI-Expanded)
- XXX. **Biocompatible silver nanoparticles from apricot kernel skin: a green synthesis approach to antibacterial and antiangiogenic therapies**  
Nejati O., Torkay G., Girgin A., Zaman B. T., Akar R. O., Giray B., Ulukaya E., BAKIRDERE S., Bal-Öztürk A.

- Chemical Papers, 2024 (SCI-Expanded)
- XXXI. Removal of two antidepressant active pharmaceutical ingredients from hospital wastewater by polystyrene-coated magnetite nanoparticles-assisted batch adsorption process  
DALGIÇ BOZYİĞİT G., Zaman B. T., ÖZDEMİR O. K., Kilinç Y., Chormey D. S., BAKIRDERE S., ENGİN G.  
Environmental Monitoring and Assessment, cilt.196, sa.1, 2024 (SCI-Expanded)
- XXXII. Ultraviolet-assisted Fenton digestion of peach juice for the determination of nickel by flame atomic absorption spectrometry (FAAS)  
Ayyıldız M. F., Şaylan M., Yazıcı E., Chormey D. S., BAKIRDERE S.  
Analytical Letters, cilt.57, sa.13, ss.2170-2181, 2024 (SCI-Expanded)
- XXXIII. Microwave-assisted hydrothermal green synthesis of selenium nanoparticles incorporated with hyaluronic acid methacrylate/gelatin methacrylate hydrogels for wound healing applications  
Nejati O., Tişli B., Yaşayan G., Zaman B. T., Torkay G., Dönmez M., Kayın İ., BAKIRDERE S., Bal-Öztürk A.  
Polymer Engineering and Science, cilt.64, sa.1, ss.316-327, 2024 (SCI-Expanded)
- XXXIV. Introduction for the 12th Aegean Analytical Chemistry Days (AACD 2023) Conference Special Issue in Analytical Letters  
BAKIRDERE S.  
Analytical Letters, 2024 (SCI-Expanded)
- XXXV. Development of Analytical Strategy for the Determination of Cadmium by Flame Atomic Absorption Spectrometry After Dithizone/Deep Eutectic Solvent Probe Based Liquid Phase Microextraction  
Akbiyik H., Serbes H., Kilinç Y., Oflu S., Gürsoy S., Özdoğan N., ÇETİN G., BAKIRDERE S.  
Analytical Letters, 2024 (SCI-Expanded)
- XXXVI. Simultaneous complexation and extraction of manganese in melissa tea sample by deep eutectic solvent based liquid phase microextraction  
Bayraktar A., ERARPAT S., Diridir P. N., Kuşat K., BAKIRDERE S.  
Journal of Food Composition and Analysis, cilt.125, 2024 (SCI-Expanded)
- XXXVII. Development an effective adsorptive treatment strategy for the removal of cadmium from textile wastewater by CuBi<sub>2</sub>O<sub>4</sub>@Fe<sub>3</sub>O<sub>4</sub> nanocomposites  
Büyük M. A., Serbest H., DALGIÇ BOZYİĞİT G., BAKIRDERE S.  
Chemical Engineering Communications, 2024 (SCI-Expanded)
- XXXVIII. A simple microwave-assisted synthesis of cobalt ferrite nanoparticles and its application for the determination of lead ions in rooibos (*Aspalathus linearis*) tea  
Ayyıldız M. F., Karaman D. N., Kartoğlu B., Şaylan M., Chormey D. S., BAKIRDERE S.  
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- XXXIX. Development of an analytical strategy for the determination of trace lead in hibiscus tea extract by double slotted quartz tube assisted flame atomic absorption spectrometry after manganese ferrite based dispersive solid phase extraction  
Nur Karaman D., Serbest H., Bahçıvan A., POLAT KORKUNÇ Ü., BAKIRDERE S.  
Microchemical Journal, cilt.195, 2023 (SCI-Expanded)
- XL. Biogenic synthesis of novel nanomaterials and their applications  
Chormey D. S., Zaman B. T., Borahan Kustanto T., ERARPAT BODUR S., Bodur S., Tekin Z., Nejati O., BAKIRDERE S.  
Nanoscale, cilt.15, sa.48, ss.19423-19447, 2023 (SCI-Expanded)
- XLI. Smartphone digital image colorimetry combined with dispersive solid-phase microextraction for the determination of boron in food samples  
Caleb J., Alshana U., ERTAŞ N., BAKIRDERE S.  
Food Chemistry, cilt.426, 2023 (SCI-Expanded)
- XLII. Combination of smartphone digital image colorimetry and UV-Vis spectrophotometry as detection systems with solidified floating organic drop microextraction as preconcentration method for the quantification of methyl red in wastewater samples  
Bombom M., Girgin A., Zaman B. T., TURAK F., BAKIRDERE S.  
Turkish Journal of Chemistry, cilt.47, sa.5, ss.1075-1084, 2023 (SCI-Expanded)
- XLIII. Analytical application of flower-shaped nickel nanomaterial for the preconcentration of manganese

- in domestic wastewater samples**  
Aydın E. S., Zaman B. T., DALGIÇ BOZYİĞİT G., BAKIRDERE S.  
Environmental Monitoring and Assessment, cilt.195, sa.11, 2023 (SCI-Expanded)
- XLIV. Cadmium determination at trace levels in lake water samples by cold vapor generation-atomic absorption spectrometry after magnetic dispersive solid phase extraction**  
Bodur S., ERARPAT S., Kayın İ., BAKIRDERE S.  
Chemical Papers, cilt.77, sa.11, ss.6629-6636, 2023 (SCI-Expanded)
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- CIV. **Magnetic Nanoparticles Based Solid Phase Extraction Methods for the Determination of Trace Elements**

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- CXXIV. **Preconcentration of tellurium using magnetic hydrogel-assisted dispersive solid-phase extraction and its determination by slotted quartz tube-flame atomic absorption spectrophotometry**  
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- CXXVI. **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**  
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- CXXVIII. **Determination of selenite and selenomethionine in kefir grains by reversed-phase high-performance liquid chromatography-inductively coupled plasma-optical emission spectrometry**  
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- CXXIX. **An effective and rapid magnetic nanoparticle based dispersive solid phase extraction method for the extraction and preconcentration of cadmium from edible oil samples before ICP OES measurement**  
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- CXXXVII. **Combination of an Efficient Photochemical Vapor Generation System and Flame Atomic Absorption**

- Spectrophotometry for Trace Nickel Determination in Wastewater Samples**  
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- CXLII. **Determination of Manganese in Coffee and Wastewater Using Deep Eutectic Solvent Based Extraction and Flame Atomic Absorption Spectrometry**  
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- CXLIV. **A rapid, sensitive and accurate determination of cobalamin with double monitoring system: HPLC-UV and HPLC-ICP-OES**  
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- CXLV. **Development of an easy and rapid analytical method for the extraction and preconcentration of chloroquine phosphate from human biofluids prior to GC?MS analysis**  
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- CXLVI. **Determination of Pyridaphenthion in Aqueous and Food Samples by Reverse Phase High Performance Liquid Chromatography (HPLC) after QuEChERS Extraction and Degradation Studies under Ultraviolet (UV) Radiation**  
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- CXLVII. **A simple and effective determination of methyl red in wastewater samples by UV-Vis spectrophotometer with matrix matching calibration strategy after vortex assisted deep eutectic solvent based liquid phase extraction and evaluation of green profile**  
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- CXLVIII. **Sodium, Magnesium, Calcium, Manganese, Iron, Copper, and Zinc in Serums of Beta Thalassemia Major Patients**

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- CL. A miniaturized spray-assisted fine-droplet-formation-based liquid-phase microextraction method for the simultaneous determination of fenpiclonil, nitrofen and fenoxyprop-ethyl as pesticides in soil samples  
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- CLI. Determination of copper in traditional coffee pot water samples by flame atomic absorption spectrometry and matrix matching calibration strategy after switchable solvent based liquid-phase microextraction  
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- CLIV. Determination of fipronil and bixafen pesticides residues using gas chromatography mass spectroscopy with matrix matching calibration strategy after binary dispersive liquid-liquid microextraction  
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- CLVI. 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  
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- CLVIII. Ultra-trace cadmium determination in eucalyptus and rosemary tea samples using a novel method: deep eutectic solvent based magnetic nanofluid liquid phase microextraction-slotted quartz tube- flame atomic absorption spectrometry  
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- CLIX. Chitosan magnetic hydrogel based ligandless magnetic solid phase extraction for the accurate and sensitive determination of thallium by slotted-quartz tube flame atomic absorption spectrophotometry with matrix matching calibration strategy  
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- CLX. 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  
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- CLXI. Zirconium nanoparticles based dispersive solid phase extraction prior to slotted quartz tube-flame atomic absorption spectrophotometry for the determination of selenium in green tea samples  
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- CLXII. An accurate and sensitive analytical method for the simultaneous determination of glycine, methionine and homocysteine in biological matrices by matrix matching strategy and LC-quadrupole-time-of-flight-MS/MS  
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- CLXIII. Accurate and simple determination of oxcarbazepine in human plasma and urine samples using switchable-hydrophilicity solvent in GC-MS  
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- CLXIV. Simultaneous Determination of Harmful Aromatic Amine Products of Azo Dyes by Gas Chromatography-Mass Spectrometry  
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- CLXV. A novel and rapid extraction protocol for sensitive and accurate determination of prochloraz in orange juice samples: Vortex-assisted spraying-based fine droplet formation liquid-phase microextraction before gas chromatography-mass spectrometry  
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- CLXVI. Feasibility Studies on the Effect of Natural Plant Compounds on Sludge Characteristics in a Batch-Type Aerobic Reactor and N-butyryl-L Homoserine Lactone  
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- CLXVII. 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)  
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- CLXVIII. Accurate and Sensitive Analytical Method for the Determination of Cyclanilide in Cotton and Cosmetic Pads at Trace Levels Using the Combination of Vortex Assisted Iron(II,III)/Reduced Graphene Oxide Nanocomposite Based Dispersive Solid Phase Extraction and High Performance Liquid Chromatography (HPLC)  
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- CLXIX. Sensitive Determination of Acetochlor, Alachlor, Metolachlor and Fenthion Utilizing Mechanical Shaking Assisted Dispersive Liquid–Liquid Microextraction Prior to Gas Chromatography-Mass Spectrometry

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- CLXX. **Determination of Trace Amounts of Gold in Electroplating Rinsing Bath by Slotted Quartz Tube Flame Atomic Absorption Spectrometry with Matrix Matching Calibration Strategy after Preconcentration with Vortex Assisted Dispersive Liquid-Liquid Microextraction**  
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- CLXXI. **Accurate and Sensitive Determination of Atraton in Dried Tomato and Corn Flour by High-Performance Liquid Chromatography (HPLC) and Characterization of Its Stability in Gastric Conditions and by Ultraviolet Radiation**  
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- CLXXII. **Zirconium nanoparticles based ligandless dispersive solid phase extraction for the determination of antimony in bergamot and mint tea samples by slotted quartz tube-flame atomic absorption spectrophotometry**  
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- CLXXIII. **Development of a sensitive microextraction strategy for the accurate determination of tebuconazole and etrimfos by gas chromatography-mass spectrometry**  
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- CLXXV. **Experimental Design of Vortex Assisted Switchable Solvent Homogeneous Liquid-Liquid Microextraction for Simultaneous Determination of Four Pesticides in Wastewater**  
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- CLXXVIII. **Nano-sized magnetic Ni particles based dispersive solid-phase extraction of trace Cd before the determination by flame atomic absorption spectrometry with slotted quartz tube: a new, accurate, and sensitive quantification method**  
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- CLXXX. **Assessment of different isotope dilution strategies and their combination with switchable solvent-based liquid phase microextraction prior to the quantification of bisphenol A at trace levels via GC-MS**

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- CLXXXII. **Preliminary study testing the effects of tea and coffee on sludge characteristics and N-butyryl-L-homoserine lactone in an MBR system**  
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- CLXXXIII. **Determination of iron in hair samples by slotted quartz tube-flame atomic absorption spectrometry after switchable solvent liquid phase extraction**  
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- CLXXXIV. **A Simple and Green Vortex-Assisted Switchable Solvent-Based Microextraction Method by Using Schiff Base Ligand Complexation for Iron Determination in Mineral Spring Water Samples Prior to Slotted Quartz Tube Flame Atomic Absorption Spectrophotometry**  
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- CLXXXV. **Reverse phase dispersive liquid-liquid microextraction coupled to slotted quartz tube flame atomic absorption spectrometry as a new analytical strategy for trace determination of cadmium in fish and olive oil samples**  
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- CLXXXVI. **Simple, Sensitive, and Selective High Performance Liquid Chromatographic (HPLC) Method for the Determination of Buturon in Herbal Tea, Dried Blueberry, and Cranberry Samples and Evaluation of Its Stability in Gastric Conditions**  
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- CLXXXVII. **Liquid phase microextraction strategies and their application in the determination of endocrine disruptive compounds in food samples**  
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- CLXXXVIII. **A new derivatization method for the determination of propineb in black tea and infant formula samples using dispersive liquid-liquid microextraction followed by gas chromatography-mass spectrometry**  
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- CLXXXIX. **Removal of Selected Micropollutants from Synthetic Wastewater by Electrooxidation Using Oxidized Titanium and Graphite Electrodes**  
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- CXCI. **Accurate and Sensitive Reverse Phase High-Performance Liquid Chromatographic Determination of Arbutin in Blueberries and Characterization of Its Stability in Simulated Gastric Fluid and under Ultraviolet Irradiation**  
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- CXCII. **Liquid phase microextraction based sensitive analytical strategy for the determination of 22 hazardous aromatic amine products of azo dyes in wastewater and tap water samples by GC-MS system**  
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- CXCIII. **Simple, Accurate and Precise Determination of the Fungicide Zoxamide in Wine and the Characterization of its Stability in Gastric Conditions by Reverse-Phase High-Performance Liquid Chromatography (RP-HPLC)**  
Borahan T., UNUTKAN T., BAKIRDERE S.  
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- CXCIV. **Sensitive Determination of Selected Drug Active Compounds in Wastewater Matrices by LC-QTOF-MS/MS after Vortex Assisted Binary Solvents Dispersive Liquid-Liquid Microextraction**  
Seda Koçoğlu E. S., SÖZÜDOĞRU O., KOMESLİ O. T., YILMAZ A. B., Er E., BAKIRDERE S.  
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- CXCV. **Determination of trace nickel in chamomile tea and coffee samples by slotted quartz tube-flame atomic absorption spectrometry after preconcentration with dispersive liquid-liquid microextraction method using a Schiff base ligand**  
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- CC. **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**  
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- CCI. **Analytical protocol for determination of endosulfan beta, propham, chlorpyrifos, and acibenzolar-s-methyl in lake water and wastewater samples by gas chromatography-mass spectrometry after dispersive liquid-liquid microextraction**  
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- Performance Liquid Chromatography-Tandem Mass Spectrometry (HPLC-MS/MS) and Trace Elements by Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)**  
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- CCVIII. A sieve-conducted two-syringe-based pressurized liquid-phase microextraction for the determination of indium by slotted quartz tube-flame atomic absorption spectrometry**  
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- CCX. A novel determination method for diuron in seaweed samples: Combination of quadruple isotope dilution strategy with liquid chromatography - quadrupole time of flight - tandem mass spectrometry for superior accuracy and precision**  
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- CCXI. Accurate and Precise Determination of Gold in Plating Bath Solution: Deep Eutectic Solvent Based Liquid Phase Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry**  
Yılmaz Ö., Durak B. Y., Tekin Z., Koçoğlu E. S., Bakirdere S.  
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- CCXII. Combination of stearic acid coated magnetic nanoparticle based sonication assisted dispersive solid phase extraction and slotted quartz tube-flame atomic absorption spectrophotometry for the accurate and sensitive determination of lead in red pepper samples and assessment of green profile**  
Zaman B. T., Erulaş A. F., Chormey D. S., BAKIRDERE S.  
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- CCXIII. Determination of indium in lettuce samples using hydrogen supported-T-cut-slotted quartz tube-**

- atom trap-flame atomic absorption spectrometry**  
Kapukiran F., YILMAZ Ö., Tekin Z., Büyükpınar Ç., Özdogan N., BAKIRDERE S.  
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- CCXIV. An accurate determination method for cobalt in sage tea and cobalamin: Slotted quartz tube-flame atomic absorption spectrometry after preconcentration with switchable liquid-liquid microextraction using a Schiff base**  
Yazıcı E., Fırat M., Selali Chormey D., Gülan Bakırdere E., Bakırdere S.  
Food Chemistry, cilt.302, 2020 (SCI-Expanded)
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Tekin Z., Zaman B. T., BAKIRDERE S.  
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- CCXVI. A powerful combination of quadruple isotope dilution strategy with dispersive magnetic solid phase extraction for the accurate and precise multi-analyte determination of tadalafil, sildenafil, avanafil and vardenafil in human plasma and urine samples using LC-ESI-Tandem MS**  
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MICROCHEMICAL JOURNAL, cilt.152, 2020 (SCI-Expanded)
- CCXVII. Determination of Trace Element Concentrations in Blood Samples and Their Correlation to Breast Cancer**  
TOPDAĞI Ö., TOKER O., BAKIRDERE S., ÖZ E., Bursalioglu E. O., Abuqbeitah M., Demir M., İÇELİ O.  
ATOMIC SPECTROSCOPY, cilt.41, sa.1, ss.29-35, 2020 (SCI-Expanded)
- CCXVIII. Influence of Hydraulic Retention Time (HRT) upon the Treatment of Wastewater by a Laboratory-Scale Membrane Bioreactor (MBR)**  
SÖZÜDOĞRU O., Massara T. M., Calik S., YILMAZ A. E., BAKIRDERE S., Katsou E., KOMESLİ O. T.  
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- CCXX. Optimization of atrazine removal from synthetic groundwater by electrooxidation process using titanium dioxide and graphite electrodes**  
Bakaraki Turan N., Sarı Erkan H., Çağlak A., Bakırdere S., Engin G.  
Separation Science And Technology, cilt.55, sa.16, ss.3036-3045, 2020 (SCI-Expanded)
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ANALYTICAL LETTERS, cilt.54, sa.10, ss.1616-1626, 2020 (SCI-Expanded)
- CCXXII. An analytical strategy for propoxur determination in raisin samples with matrix matching method after dispersive liquid-liquid microextraction**  
Borahan T., Tekin Z., Zaman B. T., Chormey D. S., BAKIRDERE S.  
Journal of Food Composition and Analysis, cilt.84, 2019 (SCI-Expanded)
- CCXXIII. Oleic and stearic acid-coated magnetite nanoparticles for sonication-assisted binary micro-solid phase extraction of endocrine disrupting compounds, and their quantification by GC-MS**  
Chormey D. S., Akkaya E., Erulaş F. A., BAKIRDERE S.  
Microchimica Acta, cilt.186, sa.12, 2019 (SCI-Expanded)
- CCXXIV. Determination of cadmium at trace levels in parsley samples by slotted quartz tube-flame atomic absorption spectrometry after preconcentration with cloud point extraction**  
Kasa N. A., Sel S., Chormey D. S., BAKIRDERE S.  
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- CCXXV. Accurate and sensitive determination of lead in black tea samples using cobalt magnetic particles based dispersive solid-phase microextraction prior to slotted quartz tube-flame atomic absorption**

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Akkaya E., Erulas F. A., Büyükpınar Ç., BAKIRDERE S.

Food Chemistry, cilt.297, 2019 (SCI-Expanded)

- CCXXVI. **Determination of lead in milk samples using vortex assisted deep eutectic solvent based liquid phase microextraction-slotted quartz tube-flame atomic absorption spectrometry system**  
Borahan T., Unutkan T., Turan N. B., Turak F., Bakirdere S.

FOOD CHEMISTRY, cilt.299, 2019 (SCI-Expanded)

- CCXXVII. **Determination of endocrine disruptive phenolic compounds by gas chromatography mass spectrometry after multivariate optimization of switchable liquid-liquid microextraction and assessment of green profile**  
Karayaka S., Chormey D. S., Firat M., BAKIRDERE S.

Chemosphere, cilt.235, ss.205-210, 2019 (SCI-Expanded)

- CCXXVIII. **Application of supercritical gel drying method on fabrication of mechanically improved and biologically safe three-component scaffold composed of graphene oxide/chitosan/hydroxyapatite and characterization studies**  
Yilmaz P., Öztürk Er E., Bakirdere S., Ülgen K., Özbek B.

Journal of Materials Research and Technology, cilt.8, ss.5201-5216, 2019 (SCI-Expanded)

- CCXXIX. **Determination of glycine in body fluids at trace levels using the combination of quadrupole isotope dilution strategy and Liquid Chromatography-Quadrupole Time of Flight-Tandem Mass Spectrometry**  
Tekin Z., Er E. O., BAKIRDERE S.  
MEASUREMENT, cilt.146, ss.606-612, 2019 (SCI-Expanded)

- CCXXX. **Simultaneous determination of drug active compound, hormones, pesticides, and endocrine disruptor compounds in wastewater samples by GC-MS with direct calibration and matrix matching strategies after preconcentration with dispersive liquid-liquid microextraction**  
Koçoğlu E. S., Sözüdoğru O., Komesli O. T., Yilmaz A. E., Bakirdere S.

Environmental Monitoring and Assessment, cilt.191, sa.11, 2019 (SCI-Expanded)

- CCXXXI. **Determination of trace nickel in spinach samples using the combination of vortex-assisted deep eutectic solvent-based liquid phase microextraction and slotted quartz tube-flame atomic absorption spectrometry**  
Alacakoc B., Tekin Z., UNUTKAN T., ÇETİN G., BAKIRDERE S.

Atomic Spectroscopy, cilt.40, sa.6, ss.233-237, 2019 (SCI-Expanded)

- CCXXXII. **Determination of micropollutants in wastewater matrix using gas chromatography-mass spectrometry after optimization of dispersive liquid-liquid microextraction**  
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- CCXXXIII. **Radiation interaction parameters for blood samples of breast cancer patients: an MCNP study**  
Toker O., Caglar M., Öz E., Bakirdere S., Topdağı Ö., Eyecioglu O., İçelli O.  
RADIATION AND ENVIRONMENTAL BIOPHYSICS, cilt.58, sa.4, ss.531-537, 2019 (SCI-Expanded)

- CCXXXIV. **Determination of palladium in soil samples by slotted quartz tube-flame atomic absorption spectrophotometry after vortex-assisted ligandless preconcentration with magnetic nanoparticle-based dispersive solid-phase microextraction.**  
Aylin K., Sel S., Özkan B., Bakirdere S.

Environmental monitoring and assessment, cilt.191, ss.692, 2019 (SCI-Expanded)

- CCXXXV. **Experimental design of switchable solvent-based liquid phase microextraction for the accurate determination of etrimfos from water and food samples at trace levels by GC-MS**  
Firat M., Chormey D. S., Bakirdere S., Turak F.

Environmental Monitoring and Assessment, cilt.191, 2019 (SCI-Expanded)

- CCXXXVI. **Binary dispersive liquid-liquid microextraction strategy for accurate and precise determination of micropollutants in lake, well and wastewater matrices**  
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- Bulletin Of Environmental Contamination And Toxicology, cilt.103, ss.841-847, 2019 (SCI-Expanded)
- CCXXXVII. **Determination of butyltin compounds in fish and mussel samples at trace levels by vortex assisted dispersive liquid-liquid microextraction-gas chromatography mass spectrometry**  
Erarpas S., Bodur S., Öz E., Bakirdere S.  
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- CXXXVIII. **Application of Supercritical Gel Drying Method on Fabrication of Mechanically Improved and Biologically Safe Three-Component Scaffold Composed of Graphene Oxide/Chitosan/Hydroxyapatite and Characterization Studies (Article in Press)**  
Yilmaz P., Öztürk Er E., Bakirdere S., Ülgen Ş. K., Özbek B.  
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, cilt.1, sa.1, ss.1-16, 2019 (SCI-Expanded)
- CCXXXIX. **Determination of Vitamin B12 and cobalt in egg yolk using vortex assisted switchable solvent based liquid phase microextraction prior to slotted quartz tube flame atomic absorption spectrometry**  
Tekin Z., ERARPAT S., Şahin A., Chormey D. S., BAKIRDERE S.  
FOOD CHEMISTRY, cilt.286, ss.500-505, 2019 (SCI-Expanded)
- CCXL. **Accurate and Sensitive Determination Method for Procymidone and Chlorflurenol in Municipal Wastewater, Medical Wastewater and Irrigation Canal Water by GC-MS After Vortex Assisted Switchable Solvent Liquid Phase Microextraction**  
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- CCXLI. **Magnetic cobalt particle-assisted solid phase extraction of tellurium prior to its determination by slotted quartz tube-flame atomic absorption spectrophotometry**  
Özdoğan N., Kapukiran F., ÖZTÜRK ER E., BAKIRDERE S.  
Environmental Monitoring and Assessment, cilt.191, sa.6, 2019 (SCI-Expanded)
- CCXLII. **Development of an analytical method based on citric acid coated magnetite nanoparticles assisted dispersive magnetic solid-phase extraction for the enrichment and extraction of sildenafil, tadalafil, vardenafil and avanafil in human plasma and urine prior to determination by LC-MS/MS**  
Er E., Akkaya E., Özbek B., Bakirdere S.  
Microchemical Journal, cilt.147, ss.269-276, 2019 (SCI-Expanded)
- CCXLIII. **Accurate, sensitive, and precise determination of cobalt in soil matrices by the combination of batch type gas-liquid separator-assisted photochemical vapor generation and atomic absorption spectrophotometry**  
büyükpinar C., SAN N., KOMESLİ O. T., bakirdere S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.191, sa.5, 2019 (SCI-Expanded)
- CCXLIV. **Simultaneous determination of 4-tert-octylphenol, chlorpyrifos-ethyl and penconazole by GC-MS after sensitive and selective preconcentration with stearic acid coated magnetic nanoparticles**  
Akkaya E., Bozyigit G., BAKIRDERE S.  
MICROCHEMICAL JOURNAL, cilt.146, ss.1190-1194, 2019 (SCI-Expanded)
- CCXLV. **Ultrasound-assisted dispersive solid phase extraction based on Fe3O4/reduced graphene oxide nanocomposites for the determination of 4-tert octylphenol and atrazine by gas chromatography mass spectrometry**  
Er E., ÇAĞLAK A., Engin G., BAKIRDERE S.  
MICROCHEMICAL JOURNAL, cilt.146, ss.423-428, 2019 (SCI-Expanded)
- CCXLVI. **Ultrasound assisted deep eutectic solvent based microextraction-slotted quartz tube-flame atomic absorption spectrometry for the determination of cadmium**  
UNUTKAN T., Tışlı B., Tekin Z., ÇETİN G., BAKIRDERE S.  
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, cilt.155, ss.1-3, 2019 (SCI-Expanded)
- CCXLVII. **Simultaneous Determination of Fluoxetine, Estrone, Pesticides, and Endocrine Disruptors in Wastewater by Gas Chromatography-Mass Spectrometry (GC-MS) Following Switchable Solvent-Liquid Phase Microextraction (SS-LPME)**  
ERARPAT S., ÇAĞLAK A., BODUR S., Chormey S. D., Engin G., BAKIRDERE S.  
ANALYTICAL LETTERS, cilt.52, sa.5, ss.869-878, 2019 (SCI-Expanded)

- CCXLVIII. **Sensitive and Accurate Determination of Cobalt at Trace Levels by Slotted Quartz Tube-Flame Atomic Absorption Spectrometry Following Preconcentration with Dispersive Liquid-Liquid Microextraction**  
Deniz S., Kasa A., Sel S., Buyukpinar C., Bakirdere S.  
ANALYTICAL LETTERS, cilt.52, ss.745-753, 2019 (SCI-Expanded)
- CCXLIX. **Evaluation of magnetic field assisted sun drying of food samples on drying time and mycotoxin production**  
Nuroglu E., Öz E., Bakirdere S., Bursalioglu E. O., Kavanoz H. B., İçelli O.  
INNOVATIVE FOOD SCIENCE & EMERGING TECHNOLOGIES, cilt.52, ss.237-243, 2019 (SCI-Expanded)
- CCL. **Accurate and sensitive determination of harmful aromatic amine products of azo dyes in wastewater and textile samples by GC-MS after multivariate optimization of binary solvent dispersive liquid-liquid microextraction**  
Özkan B. Ç., Fırat M., Chormey D. S., BAKIRDERE S.  
MICROCHEMICAL JOURNAL, cilt.145, ss.84-89, 2019 (SCI-Expanded)
- CCLI. **Simultaneous Determination of Chromium Species in Water and Plant Samples at Trace Levels by Ion Chromatography-Inductively Coupled Plasma-Mass Spectrometry**  
Sel S., Erulaş A. F., Turak F., Bakirdere S.  
ANALYTICAL LETTERS, cilt.52, sa.5, ss.761-771, 2019 (SCI-Expanded)
- CCLII. **Determination of Bismuth in Bottled and Mineral Water Samples at Trace Levels by T-Shaped Slotted Quartz tube-Atom Trap-Flame Atomic Absorption Spectrometry**  
Bodur S., ERARPAT S., Chormey D. S., BÜYÜKPINAR Ç., BAKIRDERE S.  
ANALYTICAL LETTERS, cilt.52, sa.3, ss.539-548, 2019 (SCI-Expanded)
- CCLIII. **A rapid and sensitive reversed phase-HPLC method for simultaneous determination of ibuprofen and paracetamol in drug samples and their behaviors in simulated gastric conditions**  
Borahan T., UNUTKAN T., Şahin A., BAKIRDERE S.  
Journal of Separation Science, cilt.42, sa.3, ss.678-683, 2019 (SCI-Expanded)
- CCLIV. **Accurate and Sensitive Analytical Strategy for the Determination of Antimony: Hydrogen Assisted T-Shaped Slotted Quartz Tube-Atom Trap-Flame Atomic Absorption Spectrometry**  
UNUTKAN T., KOYUNCU İ., Diker C., Fırat M., Büyükpınar Ç., BAKIRDERE S.  
Bulletin of Environmental Contamination and Toxicology, cilt.102, sa.1, ss.122-127, 2019 (SCI-Expanded)
- CCLV. **Switchable solvent liquid-phase microextraction-gas chromatography-quadrupole isotope dilution mass spectrometry for the determination of 4-n-nonylphenol in municipal wastewater**  
ERARPAT S., Bodur S., Chormey D. S., BAKIRDERE S.  
Microchemical Journal, cilt.144, ss.1-5, 2019 (SCI-Expanded)
- CCLVI. **Determination of Se, Cr, Mn, Zn, Co, Na, and K in Blood Samples of Breast Cancer Patients to Investigate Their Variation Using ICP-MS and ICP-OES**  
Toker O., Topdağı Ö., Bakirdere S., Bursalioglu E. O., Öz E., Eyecoglu O., Karabul Y., Çağlar M., İçelli O.  
ATOMIC SPECTROSCOPY, cilt.40, ss.11-16, 2019 (SCI-Expanded)
- CCLVII. **Accurate and sensitive determination of sildenafil, tadalafil, vardenafil, and avanafil in illicit erectile dysfunction medications and human urine by LC with quadrupole-TOF-MS/MS and their behaviors in simulated gastric conditions**  
Öztürk Er E., Özbek B., Bakirdere S.  
JOURNAL OF SEPARATION SCIENCE, cilt.42, ss.475-483, 2019 (SCI-Expanded)
- CCLVIII. **Trace level determination of cadmium in different water matrices and rose hip tea sample by dispersive liquid-liquid microextraction slotted quartz tube flame atomic absorption spectrometry after complexation with a new imidazole-based ligand**  
Yazici E., Fırat M., Chormey D. S., Budak T. B., Sahin Ç., TURAK F., BAKIRDERE S.  
Atomic Spectroscopy, cilt.40, sa.1, ss.24-30, 2019 (SCI-Expanded)
- CCLIX. **A novel analytical method for the determination of cadmium in sorrel and rocket plants at ultratrace levels: Magnetic chitosan hydrogels based solid phase microextraction-slotted quartz tube-flame atomic absorption spectrophotometry**  
Er E., Maltepe E., BAKIRDERE S.

- MICROCHEMICAL JOURNAL, cilt.143, ss.393-399, 2018 (SCI-Expanded)
- CCLX. **Accurate determination of pesticides, hormones and endocrine disruptor compounds in complex environmental samples using matrix dilution and matrix matching with dispersive liquid-liquid microextraction**  
Chormey D. S., Fırat M., Büyükpınar Ç., Erulaş A. F., Komesli O. T., Turak F., Bakırdere S.  
PURE AND APPLIED CHEMISTRY, cilt.90, ss.1703-1711, 2018 (SCI-Expanded)
- CCLXI. **Multivariate Optimization of Binary Solvent Microextraction for the Simultaneous Determination of Endocrine Disruptive Phenolic Compounds and Organochlorine Pesticides in Wastewater and Sludge Samples by GC-MS**  
Chormey D. S., Fırat M., Bakırdere S.  
Water, Air, and Soil Pollution, cilt.229, 2018 (SCI-Expanded)
- CCLXII. **Simultaneous determination of iprodione, procymidone, and chlorflurenol in lake water and wastewater matrices by GC-MS after multivariate optimization of binary dispersive liquid-liquid microextraction**  
Ozdogan N., Kapukiran F., MUTLUOGLU G., Chormey D. S., BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.190, sa.10, 2018 (SCI-Expanded)
- CCLXIII. **A new combination for the determination of ultratrace cadmium: solid-phase microextraction by stearic acid-coated magnetic nanoparticles prior to batch-type hydride generation atomic absorption spectrometry**  
KASA N. A., AKKAYA E., ZAMAN B. T., Cetin G., BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.190, sa.10, 2018 (SCI-Expanded)
- CCLXIV. **Sensitive determination of cadmium in lake water, municipal wastewater and onion samples by slotted quartz tube-flame atomic absorption spectrometry after preconcentration with microextraction strategy**  
KAFA E. B., Fırat M., Chormey D. S., TURAK F., BAKIRDERE S.  
MEASUREMENT, cilt.125, ss.219-223, 2018 (SCI-Expanded)
- CCLXV. **Simultaneous Determination of Phorate and Oxyfluorfen in Well Water Samples with High Accuracy by GC-MS After Binary Dispersive Liquid-Liquid Microextraction**  
Alkan E., Kapukiran F., Er E., Chormey D. S., Keyf S., Ozdogan N., Bakırdere S.  
WATER AIR AND SOIL POLLUTION, cilt.229, 2018 (SCI-Expanded)
- CCLXVI. **Development of a sensitive analytical method for the determination of cadmium using hydrogen assisted T-shape slotted quartz tube-atom trap-flame atomic absorption spectrophotometry**  
Şahin I., Buyukpinar C., SAN N., BAKIRDERE S.  
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, cilt.147, ss.9-12, 2018 (SCI-Expanded)
- CCLXVII. **Determination of indium using vortex assisted solid phase microextraction based on oleic acid coated magnetic nanoparticles combined with slotted quartz tube-flame atomic absorption spectrometry**  
Celik B., Akkaya E., BAKIRDERE S., Aydin F.  
MICROCHEMICAL JOURNAL, cilt.141, ss.7-11, 2018 (SCI-Expanded)
- CCLXVIII. **Trace determination of nickel in water samples by slotted quartz tube-flame atomic absorption spectrometry after dispersive assisted simultaneous complexation and extraction strategy**  
Özzyebek 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)
- CCLXIX. **A sensitive and selective analytical method for the simultaneous determination of sildenafil and tadalafil in water, energy drinks and sewage sludge matrices by LC-QTOF-MS/MS**  
Er E., Özbeck B., Bakırdere S.  
MEASUREMENT, cilt.124, ss.64-71, 2018 (SCI-Expanded)
- CCLXX. **Selenium speciation in chicken breast samples from inorganic and organic selenium fed chickens using high performance liquid chromatography-inductively coupled plasma-mass spectrometry**  
BAKIRDERE S., VOLKAN M., ATAMAN O. Y.  
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- CCLXXI. **Correlation between Na/K ratio and electron densities in blood samples of breast cancer patients**  
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## **Düger Dergilerde Yayınlanan Makaleler**

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- XLIII. Enhancing the accuracy and precision in quantifying the pesticides present in complex**

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- XLIV. The Device Design for Thin-Film Coating That Combines Different Techniques for High Efficiency**  
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Borahan T., UNUTKAN T., Bakariki Turan N., TURAK F., BAKIRDERE S.

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- XLVI. Sensitive and Accurate Determination of Butyltin Compounds in Fish and MusselSamples by Vortex Assisted Dispersive Liquid-Liquid Microextraction-Gas ChromatographyMass Spectrometry**  
Erarpat S., Bodur S., Öz E., Bakırdere S.

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Sel S., Bakırdere S.

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- XLIX. Determination of Lead at Trace Levels in Red Pepper Sample by Atomic Absorption Spectrophotometry Combined with Slotted Quartz Tube After Stearic Acid Coated Magnetic Nanoparticle Based Dispersive Solid Phase Microextraction**  
Zaman B. T., Erulaş F. A., BAKIRDERE S.

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- L. 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.

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Koçoğlu E. S., Sözüdoğru O., Komesli O. T., Yılmaz A. E., Öztürk Er E., Bakırdere S.

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- LII. Solid Phase Microextraction Strategies in the Determination of Organic/Inorganic Analytes**  
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- LIV. **Simultaneous Determination of Four Endocrine Disrupting Compounds with Gas Chromatography-Flame Ionization Detector after Binary Solvent Liquid-Liquid Microextraction in Well and Hospital Wastewater Samples**

Yaman B., Dilgin Y., Zaman B. T., Chormey D. S., BAKIRDERE S.

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- LVII. **Determination of trace amounts of gold in gold recovery bath using dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry**

Terzioğlu D., Fırat M., Chormey D. S., BAKIRDERE S.

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- LVIII. **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 stractegy**

Özzyebek G., Alacakoç B., Kocabas M. Y., BAKIRDERE E. G., Chormey D. S., BAKIRDERE S.

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- LIX. **Determination of Selected PDE-5 Inhibitors in Human Urine by LC-QTOFMS/MS after Citric Acid Coated Magnetic Nanoparticle Assisted Phase Microextraction**

ÖZTÜRK ER E., AKKAYA E., ÖZBEK B., BAKIRDERE S.

11th Aegean Analytical Chemistry Days (AACD 2018), Crete, Yunanistan, 25 Eylül 2018, ss.48

- LX. **Development of a Sensitive and Accurate Dispersive Liquid – Liquid Microextraction Method for the Determination of Hydroxymethylfurfural in Honey Samples by HPLC after the Optimization by BoxBehnken Design**

YILMAZ Ö., KOÇOĞLU E. S., BAKIRDERE S.

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- LXI. **Accurate and sensitive simultaneous determination of drug active compound, pesticides, hormones and endocrine disruptor compounds in wastewater samples using GC-MS after dispersive liquid-liquid microextraction**

Koçoğlu E. S., Sözüdoğru O., Komesli O. T., Yilmaz A. E., Bakırdere S.

11th Aegean Analytical Chemistry Days (AACD2018), Hania, Yunanistan, 25 Eylül 2018

- LXII. **Determination of cadmium in tap, sea and waste water samples by vortex assisted dispersive liquid-liquid solidified floating organic drop microextraction and slotted quartz tube FAAS after complexation with an imidazole based ligand**

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- LXIII. **Analytical strategies to obtain lower detection limits**

BAKIRDERE S.

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- LXIV. **Switchable solvent liquid-phase microextraction-gas chromatography-quadrupole isotope dilution mass spectrometry for the determination of 4-n-nonylphenol in municipal waste water**

ERARPAT S., Bodur S., Chormey D. S., BAKIRDERE S.

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- LXV. **Development of simultaneous determination method for selected pharmaceuticals and pesticides in wastewater by GC-MS to build up the treatment strategies**  
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- LXVI. **A rapid and sensitive RP-HPLC method for simultaneous determination of ibuprofen and paracetamol in drug samples and their behaviour in simulated gastric conditions**  
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- LXVII. **Multivariate optimization of sonication assisted binary solid phase microextraction based on oleic and stearic acid coated magnetite nanoparticles for the determination of endocrine disruptive compounds in aqueous medium by GC-MS**  
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- LXVIII. **Accurate and sensitive analytical strategy for the determination of trace antimony: Hydrogen assisted T-shaped slotted quartz tube-atom trap-flame atomic absorption spectrometry**  
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- LXIX. **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., BAKİRDERE E. G., BAKİRDERE S.  
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- LXX. **Simultaneous determination of procymidone, chlorflurenol and iprodione in wastewater and lake water by GC-MS after experimental design of binary dispersive liquid-liquid microextraction**  
Özdoğan N., Kapukiran F., Chormey D. S., BAKİRDERE S.  
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- LXXI. **Multivariate optimization of switchable solvent liquid phase microextraction for the determination of etrimfos in lake and well water by GC-MS**  
Fırat M., Chormey D. S., BAKİRDERE S., TURAK F.  
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- LXXII. **Analytical strategies to obtain lower detection limits, 11th Aegean Analytical Chemistry Days**  
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- LXXIII. **Determination of bismuth in bottled water and mineral water samples at trace levels by T-shaped slotted quartz tube-atom trap-flame atomic absorption spectrometry**  
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- LXXIV. **Production and characterization studies of a three-component scaffold composed of hydroxyapatite-graphene oxide-chitosan for bone tissue engineering applications**  
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- LXXV. **Toxicity Effect Investigation of Graphene Oxide Addition into a Three-Component Scaffold Composed of Hydroxyapatite-Graphene Oxide-Chitosan for Bone Tissue Engineering Applications**  
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- LXXVI. **Nikelin dağıtıcı sıvı sıvı mikroekstraksiyon sonrası yarıklı kuartz tüp alevli atomik absorpsiyon spektrofotometresi ile eser seviyelerde tayini**  
Yolcu Ş. M., Fırat M., Chormey D. S., BÜYÜKPınar Ç., TURAK F., BAKİRDERE S.  
International Trace Analysis Congress (ITAC2018), Sivas, Türkiye, 20 Haziran 2018
- LXXVII. **Kurşun elementinin manyetik nanopartikül yardımıyla önderleştirilme sonrası SQT-FAAS cihazıla eser**

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- XC. Matrix Matching and Matrix Dilution for the Accurate Determination of Pesticides, Hormones and Endocrine Disruptor Compounds in Complex Matrices**  
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- XCI. Determination of Copper at Trace Levels in Mineral Water Samples by Slotted Quartz Tube Atomic Absorption Spectrometry after Dispersive Liquid-Liquid Microextraction**  
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- XCVI. Sensitive Determination of Lead using Slotted Quartz T Tube-Atom Trap-Flame Atomic Absorption Spectrometry**  
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- XCVII. Development of a Photochemical Vapor Generation-Batch Type Ultrasonication Assisted Gas Liquid Separator- Atomic Absorption Spectrometry Method for the Trace Determination of Nickel in Soil and Water Samples**  
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- XCVIII. Sensitive Determination of Cadmium Using Solidified Floating Organic Drop Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry**  
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- XCIX. A Novel Liquid-Liquid Extraction for the Determination of Sertraline in Tap Water and Waste Water Samples at Trace Levels by GC-MS**  
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- C. Dispersive Liquid-Liquid Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry for the Sensitive Determination of Lead in Mussel and Sea Water Samples**  
Özzyebek G., ERARPAT S., Chormey D. S., BAKIRDERE S.  
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- CI. Determination of cadmium in drinking and wastewater by dispersive liquid-liquid microextraction slotted quartz tube flame atomic absorption spectrometry system after complexation with a new imidazole based ligand**  
Yazıcı E., Bakirdere S., Fırat M., Chormey D. S., Turak F., Şahin Ç., Budak T.  
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- CII. Antimonun Yarıklı Kuartz Tüp-Alevli Atomik Absorpsiyon Sistemi ile Düşük Seviyelerde Tayini**

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- CIII. **A Novel Liquid-Liquid Extraction for the Determination of Naphthalene in Tap Water at Trace Levels by GC-MS with Deuterated Anthracene as Internal Standard**  
ERARPAT S., Özzyebek G., Chormey D. S., Erulaş F., TURAK F., BAKIRDERE S.  
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- CIV. **Volatile Compound Generation Strategies in Analytical Chemistry**  
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- CV. **Simultaneous Determination of Sildenafil and Tadalafil in Legal, Illicit/Counterfeit Drugs and Waste Water Samples by High Performance Liquid Chromatography**  
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- CVI. **Simultaneous Determination of Selected Hormones, Endocrine Disruptive Compounds and Pesticides in Water Samples by GC-MS after Dispersive Liquid-Liquid Microextraction**  
Chormey D. S., TURAK F., BOZDOĞAN A. E., Komesli O. T., BÜYÜKPınAR Ç., BAKIRDERE S.  
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- CVII. **Determination of Trace Amount of Cadmium using Dispersive Liquid Liquid Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry**  
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- CVIII. **Development of an Analytical Method for the Determination of Valsartan in Commercial Drug and Sewage Sludge Samples by HPLC, and Evaluation of its Stability under Simulated Gastric System**  
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- CIX. **Optimization of a Closed Batch Vessel Hydride Generation Atomic Absorption Spectrometry Method for the Determination of Lead in Drinking and Waste Water Samples at Trace Levels**  
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- CX. **Development of an Analytical Method for the Determination of Amoxicillin in Commercial Drugs and Wastewater Samples, and Assessing its Stability in Simulated Gastric Digestion**  
Unutkan T., Koçoğlu E. S., Bakirdere S., Keyf S.  
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- CXI. **SERTRALİNİN GC-MS SİSTEMİNDE DÜŞÜK SEVİYELERDE TAYİNİNÉ YÖNELİK ANALİTİK YÖNTEM GELİŞTİRİLMESİ VE YAPAY MİDE ORTAMINDAKİ KARARLILIĞININ TESPİT EDİLMESİ**  
Koçoğlu E. S., Bakirdere S., Keyf S.  
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- CXII. **Çevre Örneklerinde Cr(III) Ve Cr(VI) Türlerinin IC-ICP-MS Sisteminde Eser Seviyelerde Eşzamanlı Tayinleri**  
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- CXIII. **Determination of Radiation Shielding and Dielectric Properties on Sodium Silicate/Tungsten Glass Structure**  
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- CXIV. **Magnetic Field Effect on Electrical Properties of Conducting PANI/Cu Composites**  
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- CXV. **Quorum Quenching For Biofilm Formation Prevention**

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- CXVI. **The Study of the Electron Densities of Some Food Products for Different Drying Technics**  
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- CXVIII. **Correlation between ratio of Na/K, Se/Zn, K/P, Cu/Zn, Se/Fe, Ca/P at breast cancer patients' blood samples which exposed to radiation and their electron density**  
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- CXIX. **Seltuğ D Bakırdere S Turgay N Ö Büyükpınar Ç Akdeniz İ Aksakal B Türk Makam Müziğinde Taş Plakaların Rolü Plakaların Fiziksel Kimyasal Analizleri ve Sonuçların Ses Kalitesiyle İlişkisi 29 31 Mayıs 2015 Elazığ**  
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- CXX. **Türk Makam Müziğinde Taş Plakaların Rolü, Plakaların Fiziksel/Kimyasal Analizleri ve Sonuçların Ses Kalitesiyle İlişkisi**  
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- CXXI. **Comparison of EDCs Removal in Full and Pilot Scale Membrane Bioreactor Plants: Effect of flux rate on EDCs removal in short SRT**  
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- CXXII. **İçme sularındaki eser miktardaki bakır tayini için yeni bir yöntem**  
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- CXXIII. **Su örneklerinde bulunan arsenik, kadmiyum ve kurşunun optimize edilmiş Pd-Mg ve Ni matriks modifierli grafit fıraklı atomik absorpsiyon spektrofotometre sistemi ile eser seviyelerdeki tayinleri**  
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- CXXV. **In situ atom trapping of Bi on W coated Slotted Quartz Tube Atomic Absorption Spectrometry**  
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- CXXVI. **Atık su arıtma tesislerinden alınan su örneklerinde doğal hormonların ve endokrin bozucu maddelerin katı faz ekstraksiyonundan sonra LC-ESI-MS/MS sistemi ile eşzamanlı tayinleri**  
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- CXXVII. **Inorganik antimony speciation using tungsten coil atom trap and Hydride Generation Atomic Absorption Spectrometry**  
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- CXXVIII. **ICPMS ile güvenilir bor tayini için örneklerden karbon uzaklaştırma çalışmaları**  
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- CXXIX. **ICPMS ile prostat kanserli doku örneklerinde selenyum ve kadmiyum tayini**  
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- CXXX. **Yarıklı kuvars tüp-Atomik Absorpsiyon Spektrometri ile bizmut tayini**  
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- CXXXI. **Determination of As, Cd and Se in Anatolian spices by inductively coupled plasma mass-spectrometry**  
Şenol F., Bakırdere S., Aydin F., Ataman O. Y.  
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- CXXXII. **Tellerium speciation using hydride generation atomic absorption spectrometry and In-Situ graphite cuvette trapping**  
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- CXXXIII. **Boron determination in human blood by ICP-MS**  
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- CXXXIV. **Determination of thiols in biological samples using HPLC-ICP-MS and HPLC-Orbitrap MS**  
Bakırdere S., Bramanti E., D'Ulivio A., Ataman O. Y., Mester Z.  
5. Ulusal Analitik Kimya Kongresi, Erzurum, Türkiye, 21 - 25 Haziran 2010, ss.50
- CXXXV. **Havafiltresi örneklerinde ICP-OES ile bor tayini**  
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- CXXXVI. **Semen örneklerinde ICP-MS ile bor tayini**  
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5. Ulusal Analitik Kimya Kongresi, Erzurum, Türkiye, 21 - 25 Haziran 2010, ss.215
- CXXXVII. **Development of a sensitive analytical method for thallium determination using slotted tube atom trap and atomic absorption spectrometry**  
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- CXXXVIII. **Interference studies for lead determination by Ta coated slotted tube-atom trap-flame atomic absorption spectrometry**  
Demirtaş İ., Bora S., Bakırdere S., Ataman O. Y.  
5th Black Sea Basin Conference on Analytical Chemistry, Ordu, Türkiye, 23 - 26 Eylül 2009, ss.52
- CXXXIX. **Determination of lead by in-situ graphite cuvette trapping hydride generation atomic absorption spectrometry**  
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- CXL. **Determination of bismuth using hydride generation-W-Trap-ICPMS**  
Bakırdere S., Yıldırın A., Alp T. N., Ataman O. Y.  
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- CXLI. **HPLC-ICPMS ile selenyum türleme çalışmaları**  
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- CXLIII. **Bor elementinin erkeklerde prostat büyülügü ve alt üriner sistem septomlarına etkisi**  
Müezzinoğlu T., Korkmaz M., Çelen İ., Ataman O. Y., Bora S., Bakırdere S., Lekili M., Keskin S.  
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- CXLIV. **İdrar örneklerinde ICP-OES ile bor tayini**  
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- XI. Ulusal Spektroskopi Kongresi, Ankara, Türkiye, 23 - 26 Haziran 2009, ss.81
- CXLV. **Gıda örneklerinde ICPMS ile bor tayini**  
Karaman G., Atakol A., Bora S., Njie N., Yıldırım E., Bakırdere S., Ataman O. Y.  
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