

## Prof.Dr. Sezgin BAKIRDERE

### Kişisel Bilgiler

E-posta: bsezgin@yildiz.edu.tr

Web: <https://avesis.yildiz.edu.tr/bsezgin>

### 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 Absorpsiyon 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

Yıldız Teknik Üniversitesi, Uygulamalı Bilimler Fakültesi, 2017 - Devam Ediyor

Yıldız Teknik Üniversitesi, Bilim Ve Teknoloji Uygulama Ve Araştırma Merkezi, 2016 - Devam Ediyor

Yıldız Teknik Üniversitesi, Rektörlük, 2016 - Devam Ediyor

## 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., Uçucu Bileşen Oluşturma Alevli Atomik Absorpsiyon Sistemine 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.TIŞLI(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 sıvılarında 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., Acı biber örneklerinde kapsaisin tayinine yönelik özgün mikroekstraksiyon yöntemleri geliştirilmesi, Yüksek Lisans, İ.ŞAHİN(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 Matrislerde 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.ÖZTÜRK(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 dağıtıcı 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

Bakırdere S., Determination of trace and ultratrace cadmium in different matrices using microextraction strategies and analysis methods, Yüksek Lisans, E.AKKAYA(Öğrenci), 2018

BAKIRDERE S., Eser Analiz ve Türleme Çalışmalarında Kromatografik Yöntemler, Yüksek Lisans, S.Sel(Öğrenci), 2017

BAKIRDERE S., Farklı C/N Oranlarında Çalıştırılan Membran Biyoreaktörlerde Mikrobiyal Tür Analizi Değerlendirilmesi, Doktora, N.Bakaraki(Öğrenci), 2017

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 fiziksel/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 Fiziksel Analizleri ve Tayin Sonuçlarının Ses Kalitesiyle İlişkisi, Yüksek Lisans, D.Seltuğ(Öğrenci), 2016

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

- I. **Surface modified iron magnetic nanoparticles assisted Fenton digestion and extraction method for cadmium determination**  
Ayyıldız M. F. , Saylan M., DALGIÇ BOZYIĞIT G., Chormey D. S. , ÖZDEMİR O. K. , BÜYÜKPINAR Ç., BAKIRDERE S.  
ANALYTICAL BIOCHEMISTRY, cilt.629, 2021 (SCI İndekslerine Giren Dergi)
- II. **Arsenic speciation in rice samples for trace level determination by high performance liquid chromatography-inductively coupled plasma-mass spectrometry**  
Kara S., Chormey D. S. , Saygılar A., BAKIRDERE S.  
FOOD CHEMISTRY, cilt.356, 2021 (SCI İndekslerine Giren Dergi)
- III. **Preconcentration of tellurium using magnetic hydrogel-assisted dispersive solid-phase extraction and its determination by slotted quartz tube-flame atomic absorption spectrophotometry**  
Demir C., ÖZTÜRK ER E., Kartoglu B., Atsever N., YAĞCI Ö., Oner M., BAKIRDERE S.  
CHEMICAL PAPERS, cilt.75, sa.8, ss.4261-4267, 2021 (SCI İndekslerine Giren Dergi)
- IV. **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**  
Öner M., Bodur S., Demir C., Yazıcı E., ERARPAT S., BAKIRDERE S.  
Journal of Food Composition and Analysis, cilt.101, 2021 (SCI İndekslerine Giren Dergi)
- 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, ss.4157-4164, 2021 (SCI İndekslerine Giren Dergi)
- VI. **Quadruple isotope dilution gas chromatography-mass spectrometry after simultaneous derivatization and spraying based fine droplet formation liquid phase microextraction method for the accurate and sensitive quantification of chloroquine phosphate in human serum, urine and saliva samples at trace levels**  
ERARPAT S., Bodur S., Oner M., GÜNKARA Ö. T. , BAKIRDERE S.  
JOURNAL OF CHROMATOGRAPHY A, cilt.1651, 2021 (SCI İndekslerine Giren Dergi)

- VII. **A Sensitive Microextraction Method Using Effervescence Tablets to Disperse Fe<sub>3</sub>O<sub>4</sub> Nanoparticles for Cadmium Determination in Lake Water Samples**  
Borahan T, Karlidag N. E. , Zaman B. T. , BAKIRDERE S.  
CHEMISTRYSELECT, cilt.6, sa.26, ss.6797-6802, 2021 (SCI İndekslerine Giren Dergi)
- VIII. **Sensitive, Accurate and Selective Determination of Cd(II) Using Anodic Stripping Voltammetry With In-situ Hg-Bi Film Modified Pencil Graphite Electrode After Magnetic Dispersive Solid Phase Microextraction**  
Yaman B, Zaman B. T. , BAKIRDERE S., DİLGİN Y.  
ELECTROANALYSIS, 2021 (SCI İndekslerine Giren Dergi)
- IX. **Zirconium Nanoparticles Based Vortex Assisted Ligandless Dispersive Solid Phase Extraction for Trace Determination of Lead in Domestic Wastewater using Flame Atomic Absorption Spectrophotometry**  
Ay E., Tekin Z., ÖZDOĞAN N., BAKIRDERE S.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, 2021 (SCI İndekslerine Giren Dergi)
- X. **Serum Levels of Selected Elements in Patients with Beta Thalassemia Major**  
Sahin A., Er E. O. , ÖZ E., Yildirmak Z. Y. , BAKIRDERE S.  
BIOLOGICAL TRACE ELEMENT RESEARCH, 2021 (SCI İndekslerine Giren Dergi)
- XI. **Accurate and sensitive determination of hydroxychloroquine sulfate used on COVID-19 patients in human urine, serum and saliva samples by GC-MS**  
Bodur S., ERARPAT S., GÜNKARA Ö. T. , BAKIRDERE S.  
Journal of Pharmaceutical Analysis, cilt.11, ss.278-283, 2021 (SCI İndekslerine Giren Dergi)
- XII. **Atrazine: From Detection to Remediation - A Minireview**  
Bakaraki Turan N., Zaman B. T. , Chormey D. S. , Onkal Engin G., BAKIRDERE S.  
ANALYTICAL LETTERS, 2021 (SCI İndekslerine Giren Dergi)
- XIII. **An accurate analytical method for the determination of cadmium: Ultraviolet based photochemical vapor generation-slotted quartz tube based atom trap-flame atomic absorption spectrophotometry**  
BÜYÜKPINAR Ç., Bodur S., Yazici E., Tekin Z., SAN N., KOMESLİ O. T. , BAKIRDERE S.  
MEASUREMENT, cilt.176, 2021 (SCI İndekslerine Giren Dergi)
- XIV. **Determination of pyridaphenthion in soybean sprout samples by gas chromatography mass spectrometry with matrix matching calibration strategy after metal sieve linked double syringe based liquid-phase microextraction**  
Özcan R., Cesur B., Tezgit E., Unutkan Gösterişli T., BAKIRDERE S.  
Food Chemistry, cilt.342, 2021 (SCI İndekslerine Giren Dergi)
- XV. **Accurate Quantification of Nervous System Drugs in Aqueous Samples at Trace Levels by Binary Solvent Dispersive Liquid-Liquid Microextraction-Gas Chromatography Mass Spectrometry**  
Dalgic Bozyigit G., Firat Ayyildiz M., Selali Chormey D., Onkal Engin G., Bakirdere S.  
ENVIRONMENTAL TOXICOLOGY AND CHEMISTRY, 2021 (SCI İndekslerine Giren Dergi)
- XVI. **Determination of Four Priority Polycyclic Aromatic Hydrocarbons in Food Samples by Gas Chromatography - Mass Spectrometry (GC-MS) after Vortex Assisted Dispersive Liquid-Liquid Microextraction (DLLME)**  
Chormey D. S. , Tonbul G., Soylu G., Saygilar A., BAKIRDERE S.  
ANALYTICAL LETTERS, 2021 (SCI İndekslerine Giren Dergi)
- XVII. **Determination of seventeen free amino acids in human urine and plasma samples using quadruple isotope dilution mass spectrometry combined with hydrophilic interaction liquid chromatography – Tandem mass spectrometry**  
ÖZTÜRK ER E., ÖZBEK B., BAKIRDERE S.  
Journal of Chromatography A, cilt.1641, 2021 (SCI İndekslerine Giren Dergi)
- XVIII. **A rapid, sensitive and accurate determination of cobalamin with double monitoring system: HPLC-UV and HPLC-ICP-OES**  
Bodur S., Erarpat S., Balçık U., Bakirdere S.  
Food Chemistry, cilt.340, 2021 (SCI İndekslerine Giren Dergi)

- XIX. **A Simple and Efficient Extraction Method for the Preconcentration of Copper in Tap Water and Linden Tea Samples Prior to FAAS Measurement**  
Demir C., Oner M., Bodur S., Er E. O. , BAKIRDERE S.  
CHEMISTRYSELECT, cilt.6, sa.12, ss.2906-2912, 2021 (SCI İndekslerine Giren Dergi)
- XX. **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, 2021 (SCI İndekslerine Giren Dergi)
- XXI. **Sodium, Magnesium, Calcium, Manganese, Iron, Copper, and Zinc in Serums of Beta Thalassemia Major Patients**  
Şahin A., Er E., Öz E., Yıldırım Z. Y. , Bakırdere S.  
Biological Trace Element Research, cilt.199, sa.3, ss.888-894, 2021 (SCI Expanded İndekslerine Giren Dergi)
- XXII. **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**  
Atsever N., Borahan T., Girgin A., Chormey D. S. , BAKIRDERE S.  
MICROCHEMICAL JOURNAL, cilt.162, 2021 (SCI İndekslerine Giren Dergi)
- XXIII. **Development of an easy and rapid analytical method for the extraction and preconcentration of chloroquine phosphate from human biofluids prior to GC-MS analysis**  
Bodur S., Erarpat S., Günkara Ö. T. , Bakırdere S.  
Journal of Pharmacological and Toxicological Methods, cilt.108, 2021 (SCI İndekslerine Giren Dergi)
- XXIV. **An accurate analytical method for the determination of antimony in tea and tap water samples: photochemical vapor generation-atom trapping prior to FAAS measurement**  
Yazici E., BÜYÜKPINAR Ç., Bodur S., SAN N., KOMESLİ O. T. , BAKIRDERE S.  
CHEMICAL PAPERS, 2021 (SCI İndekslerine Giren Dergi)
- XXV. **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 İndekslerine Giren Dergi)
- XXVI. **Implementation of a spraying-assisted fine droplet formation-based simultaneous liquid-phase microextraction method for the determination of copper in clove extract samples**  
Bakaraki Turan N., Zaman B. T. , Arvas B., Yolaçan Ç., Bakırdere S.  
CHEMICAL PAPERS, 2021 (SCI İndekslerine Giren Dergi)
- XXVII. **Accurate and sensitive determination of cobalt in urine samples using deep eutectic solvent-assisted magnetic colloidal gel-based dispersive solid phase extraction prior to slotted quartz tube equipped flame atomic absorption spectrometry**  
Borahan T., Zaman B. T. , Ozzeybek G., BAKIRDERE S.  
CHEMICAL PAPERS, 2021 (SCI İndekslerine Giren Dergi)
- XXVIII. **A miniaturized spray-assisted fine-droplet-formation-based liquid-phase microextraction method for the simultaneous determination of fenpiclonil, nitrofen and fenoxaprop-ethyl as pesticides in soil samples**  
Turan N. B. , BAKIRDERE S.  
Rapid Communications in Mass Spectrometry, cilt.35, sa.1, 2021 (SCI İndekslerine Giren Dergi)
- XXIX. **Effervescence-assisted liquid phase microextraction prior to slotted quartz tube-flame atomic absorption spectrometry for cadmium determination in domestic wastewater samples**  
Borahan T., Karlıdağ N. E. , YAĞCI Ö., BAKIRDERE S.  
Chemical Papers, 2021 (SCI Expanded İndekslerine Giren Dergi)
- XXX. **Dispersive Liquid-Liquid Microextraction Based Preconcentration of Selected Pesticides and Escitalopram Oxalate, Haloperidol, and Olanzapine from Wastewater Samples Prior to Determination**

by GC-MS

DALGIÇ BOZYIĞİT G., Ayyıldız M. F. , Chormey D. S. , ENGİN G., BAKIRDERE S.

JOURNAL OF AOAC INTERNATIONAL, cilt.104, sa.1, ss.91-97, 2021 (SCI İndekslerine Giren Dergi)

- XXXI. **Nanoparticles Based Extraction Strategies for Accurate and Sensitive Determination of Different Pesticides**  
Erarpat S., Bodur S., Bakirdere S.  
CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, 2021 (SCI İndekslerine Giren Dergi)
- XXXII. **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**  
Ercan M. S. F. , Ayyıldız M. F. , Chormey D. S. , BAKIRDERE S.  
Environmental Monitoring and Assessment, cilt.193, sa.1, 2021 (SCI İndekslerine Giren Dergi)
- XXXIII. **A primary reference method for the characterization of Cd, Cr, Cu, Ni, Pb and Zn in a candidate certified reference seawater material: TEA/Mg(OH)<sub>2</sub> assisted ID3MS by triple quadrupole ICP-MS/MS**  
Arı B., BAKIRDERE S.  
Analytica Chimica Acta, cilt.1140, ss.178-189, 2020 (SCI İndekslerine Giren Dergi)
- XXXIV. **Accurate, sensitive determination of omega-6 and omega-3 polyunsaturated fatty acids in human plasma, urine samples**  
Öztürk Er E., Sahin A., Bakirdere S.  
Biomedical Chromatography, cilt.34, 2020 (SCI Expanded İndekslerine Giren Dergi)
- XXXV. **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 İndekslerine Giren Dergi)
- XXXVI. **A sensitive determination method for trace bisphenol A in bottled water and wastewater samples: Binary solvent liquid phase microextraction-quadrupole isotope dilution-gas chromatography-mass spectrometry**  
Bodur S., Erarpat S., Dalgıç Bozyiğit G., Selali Chormey D., Öz E., Özdoğan N., Bakirdere S.  
Microchemical Journal, cilt.159, 2020 (SCI İndekslerine Giren Dergi)
- XXXVII. **Determination of fipronil and bixafen pesticides residues using gas chromatography mass spectroscopy with matrix matching calibration strategy after binary dispersive liquid-liquid microextraction**  
Ozcan R., Buyukpinar C., BAKIRDERE S.  
JOURNAL OF ENVIRONMENTAL SCIENCE AND HEALTH PART B-PESTICIDES FOOD CONTAMINANTS AND AGRICULTURAL WASTES, cilt.55, sa.12, ss.1041-1047, 2020 (SCI İndekslerine Giren Dergi)
- XXXVIII. **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**  
Ebrar K., Seda K., Toprak M., Yilmaz O., Bakirdere S.  
FOOD CHEMISTRY, cilt.329, 2020 (SCI İndekslerine Giren Dergi)
- XXXIX. **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**  
Kasa N. A. , Zaman B. T. , BAKIRDERE S.  
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, cilt.35, sa.11, ss.2565-2572, 2020 (SCI İndekslerine Giren Dergi)
- XL. **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**  
Maltepe E., ÖZTÜRK ER E., BAKIRDERE S.

MICROCHEMICAL JOURNAL, cilt.158, 2020 (SCI İndekslerine Giren Dergi)

- XLII. **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 İndekslerine Giren Dergi)
- XLIII. **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**  
Şaylan M., Er E., Tekin Z., BAKIRDERE S.  
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, cilt.239, 2020 (SCI İndekslerine Giren Dergi)
- XLIV. **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**  
Dikmen Y., Guleryuz A., Metin B., Bodur S., Oner M., BAKIRDERE S.  
JOURNAL OF MASS SPECTROMETRY, cilt.55, sa.10, 2020 (SCI İndekslerine Giren Dergi)
- XLV. **Accurate and simple determination of oxcarbazepine in human plasma and urine samples using switchable-hydrophilicity solvent in GC-MS**  
Erarpat S., Bodur S., Ayyıldız M. F. , Günkara Ö. T. , Erulaş F., Chormey D. S. , Turak F., Budak T., Bakırdere S.  
BIOMEDICAL CHROMATOGRAPHY, cilt.34, sa.10, 2020 (SCI İndekslerine Giren Dergi)
- XLVI. **Feasibility Studies on the Effect of Natural Plant Compounds on Sludge Characteristics in a Batch-Type Aerobic Reactor and N-butyryl-L Homoserine Lactone**  
Turan N. B. , Erkan H., Chormey D. S. , Çağlak A., Bakırdere S., Engin G.  
ANALYTICAL LETTERS, cilt.53, sa.15, ss.2431-2444, 2020 (SCI İndekslerine Giren Dergi)
- XLVII. **Ultrasonic assisted glass bead loaded gas liquid separator-photochemical vapor generation-T-shaped slotted quartz tube-flame atomic absorption spectrophotometry system for antimony determination in tap water and wastewater samples**  
Yazici E., BÜYÜKPINAR Ç., Bodur S., SAN N., KOMESLİ O. T. , BAKIRDERE S.  
CHEMICAL PAPERS, 2020 (SCI İndekslerine Giren Dergi)
- XLVIII. **Simultaneous Determination of Harmful Aromatic Amine Products of Azo Dyes by Gas Chromatography-Mass Spectrometry**  
Chormey D. S. , Zaman B. T. , Maltepe E., BÜYÜKPINAR Ç., BULGURCUOĞLU A. E. , TURAK F., ERULAŞ F. A. , BAKIRDERE S.  
JOURNAL OF ANALYTICAL CHEMISTRY, cilt.75, sa.10, ss.1330-1334, 2020 (SCI İndekslerine Giren Dergi)
- XLIX. **Development of sensitive analytical methods for the determination of thallium at trace levels by slotted quartz tube flame atomic absorption spectrometry**  
Arı B., BAKIRDERE S., Ataman O. Y.  
Spectrochimica Acta - Part B Atomic Spectroscopy, cilt.171, 2020 (SCI İndekslerine Giren Dergi)
- L. **Removal of Heavy Metals by a Membrane Bioreactor Combined with Activated Carbon**  
Calik S., SÖZÜDOĞRU O., Massara T. M. , YILMAZ A. E. , BAKIRDERE S., Katsou E., KOMESLİ O. T.  
ANALYTICAL LETTERS, 2020 (SCI İndekslerine Giren Dergi)
- LI. **Sensitive Determination of Acetochlor, Alachlor, Metolachlor and Fenthion Utilizing Mechanical Shaking Assisted Dispersive Liquid–Liquid Microextraction Prior to Gas Chromatography–Mass Spectrometry**  
Bodur S., Borahan T., ATEŞ N., BAKIRDERE S.  
Bulletin of Environmental Contamination and Toxicology, cilt.105, sa.3, ss.460-467, 2020 (SCI İndekslerine Giren Dergi)
- LII. **Development of a sensitive microextraction strategy for the accurate determination of tebuconazole and etrimfos by gas chromatography-mass spectrometry**  
Akarcay N. A. , Chormey D. S. , Kasa N. A. , Zaman B. T. , Bakırdere S.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.100, sa.11, ss.1197-1208, 2020  
(SCI İndekslerine Giren Dergi)

- LII. **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**  
Karlıdag N. E. , Toprak M., Tekin Z., BAKIRDERE S.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.92, 2020 (SCI İndekslerine Giren Dergi)
- LIII. **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**  
Terzioğlu D., Firat M., Chormey D. S. , BAKIRDERE S.  
Analytical Letters, cilt.53, sa.14, ss.2191-2201, 2020 (SCI İndekslerine Giren Dergi)
- LIV. **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. , Kartoğlu B., BAKIRDERE S.  
Analytical Letters, cilt.54, ss.1627-1638, 2020 (SCI İndekslerine Giren Dergi)
- LV. **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**  
Özdoğan N., Yener B., Zaman B. T. , BAKIRDERE S.  
Analytical Letters, cilt.53, sa.13, ss.2047-2059, 2020 (SCI İndekslerine Giren Dergi)
- LVI. **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.  
ANALYTICAL LETTERS, 2020 (SCI İndekslerine Giren Dergi)
- LVII. **Experimental Design of Vortex Assisted Switchable Solvent Homogeneous Liquid-Liquid Microextraction for Simultaneous Determination of Four Pesticides in Wastewater**  
Tisli B., Chormey D. S. , Ayyıldız M. F. , BAKIRDERE S.  
JOURNAL OF AOAC INTERNATIONAL, cilt.103, sa.5, ss.1250-1255, 2020 (SCI İndekslerine Giren Dergi)
- LVIII. **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 İndekslerine Giren Dergi)
- LIX. **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)**  
Erarpat S., Maltepe E., Öztürk Er E., Bakirdere S.  
Analytical Letters, cilt.53, sa.14, ss.2278-2291, 2020 (SCI İndekslerine Giren Dergi)
- LX. **Fe<sub>3</sub>O<sub>4</sub>/reduced graphene oxide nanocomposites based dispersive solid phase microextraction for trace determination of profenofos in white rice flour samples**  
Bodur S., Erarpat S., Bakirdere S.  
Journal of Food Composition and Analysis, cilt.91, 2020 (SCI İndekslerine Giren Dergi)
- LXI. **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**  
Bodur S., ERARPAT S., Chormey D. S. , Bozyigit G., Öz E., Ozdoğan N., BAKIRDERE S.  
NEW JOURNAL OF CHEMISTRY, cilt.44, sa.32, ss.13685-13691, 2020 (SCI İndekslerine Giren Dergi)
- LXII. **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 İndekslerine Giren Dergi)

- LXIII. **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**  
YAĞCi Ö., Akkaya E., BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.192, sa.9, 2020 (SCI İndekslerine Giren Dergi)
- LXIV. **Combination of an Efficient Photochemical Vapor Generation System and Flame Atomic Absorption Spectrophotometry for Trace Nickel Determination in Wastewater Samples**  
Buyukpinar C., SAN N., KOMESLİ O. T. , BAKIRDERE S.  
ANALYTICAL LETTERS, 2020 (SCI İndekslerine Giren Dergi)
- LXV. **A sensitive and accurate analytical method for the determination of cadmium in food samples: Molybdenum coated T-shape slotted quartz tube flame atomic absorption spectrophotometry**  
Kasa N. A. , Büyükpınar Ç., Erulaş A. F. , BAKIRDERE S.  
Food Chemistry, cilt.319, 2020 (SCI İndekslerine Giren Dergi)
- LXVI. **Preliminary study testing the effects of tea and coffee on sludge characteristics and N-butyryl-L-homoserine lactone in an MBR system**  
BAKARAKI TURAN N., CHORMEY D. S. , SARI ERKAN H., ÇAĞLAK A., SARAL M., BAKIRDERE S., ENGİN G.  
Environmental Technology, cilt.41, sa.1, ss.2085-2095, 2020 (SCI Expanded İndekslerine Giren Dergi)
- LXVII. **Determination of iron in hair samples by slotted quartz tube-flame atomic absorption spectrometry after switchable solvent liquid phase extraction**  
Atsever N., Borahan T., Gülhan Bakirdere E., BAKIRDERE S.  
Journal of Pharmaceutical and Biomedical Analysis, cilt.186, 2020 (SCI İndekslerine Giren Dergi)
- LXVIII. **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**  
Kasa N. A. , Bakirdere E. G. , Bakirdere S.  
WATER AIR AND SOIL POLLUTION, cilt.231, sa.8, 2020 (SCI İndekslerine Giren Dergi)
- LXIX. **Liquid phase microextraction strategies and their application in the determination of endocrine disruptive compounds in food samples**  
Chormey D. S. , Zaman B. T. , Kasa N. A. , BAKIRDERE S.  
TrAC - Trends in Analytical Chemistry, cilt.128, 2020 (SCI İndekslerine Giren Dergi)
- LXX. **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**  
Özzybek G., Erarpat S., Bakirdere S.  
Analytical Letters, cilt.53, sa.10, ss.1525-1535, 2020 (SCI İndekslerine Giren Dergi)
- LXXI. **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**  
Özzybek G., Şahin İ., Erarpat S., Bakirdere S.  
Journal of Food Composition and Analysis, cilt.90, 2020 (SCI İndekslerine Giren Dergi)
- LXXII. **Determination of Manganese in Coffee and Wastewater Using Deep Eutectic Solvent Based Extraction and Flame Atomic Absorption Spectrometry**  
Tisli B., Gosterisli T. U. , Zaman B. T. , BAKIRDERE E. G. , BAKIRDERE S.  
ANALYTICAL LETTERS, 2020 (SCI İndekslerine Giren Dergi)
- LXXIII. **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**  
Balçık U., Chormey D. S. , Ayyıldız M. F. , BAKIRDERE S.

- Microchemical Journal, cilt.155, 2020 (SCI İndekslerine Giren Dergi)
- LXXIV. **Feasibility studies on the uptake and bioaccessibility of pesticides, hormones and endocrine disruptive compounds in plants, and simulation of gastric and intestinal conditions**  
Chormey D. S. , Ayyıldız M. F. , BAKIRDERE S.  
Microchemical Journal, cilt.155, 2020 (SCI İndekslerine Giren Dergi)
- LXXV. **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**  
Durak B. Y. , Sel S., BAKIRDERE S.  
ANALYTICAL LETTERS, cilt.53, sa.9, ss.1504-1511, 2020 (SCI İndekslerine Giren Dergi)
- LXXVI. **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**  
Bodur S., Erarpat S., Günkara Ö. T. , Chormey D. S. , Bakirdere S.  
Talanta, cilt.213, 2020 (SCI İndekslerine Giren Dergi)
- LXXVII. **Removal of Selected Micropollutants from Synthetic Wastewater by Electrooxidation Using Oxidized Titanium and Graphite Electrodes**  
Turan N. B. , ÇAĞLAK A., BAKIRDERE S., Engin G. Ö.  
Clean - Soil, Air, Water, cilt.48, 2020 (SCI İndekslerine Giren Dergi)
- LXXVIII. **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**  
Chormey D. S. , Yılmaz Durak B., BAKIRDERE S.  
ANALYTICAL LETTERS, 2020 (SCI İndekslerine Giren Dergi)
- LXXIX. **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**  
Şaylan M., Zaman B. T. , Gülhan Bakirdere E., BAKIRDERE S.  
Journal of Food Composition and Analysis, cilt.88, 2020 (SCI İndekslerine Giren Dergi)
- LXXX. **A simple and efficient preconcentration method based on vortex assisted reduced graphene oxide magnetic nanoparticles for the sensitive determination of endocrine disrupting compounds in different water and baby food samples by GC-FID**  
Fırat Ayyıldız M., Selin Fındıkoğlu M., Selali Chormey D., BAKIRDERE S.  
Journal of Food Composition and Analysis, cilt.88, 2020 (SCI İndekslerine Giren Dergi)
- LXXXI. **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.  
Analytical Letters, cilt.53, sa.7, ss.1053-1060, 2020 (SCI İndekslerine Giren Dergi)
- LXXXII. **Hydride generation-flame atomic absorption spectrometric quantification of trace lead after the extraction by fatty acid functionalized Fe<sub>3</sub>O<sub>4</sub> nanoparticles assisted dispersive solid-phase extraction: A sensitive, precise and accurate analytical method**  
Akkaya E., Ozturk E., Kasa N. A. , ÇETİN G., KOMESLİ O. T. , BAKIRDERE S.  
Journal of Analytical Atomic Spectrometry, cilt.35, sa.5, ss.961-966, 2020 (SCI Expanded İndekslerine Giren Dergi)
- LXXXIII. **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.  
Chemistry Letters, cilt.49, sa.5, ss.546-549, 2020 (SCI Expanded İndekslerine Giren Dergi)
- LXXXIV. **Development of a sensitive and accurate method for the simultaneous determination of selected insecticides and herbicide in tap water and wastewater samples using vortex-assisted switchable solvent-based liquid-phase microextraction prior to determination by gas chromatography-mass**

## **spectrometry**

Bozyiğit G., Ayyıldız M. F. , Chormey D. S. , Engin G., Bakırdere S.

ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.192, sa.5, 2020 (SCI İndekslerine Giren Dergi)

- LXXXV. **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 İndekslerine Giren Dergi)

- LXXXVI. **Combination of vortex assisted binary solvent microextraction and QuEChERS for the determination of prothiofos, oxadiargyl, and gamma-cyhalothrin in water and pineapple samples by gas chromatography mass spectrometry**

Budak T., Ayyıldız M. F. , Chormey D. S. , Bakırdere S.

ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.192, sa.5, 2020 (SCI İndekslerine Giren Dergi)

- LXXXVII. **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**

Bodur S., Özlü C., Tışlı B., Fırat M., Chormey D. S. , BAKIRDERE S.

Environmental Monitoring and Assessment, cilt.192, sa.4, 2020 (SCI İndekslerine Giren Dergi)

- LXXXVIII. **Analysis of Conventionally and Magnetic-Field Dried Fruit and Nuts for Mycotoxins by High-Performance Liquid Chromatography-Tandem Mass Spectrometry (HPLC-MS/MS) and Trace Elements by Inductively Coupled Plasma-Mass Spectrometry (ICP-MS)**

İçelli O., Öz E., Bakırdere S., Nuroglu E.

Analytical Letters, cilt.53, sa.5, ss.735-745, 2020 (SCI Expanded İndekslerine Giren Dergi)

- LXXXIX. **Peristaltic pump-assisted zirconium nanoparticle-based pipette-tip solid phase extraction for the determination of cobalt by slotted quartz tube-flame atomic absorption spectrophotometry**

Tekin Z., Borahan T., Özdoğan N., BAKIRDERE S.

Analytical Methods, cilt.12, sa.9, ss.1244-1249, 2020 (SCI İndekslerine Giren Dergi)

- XC. **Combination of ultrasound-assisted ethyl chloroformate derivatization and switchable solvent liquid-phase microextraction for the sensitive determination of l-methionine in human plasma by GC-MS**

Erarpat S., Bodur S., Öztürk E., Bakırdere S.

Journal of Separation Science, cilt.43, sa.6, ss.1100-1106, 2020 (SCI Expanded İndekslerine Giren Dergi)

- XCI. **Traceable and accurate quantification of iron in seawater using isotope dilution calibration strategies by triple quadrupole ICP-MS/MS: Characterization measurements of iron in a candidate seawater CRM**

Arı B., Can S. Z. , BAKIRDERE S.

Talanta, cilt.209, 2020 (SCI İndekslerine Giren Dergi)

- XCII. **Application of oleic acid functionalized magnetic nanoparticles for a highly sensitive and efficient dispersive magnetic solid phase extraction of fenazaquin in almond samples for determination by gas chromatography mass spectrometry**

Turan N. B. , TuğbaZaman B., BAKIRDERE S.

Microchemical Journal, cilt.153, 2020 (SCI İndekslerine Giren Dergi)

- XCIII. **A sieve-conducted two-syringe-based pressurized liquid-phase microextraction for the determination of indium by slotted quartz tube-flame atomic absorption spectrometry**

UNUTKAN T., Borahan T., Girgin A., BAKIRDERE S.

Environmental Monitoring and Assessment, cilt.192, sa.2, 2020 (SCI İndekslerine Giren Dergi)

- XCIV. **Validation of ultrasonic-assisted switchable solvent liquid phase microextraction for trace determination of hormones and organochlorine pesticides by GC-MS and combination with QuEChERS**

Durak B. Y. , Chormey D. S. , Fırat M., Bakırdere S.

Food Chemistry, cilt.305, 2020 (SCI İndekslerine Giren Dergi)

- XCIV. Determination of fenazaquin in water and tomato matrices by GC-MS after a combined QuEChERS and switchable solvent liquid phase microextraction**  
Turan N. B. , Maltepe E., Chormey D. S. , BAKIRDERE S.  
Environmental Monitoring and Assessment, cilt.192, sa.2, 2020 (SCI İndekslerine Giren Dergi)
- XCVI. 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**  
Tekin Z., Öztürk E., Günkara Ö. T. , Bakirdere S.  
Journal of Chromatography A, cilt.1611, 2020 (SCI İndekslerine Giren Dergi)
- XCVII. 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.  
Analytical Letters, cilt.53, sa.2, ss.165-173, 2020 (SCI İndekslerine Giren Dergi)
- XCVIII. 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.  
Food Chemistry, cilt.303, 2020 (SCI İndekslerine Giren Dergi)
- XCIX. Determination of indium in lettuce samples using hydrogen supported-T-cut-slotted quartz tube-atom trap-flame atomic absorption spectrometry**  
Kapukıran F., YILMAZ Ö., Tekin Z., Büyükpınar Ç., Özdoğan N., BAKIRDERE S.  
Chemistry Letters, cilt.49, sa.3, ss.276-279, 2020 (SCI İndekslerine Giren Dergi)
- C. 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**  
Öztürk Er E., Akkaya E., Özbek B., Bakirdere S.  
MICROCHEMICAL JOURNAL, cilt.152, 2020 (SCI İndekslerine Giren Dergi)
- CI. 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. , Abuqbeith M., Demir M., İÇELLİ O.  
ATOMIC SPECTROSCOPY, cilt.41, sa.1, ss.29-35, 2020 (SCI İndekslerine Giren Dergi)
- CII. Combination of Slotted Quartz Tube Flame Atomic Absorption Spectrometry and Dispersive Liquid–Liquid Microextraction for the Trace Determination of Silver in Electroplating Rinse Bath**  
Terzioğlu D., DALGIÇ BOZYİĞİT G., Fırat Ayyıldız M., Chormey D. S. , BAKIRDERE S.  
Analytical Letters, 2020 (SCI İndekslerine Giren Dergi)
- CIII. Optimization of T-shape slotted quartz tube with exit holes-atom trap-flame atomic absorption spectrophotometry system for the accurate and sensitive determination of tellurium in tap water**  
Şahin İ., Durak B. Y. , Sağsöz O., Büyükpınar Ç., BAKIRDERE S.  
Environmental Monitoring and Assessment, cilt.192, sa.1, 2020 (SCI İndekslerine Giren Dergi)
- CIV. Rapid, accurate and sensitive determination of fenpropathrin as insecticide in dried strawberry samples by high performance liquid chromatography, and in vivo stability and behavior under gastric conditions**  
Tekin Z., Zaman B. T. , BAKIRDERE S.  
Chemistry Letters, cilt.49, sa.1, ss.17-19, 2020 (SCI İndekslerine Giren Dergi)
- CV. Optimization of atrazine removal from synthetic groundwater by electrooxidation process using titanium dioxide and graphite electrodes**  
Bakaraki Turan N., Sarı Erkan H., Çağlak A., Bakirdere S., Engin G.  
Separation Science And Technology, cilt.55, sa.16, ss.3036-3045, 2020 (SCI İndekslerine Giren Dergi)
- CVI. 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., Gülhan Bakırdere E., Bakırdere S.

Food Chemistry, cilt.302, 2020 (SCI İndekslerine Giren Dergi)

**CVII. Magnetic Nanoparticles Based Solid Phase Extraction Methods for the Determination of Trace Elements**

ÖZTÜRK ER E., DALGIÇ BOZYİĞİT G., Büyükpınar Ç., BAKIRDERE S.

Critical Reviews in Analytical Chemistry, 2020 (SCI İndekslerine Giren Dergi)

**CVIII. Zirconium nanoparticles based solid phase extraction-slotted quartz tube-flame atomic absorption spectrophotometry for the determination of cadmium in wastewater samples and evaluation of green profile**

Tekin Z., Özdoğan N., BAKIRDERE S.

International Journal of Environmental Analytical Chemistry, 2020 (SCI İndekslerine Giren Dergi)

**CIX. 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.

Measurement: Journal of the International Measurement Confederation, cilt.147, 2019 (SCI İndekslerine Giren Dergi)

**CX. 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 İndekslerine Giren Dergi)

**CXI. 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 İndekslerine Giren Dergi)

**CXII. 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., Bakırdere S.

FOOD CHEMISTRY, cilt.299, 2019 (SCI İndekslerine Giren Dergi)

**CXIII. Radiation interaction parameters for blood samples of breast cancer patients: an MCNP study**

Toker O., Caglar M., Öz E., Bakırdere S., Topdağı Ö., Eyecioglu O., İçelli O.

RADIATION AND ENVIRONMENTAL BIOPHYSICS, cilt.58, sa.4, ss.531-537, 2019 (SCI İndekslerine Giren Dergi)

**CXIV. 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. , Yılmaz A. E. , Bakırdere S.

Environmental Monitoring and Assessment, cilt.191, sa.11, 2019 (SCI İndekslerine Giren Dergi)

**CXV. 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**

Yılmaz P., Öztürk Er E., Bakırdere S., Ülgen K., Özbek B.

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

**CXVI. 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. , Fırat M., BAKIRDERE S.

Chemosphere, cilt.235, ss.205-210, 2019 (SCI İndekslerine Giren Dergi)

**CXVII. 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 spectrometry**

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

Food Chemistry, cilt.297, 2019 (SCI İndekslerine Giren Dergi)

- CXVIII. **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 İndekslerine Giren Dergi)
- CXIX. **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**  
Alacakoç B., Tekin Z., UNUTKAN T., ÇETİN G., BAKIRDERE S.  
Atomic Spectroscopy, cilt.40, sa.6, ss.233-237, 2019 (SCI İndekslerine Giren Dergi)
- CXX. **Determination of micropollutants in wastewater matrix using gas chromatography-mass spectrometry after optimization of dispersive liquid-liquid microextraction**  
ÇAĞLAK A., Chormey D. S. , ENGİN G., BAKIRDERE S.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, cilt.16, sa.11, ss.7285-7292, 2019 (SCI İndekslerine Giren Dergi)
- CXXI. **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., Bakırdere S.  
Environmental monitoring and assessment, cilt.191, ss.692, 2019 (SCI İndekslerine Giren Dergi)
- CXXII. **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**  
Fırat M., Chormey D. S. , Bakırdere S., Turak F.  
Environmental Monitoring and Assessment, cilt.191, 2019 (SCI İndekslerine Giren Dergi)
- CXXIII. **Determination of butyltin compounds in fish and mussel samples at trace levels by vortex assisted dispersive liquid-liquid microextraction-gas chromatography mass spectrometry**  
Erarpat S., Bodur S., Öz E., Bakırdere S.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.82, 2019 (SCI İndekslerine Giren Dergi)
- CXXIV. **Binary dispersive liquid-liquid microextraction strategy for accurate and precise determination of micropollutants in lake, well and wastewater matrices**  
Sarı Erkan H., Chormey D. S. , Çağlak A., Dalgıç Bozyiğit G., Maltepe E., Engin G., Bakırdere S.  
Bulletin Of Environmental Contamination And Toxicology, cilt.103, ss.841-847, 2019 (SCI İndekslerine Giren Dergi)
- CXXV. **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)**  
Yılmaz P., Öztürk Er E., Bakırdere S., Ülgen Ş. K. , Özbek B.  
JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-JMR&T, cilt.1, sa.1, ss.1-16, 2019 (SCI İndekslerine Giren Dergi)
- CXXVI. **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 İndekslerine Giren Dergi)
- CXXVII. **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**  
Kapukıran F., Fırat M., Chormey D. S. , BAKIRDERE S., Özdoğan N.  
Bulletin of Environmental Contamination and Toxicology, cilt.102, sa.6, ss.848-853, 2019 (SCI İndekslerine Giren Dergi)
- CXXVIII. **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., Bakırdere S.

- Microchemical Journal, cilt.147, ss.269-276, 2019 (SCI İndekslerine Giren Dergi)
- CXXXIX. **Magnetic cobalt particle-assisted solid phase extraction of tellurium prior to its determination by slotted quartz tube-flame atomic absorption spectrophotometry**  
Özdoğan N., Kapukran F., ÖZTÜRK ER E., BAKIRDERE S.  
Environmental Monitoring and Assessment, cilt.191, sa.6, 2019 (SCI İndekslerine Giren Dergi)
- CXXX. **Ultrasound assisted deep eutectic solvent based microextraction-slotted quartz tube-flame atomic absorption spectrometry for the determination of cadmium**  
UNUTKAN T., TıŖlı B., Tekin Z., ÇETİN G., BAKIRDERE S.  
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, cilt.155, ss.1-3, 2019 (SCI İndekslerine Giren Dergi)
- CXXXI. **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 İndekslerine Giren Dergi)
- CXXXII. **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**  
büyükpınar C., SAN N., KOMESLİ O. T. , bakirdere S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.191, sa.5, 2019 (SCI İndekslerine Giren Dergi)
- CXXXIII. **Ultrasound-assisted dispersive solid phase extraction based on Fe<sub>3</sub>O<sub>4</sub>/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 İndekslerine Giren Dergi)
- CXXXIV. **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., Buyukpınar C., Bakirdere S.  
ANALYTICAL LETTERS, cilt.52, ss.745-753, 2019 (SCI İndekslerine Giren Dergi)
- CXXXV. **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 İndekslerine Giren Dergi)
- CXXXVI. **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, ss.761-771, 2019 (SCI İndekslerine Giren Dergi)
- CXXXVII. **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 İndekslerine Giren Dergi)
- CXXXVIII. **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 İndekslerine Giren Dergi)
- CXXXIX. **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 İndekslerine Giren Dergi)
- CXL. **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 İndekslerine Giren Dergi)

- CXLI. **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 İndekslerine Giren Dergi)
- CXLII. **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., Bakırdere S.  
JOURNAL OF SEPARATION SCIENCE, cilt.42, ss.475-483, 2019 (SCI İndekslerine Giren Dergi)
- CXLIII. **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., Bakırdere S., Bursalıoğlu E. O., Öz E., Eyecioğlu O., Karabul Y., Çağlar M., İçelli O.  
ATOMIC SPECTROSCOPY, cilt.40, ss.11-16, 2019 (SCI İndekslerine Giren Dergi)
- CXLIV. **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 İndekslerine Giren Dergi)
- CXLV. **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**  
Yazıcı E., Fırat M., Chormey D. S., Budak T. B., Şahin Ç., TURAK F., BAKIRDERE S.  
Atomic Spectroscopy, cilt.40, sa.1, ss.24-30, 2019 (SCI İndekslerine Giren Dergi)
- CXLVI. **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 İndekslerine Giren Dergi)
- CXLVII. **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 İndekslerine Giren Dergi)
- CXLVIII. **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 İndekslerine Giren Dergi)
- CXLIX. **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 İndekslerine Giren Dergi)
- CL. **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**  
Ozdoğan N., Kapukiran F., MUTLUOĞLU G., Chormey D. S., BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.190, sa.10, 2018 (SCI İndekslerine Giren Dergi)



- CLII. **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 İndekslerine Giren Dergi)
- CLII. **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 İndekslerine Giren Dergi)
- CLIII. **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 İndekslerine Giren Dergi)
- CLIV. **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 İndekslerine Giren Dergi)
- CLV. **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 İndekslerine Giren Dergi)
- CLVI. **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.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.71, ss.28-35, 2018 (SCI İndekslerine Giren Dergi)
- CLVII. **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., Özbek B., Bakırdere S.  
MEASUREMENT, cilt.124, ss.64-71, 2018 (SCI İndekslerine Giren Dergi)
- CLVIII. **Correlation between Na/K ratio and electron densities in blood samples of breast cancer patients**  
Topdağı Ö., Toker O., Bakırdere S., Bursalioglu E. O. , Öz E., Eyecioglu O., Demir M., İçelli O.  
BIOMETALS, cilt.31, ss.673-678, 2018 (SCI İndekslerine Giren Dergi)
- CLIX. **Accurate and sensitive determination of selected hormones, endocrine disruptors, and pesticides by gas chromatography-mass spectrometry after the multivariate optimization of switchable solvent liquid-phase microextraction**  
Chormey D. S. , Bodur S., Baskın D., Fırat M., Bakırdere S.  
JOURNAL OF SEPARATION SCIENCE, cilt.41, 2018 (SCI İndekslerine Giren Dergi)
- CLX. **Vortex-assisted switchable liquid-liquid microextraction for the preconcentration of cadmium in environmental samples prior to its determination with flame atomic absorption spectrometry**  
Fırat M., Bodur S., Tışlı B., Özlü C., Chormey D. S. , TURAK F., BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.190, sa.7, 2018 (SCI İndekslerine Giren Dergi)
- CLXI. **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 İndekslerine Giren Dergi)
- CLXII. **Analysis of some physical, chemical and microbiological aspects of honey samples produced and consumed in Turkey**  
BAKIRDERE S., Yaroglu T., Tirik N., Demiroz M., Karaca A.  
REVISTA DE LA FACULTAD DE CIENCIAS AGRARIAS, cilt.50, sa.1, ss.263-271, 2018 (SCI İndekslerine Giren Dergi)

- CLXIII. **Development and Validation of a Sensitive Method for Trace Nickel Determination by Slotted Quartz Tube Flame Atomic Absorption Spectrometry After Dispersive Liquid-Liquid Microextraction**  
YOLCU S. M. , Firat M., Chormey D. S. , Buyukpinar C., TURAK F., BAKIRDERE S.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.100, sa.5, ss.715-719, 2018 (SCI İndekslerine Giren Dergi)
- CLXIV. **Development of an Accurate and Sensitive Analytical Method for the Determination of Cadmium at Trace Levels Using Dispersive Liquid-Liquid Microextraction Based on the Solidification of Floating Organic Drops Combined with Slotted Quartz Tube Flame Atomic Absorption Spectrometry**  
Aydin I., Chormey S. D. , Budak T., Firat M., Turak F., Bakirdere S.  
JOURNAL OF AOAC INTERNATIONAL, cilt.101, ss.843-847, 2018 (SCI İndekslerine Giren Dergi)
- CLXV. **Simultaneous determination of estrone and selected pesticides in water medium by GC-MS after multivariate optimization of microextraction strategy**  
BULGURCUOĞLU A. E. , YILMAZ B., CHORMEY D. S. , BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.190, sa.4, 2018 (SCI İndekslerine Giren Dergi)
- CLXVI. **A novel analytical approach for the determination of parathion methyl in water: quadrupole isotope dilution mass spectrometry-dispersive liquid-liquid microextraction using multivariate optimization**  
Chormey D. S. , Er E., Erarpat S., Özzeybek G., Arı B., Bakirdere S.  
ANALYST, cilt.143, sa.5, ss.1141-1146, 2018 (SCI İndekslerine Giren Dergi)
- CLXVII. **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 a Imidazole Based Ligand**  
Fındıkoğlu M. S. , Firat M., Chormey D. S. , TURAK F., Şahin Ç., BAKIRDERE S.  
Water, Air, and Soil Pollution, cilt.229, sa.2, 2018 (SCI İndekslerine Giren Dergi)
- CLXVIII. **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 İndekslerine Giren Dergi)
- CLXIX. **Preface**  
Chormey D. S. , Bakirdere S., Turan N. B. , Engin G. Ö.  
Comprehensive Analytical Chemistry, cilt.81, 2018 (SCI İndekslerine Giren Dergi)
- CLXX. **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., Bakirdere S., Keyf S.  
JOURNAL OF CHROMATOGRAPHIC SCIENCE, cilt.56, ss.36-40, 2018 (SCI İndekslerine Giren Dergi)
- CLXXI. **Development of a sensitive closed batch vessel hydride generation atomic absorption spectrometry method for the determination of cadmium in aqueous samples**  
Buyukpinar C., BEKAR B., Maltepe E., Chormey D. S. , TURAK F., San N., BAKIRDERE S.  
INSTRUMENTATION SCIENCE & TECHNOLOGY, cilt.46, sa.6, ss.645-655, 2018 (SCI İndekslerine Giren Dergi)
- CLXXII. **Multivariate optimization of dispersive liquid-liquid microextraction for the determination of paclobutrazol and triflumizole in water by GC-MS**  
Chormey D. S. , Karakuş Y., Karayaka S., Özsöyler Ç., Bozdoğan A. E. , Bakirdere S.  
JOURNAL OF SEPARATION SCIENCE, cilt.40, ss.4541-4548, 2017 (SCI İndekslerine Giren Dergi)
- CLXXIII. **Determination of lead at trace levels in mussel and sea water samples using vortex assisted dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry**  
ERARPAT S., ÖZZEYBEK G., CHORMEY D. S. , BAKIRDERE S.  
CHEMOSPHERE, cilt.189, ss.180-185, 2017 (SCI İndekslerine Giren Dergi)
- CLXXIV. **Simultaneous determination of niacin and pyridoxine at trace levels by using diode array high-performance liquid chromatography and liquid chromatography with quadrupole time-of-flight tandem mass spectrometry**  
Sel S., Er E., Bakirdere S.

- JOURNAL OF SEPARATION SCIENCE, cilt.40, ss.4740-4746, 2017 (SCI İndekslerine Giren Dergi)
- CLXXV. **A new method for the determination of cadmium at ultratrace levels using slotted quartz tube-flame atomic absorption spectrometry after preconcentration with stearic acid coated magnetite nanoparticles**  
AKKAYA E., KASA N. A. , Cetin G., BAKIRDERE S.  
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, cilt.32, sa.12, ss.2433-2438, 2017 (SCI İndekslerine Giren Dergi)
- CLXXVI. **Comparison of EDCs removal in full and pilot scale membrane bioreactor plants: Effect of flux rate on EDCs removal in short SRT**  
KOMESLİ O. T. , Muz M., Ak M., BAKIRDERE S., Gökçay C.  
Journal of Environmental Management, cilt.203, ss.847-852, 2017 (SCI İndekslerine Giren Dergi)
- CLXXVII. **Biodegradation of hydroxyapatite coated Rex-734 alloy with silver and selenium/chitosan substitutions: In vitro analysis**  
AKSAKAL B., Say Y., Buyukpınar C., BAKIRDERE S.  
CERAMICS INTERNATIONAL, cilt.43, sa.15, ss.12609-12615, 2017 (SCI İndekslerine Giren Dergi)
- CLXXVIII. **Sensitive determination of cadmium using solidified floating organic drop microextraction-slotted quartz tube-flame atomic absorption spectroscopy**  
Akkaya E., Chormey D. S. , BAKIRDERE S.  
Environmental Monitoring and Assessment, cilt.189, sa.10, 2017 (SCI İndekslerine Giren Dergi)
- CLXXIX. **A novel liquid-liquid extraction for the determination of naphthalene by GC-MS with deuterated anthracene as internal standard**  
ERARPAT S., ÖZZEYBEK G., Chormey D. S. , ERULAŞ F., TURAK F., BAKIRDERE S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.189, sa.10, 2017 (SCI İndekslerine Giren Dergi)
- CLXXX. **Determination of cadmium at ultratrace levels by dispersive liquid-liquid microextraction and batch type hydride generation atomic absorption spectrometry**  
Kasa N. A. , Chormey D. S. , Büyükpınar Ç., Turak F., Budak T., Bakırdere S.  
MICROCHEMICAL JOURNAL, cilt.133, ss.144-148, 2017 (SCI İndekslerine Giren Dergi)
- CLXXXI. **Quorum sensing: Little talks for an effective bacterial coordination**  
Turan N. B. , Chormey D. S. , Büyükpınar Ç., Engin G., Bakırdere S.  
TrAC - Trends in Analytical Chemistry, cilt.91, ss.1-11, 2017 (SCI İndekslerine Giren Dergi)
- CLXXXII. **Simultaneous determination of selected hormones, endocrine disruptor compounds, and pesticides in water medium at trace levels by GC-MS after dispersive liquid-liquid microextraction**  
Chormey D. S. , Buyukpınar C., Turak F., Komesli O. T. , Bakırdere S.  
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.189, 2017 (SCI İndekslerine Giren Dergi)
- CLXXXIII. **Arsenic speciation in water and biota samples at trace levels by ion chromatography inductively coupled plasma-mass spectrometry**  
Firat M., BAKIRDERE S., Sel S., Chormey D. S. , Elkiran O., Erulas F., TURAK F.  
International Journal of Environmental Analytical Chemistry, cilt.97, sa.7, ss.684-693, 2017 (SCI Expanded İndekslerine Giren Dergi)
- CLXXXIV. **Determination of nickel in water and soil samples at trace levels using photochemical vapor generation-batch type ultrasonication assisted gas liquid separator-atomic absorption spectrometry**  
Büyükpınar Ç., MALTEPE E., CHORMEY D. S. , San N., BAKIRDERE S.  
MICROCHEMICAL JOURNAL, cilt.132, ss.167-171, 2017 (SCI İndekslerine Giren Dergi)
- CLXXXV. **Sensitive determination of copper in water samples using dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry**  
ÖZZEYBEK G., ERARPAT S., CHORMEY D. S. , FIRAT M., Büyükpınar Ç., TURAK F., BAKIRDERE S.  
Microchemical Journal, cilt.132, ss.406-410, 2017 (SCI İndekslerine Giren Dergi)
- CLXXXVI. **Determination of trace amount of cadmium using dispersive liquid-liquid microextraction-slotted quartz tube-flame atomic absorption spectrometry**  
Firat M., Bakırdere S., Findıkoğlu M. S. , Kafa E. B. , Yazıcı E., Yolcu M., Büyükpınar Ç., Chormey D. S. , Sel S., Turak F.  
Spectrochimica Acta - Part B Atomic Spectroscopy, cilt.129, ss.37-41, 2017 (SCI İndekslerine Giren Dergi)

- CLXXXVII. **Isotopic ratio analysis of cattle tail hair: A potential tool in building the database for cow milk geographical traceability**  
Behkami S., Zain S. M. , Gholami M., BAKIRDERE S.  
Food Chemistry, cilt.217, ss.438-444, 2017 (SCI İndekslerine Giren Dergi)
- .LXXXVIII. **A Novel Liquid-Liquid Extraction for the Determination of Sertraline in Tap Water and Waste Water at Trace Levels by GC-MS**  
Koçoğlu E. S. , Bakırdere S., Keyf S.  
Bulletin of Environmental Contamination and Toxicology, cilt.99, ss.354-359, 2017 (SCI İndekslerine Giren Dergi)
- CLXXXIX. **A simple design for microwave assisted digestion vessel with low reagent consumption suitable for food and environmental samples**  
Gholami M., Behkami S., Zain S. M. , BAKIRDERE S.  
Scientific Reports, cilt.6, 2016 (SCI İndekslerine Giren Dergi)
- CXC. **Sensitive Determination of Sertraline in Commercial Drugs and Its Stability Check in Simulated Gastric Juice**  
Koçoğlu E. S. , Bakırdere S., Keyf S.  
JOURNAL OF AOAC INTERNATIONAL, cilt.99, ss.1527-1532, 2016 (SCI İndekslerine Giren Dergi)
- CXCI. **Speciation of Arsenic in Fish by High-Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometry**  
Özcan Ş., BAKIRDERE S., ATAMAN O. Y.  
Analytical Letters, cilt.49, sa.15, ss.2501-2512, 2016 (SCI İndekslerine Giren Dergi)
- CXCII. **Determination of Lead in Drinking and Wastewater by Hydride Generation Atomic Absorption Spectrometry**  
BAKIRDERE S., CHORMEY D. S. , Büyükpınar Ç., SAN N., KEYF S.  
Analytical Letters, cilt.49, sa.12, ss.1917-1925, 2016 (SCI İndekslerine Giren Dergi)
- CXCIII. **Milk authentication and discrimination via metal content clustering - A case of comparing milk from Malaysia and selected countries of the world**  
Zain S. M. , Behkami S., BAKIRDERE S., Koki I. B.  
Food Control, cilt.66, ss.306-314, 2016 (SCI İndekslerine Giren Dergi)
- CXCIV. **Simultaneous determination of sildenafil and tadalafil in legal drugs, illicit/counterfeit drugs, and wastewater samples by high-performance liquid chromatography**  
Fidan A. K. , BAKIRDERE S.  
Journal of AOAC International, cilt.99, sa.4, ss.923-928, 2016 (SCI İndekslerine Giren Dergi)
- CXCV. **A Novel Liquid-Liquid Extraction for the Determination of Nicotine in Tap Water, Wastewater, and Saliva at Trace Levels by GC-MS**  
Dobrowska J. S. , Erarpat S., Chormey D. S. , Pyrzynska K., Bakırdere S.  
JOURNAL OF AOAC INTERNATIONAL, cilt.99, sa.3, ss.806-812, 2016 (SCI İndekslerine Giren Dergi)
- CXCVI. **Determination of contamination levels of Pb, Cd, Cu, Ni, and Mn caused by former lead mining gallery**  
BAKIRDERE S., Bölücek C., Yaman M.  
Environmental Monitoring and Assessment, cilt.188, sa.3, ss.1-7, 2016 (SCI İndekslerine Giren Dergi)
- CXCVII. **Development of a sensitive liquid-liquid extraction method for the determination of N-butyryl-L-homoserine lactone produced in a submerged membrane bioreactor by gas chromatography mass spectrometry and deuterated anthracene as the internal standard**  
Bakaraki N., Chormey D. S. , Bakırdere S., Engin G. O.  
ANALYTICAL METHODS, cilt.8, ss.2660-2665, 2016 (SCI İndekslerine Giren Dergi)
- CXCVIII. **Study of the electron densities of some food products dried using the new method**  
Nuroglu E., Bursalioglu E. O. , Karabul Y., Bakırdere S., İçelli O.  
DRYING TECHNOLOGY, cilt.34, ss.1445-1454, 2016 (SCI İndekslerine Giren Dergi)
- CXCIX. **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 conditions**  
SERBEST H., BAKIRDERE S., KEYF S.

JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, cilt.39, sa.11, ss.526-531, 2016 (SCI İndekslerine Giren Dergi)

- CC. **Occurrence, fate and removal of endocrine disrupting compounds (EDCs) in Turkish wastewater treatment plants**  
KOMEŞLİ O. T. , Muz M., Ak M., BAKIRDERE S., Gökçay C.  
Chemical Engineering Journal, cilt.277, ss.202-208, 2015 (SCI İndekslerine Giren Dergi)
- CCI. **Molecular characterization of silver-stearate nanoparticles (AgStNPs): A hydrophobic and antimicrobial material against foodborne pathogens**  
Bakirdere S., Yılmaz M. T. , Törnük F., Keyf S., Yılmaz A., Sağdıç O., Kocabas B.  
FOOD RESEARCH INTERNATIONAL, cilt.76, ss.439-448, 2015 (SCI İndekslerine Giren Dergi)
- CCII. **Selenium, nickel, and calcium levels in cancerous and non-cancerous prostate tissue samples and their relation with some parameters**  
Çelen İ., Müezzinoğlu T., ATAMAN O. Y. , BAKIRDERE S., Korkmaz M., Neşe N., Şenol F., Lekili M.  
Environmental Science and Pollution Research, cilt.22, sa.17, ss.13070-13076, 2015 (SCI İndekslerine Giren Dergi)
- CCIII. **Lead determination at ng/mL level by flame atomic absorption spectrometry using a tantalum coated slotted quartz tube atom trap**  
Demirtaş I., BAKIRDERE S., ATAMAN O. Y.  
Talanta, cilt.138, ss.218-224, 2015 (SCI İndekslerine Giren Dergi)
- CCIV. **Sensitive determination of lead, cadmium and nickel in soil, water, vegetable and fruit samples using STAT-FAAS after preconcentration with activated carbon**  
Keskin G., BAKIRDERE S., Yaman M.  
Toxicology and Industrial Health, cilt.31, sa.10, ss.881-889, 2015 (SCI İndekslerine Giren Dergi)
- CCV. **Speciation of Selenium in Supplements by High Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometry**  
BAKIRDERE S., VOLKAN M., ATAMAN O. Y.  
Analytical Letters, cilt.48, sa.9, ss.1511-1523, 2015 (SCI İndekslerine Giren Dergi)
- CCVI. **Determination of trace aflatoxin levels in agricultural products and foodstuffs using ELISA system after immunoaffinity clean-up procedure**  
BAKIRDERE S., Yaroğlu T., Tirik N., Demiröz M., Karaca A.  
Minerva Biotechnologica, cilt.26, sa.4, ss.235-240, 2014 (SCI İndekslerine Giren Dergi)
- CCVII. **Determination of trace aflatoxin M1 levels in milk and milk products consumed in Turkey by using enzyme-linked immunosorbent assay**  
BAKIRDERE S., Yaroğlu T., Tirik N., Demiröz M., Karaca A.  
Food and Agricultural Immunology, cilt.25, sa.1, ss.61-69, 2014 (SCI İndekslerine Giren Dergi)
- CCVIII. **In situ atom trapping of Bi on W-coated slotted quartz tube flame atomic absorption spectrometry and interference studies**  
Kilinc E., BAKIRDERE S., Aydın F., ATAMAN O. Y.  
Spectrochimica Acta - Part B Atomic Spectroscopy, cilt.89, ss.14-19, 2013 (SCI İndekslerine Giren Dergi)
- CCIX. **Determination of As, Cd, and Pb in tap water and bottled water samples by using optimized GFAAS system with Pd-Mg and Ni as matrix modifiers**  
BAKIRDERE S., Yaroğlu T., Tirik N., Demiröz M., Fidan A. K. , Maruldali O., Karaca A.  
Journal of Spectroscopy, cilt.1, sa.1, 2013 (SCI İndekslerine Giren Dergi)
- CCX. **Gas-Screen Slotted Quartz Tube Atomic Absorption Spectrometry: A Remedy for Reducing Interference Effects of Calcium and Chromium**  
Gholami M., Yosefi M., Behkami S., Talei Babil Olyai M., Arslan Y., BAKIRDERE S., ATAMAN O. Y.  
Analytical Letters, cilt.46, sa.6, ss.959-968, 2013 (SCI İndekslerine Giren Dergi)
- CCXI. **Tellurium speciation analysis using hydride generation in situ trapping electrothermal atomic absorption spectrometry and ruthenium or palladium modified graphite tubes**  
Yildirim E., Akay P., Arslan Y., BAKIRDERE S., ATAMAN O. Y.  
Talanta, cilt.102, ss.59-67, 2012 (SCI İndekslerine Giren Dergi)
- CCXII. **Determination of Selected Endocrine Disrupter Compounds at Trace Levels in Sewage Sludge**

## Samples

Sönmez M. S. , Muz M., Komesli O. T. , BAKIRDERE S., Gökçay C. F.

Clean - Soil, Air, Water, cilt.40, sa.9, ss.980-985, 2012 (SCI İndekslerine Giren Dergi)

- CCXIII. **Simultaneous determination of selected endocrine disrupter compounds in wastewater samples in ultra trace levels using HPLC-ES-MS/MS**  
Komesli O. T. , Bakirdere S., Bayören C., Gökçay C. F.  
Environmental Monitoring and Assessment, cilt.184, sa.8, ss.5215-5224, 2012 (SCI İndekslerine Giren Dergi)
- CCXIV. **Sensitive determination of bismuth by flame atomic absorption spectrometry using atom trapping in a slotted quartz tube and revolatilization with organic solvent pulse**  
Kilinç E., BAKIRDERE S., Aydın F., ATAMAN O. Y.  
Spectrochimica Acta - Part B Atomic Spectroscopy, cilt.73, ss.84-88, 2012 (SCI İndekslerine Giren Dergi)
- CCXV. **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 İndekslerine Giren Dergi)
- CCXVI. **Nonlinear signal response in electrospray mass spectrometry: Implications for quantitation of arsenobetaine using stable isotope labeling by liquid chromatography and electrospray orbitrap mass spectrometry**  
Ouerdane L., Meija J., Bakirdere S., Yang L., Mester Z.  
Analytical Chemistry, cilt.84, sa.9, ss.3958-3964, 2012 (SCI İndekslerine Giren Dergi)
- CCXVII. **Determination of selected natural hormones and endocrine disrupting compounds in domestic wastewater treatment plants by liquid chromatography electrospray ionization tandem mass spectrometry after solid phase extraction**  
Muz M., Selcen Sönmez M., Komesli O. T. , Bakirdere S., Gökay C. F.  
Analyst, cilt.137, sa.4, ss.884-889, 2012 (SCI İndekslerine Giren Dergi)
- CCXVIII. **Speciation of selenium in vitamin tablets using spectrofluorometry following cloud point extraction**  
Güler N., Maden M., Bakirdere S., ATAMAN O. Y. , VOLKAN M.  
Food Chemistry, cilt.129, sa.4, ss.1793-1799, 2011 (SCI İndekslerine Giren Dergi)
- CCXIX. **Effects of chronic boron exposure on semen profile**  
Korkmaz M., Yenigün M., Bakirdere S., ATAMAN O. Y. , Keskin S., Müezzinoğlu T., Lekili M.  
Biological Trace Element Research, cilt.143, sa.2, ss.738-750, 2011 (SCI İndekslerine Giren Dergi)
- CCXX. **Determination of zinc, copper, iron, and manganese in different regions of lamb brain**  
Bakirdere S., Kizilkan N., Yaman M.  
Biological Trace Element Research, cilt.142, sa.3, ss.492-499, 2011 (SCI İndekslerine Giren Dergi)
- CCXXI. **Effects of formaldehyde inhalation on zinc, copper and iron concentrations in liver and kidney of male rats**  
Özen O. A. , Kus I., Bakirdere S., Sarsilmaz M., Yaman M.  
Biological Trace Element Research, cilt.140, sa.2, ss.177-185, 2011 (SCI İndekslerine Giren Dergi)
- CCXXII. **Determination of arsenobetaine in fish tissue by species specific isotope dilution LC-LTQ-Orbitrap-MS and standard addition lc-icpms**  
Yang L., Ding J., Maxwell P., McCooeye M., Windust A., Ouerdane L., Bakirdere S., Willie S., Mester Z.  
Analytical Chemistry, cilt.83, sa.9, ss.3371-3378, 2011 (SCI İndekslerine Giren Dergi)
- CCXXIII. **Lower limits of detection in speciation analysis by coupling high-performance liquid chromatography and chemical-vapor generation**  
Arslan Y., Yildirim E., Gholami M., Bakirdere S.  
TrAC - Trends in Analytical Chemistry, cilt.30, sa.4, ss.569-585, 2011 (SCI İndekslerine Giren Dergi)
- CCXXIV. **Trace level determination of beryllium in natural and flavored mineral waters after pre-concentration using activated carbon**  
Kilinç E., Bakirdere S., Yaman M.  
Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, cilt.28, sa.4, ss.455-460, 2011 (SCI İndekslerine Giren Dergi)
- CCXXV. **Prevalence of prostate cancer in high boron-exposed population: A community-based study**

- Müezzinoğlu T., Korkmaz M., Neşe N., Bakırdere S., Arslan Y., ATAMAN O. Y. , Lekili M.  
Biological Trace Element Research, cilt.144, ss.49-57, 2011 (SCI İndekslerine Giren Dergi)
- CCXXVI. **From mg/kg to pg/kg levels: A story of trace element determination: A review**  
Bakırdere S., Aydın F., Bakırdere E. G. , Titretir S., Akdeniz I., Aydın I., YILDIRIM E., Arslan Y.  
Applied Spectroscopy Reviews, cilt.46, sa.1, ss.38-66, 2011 (SCI İndekslerine Giren Dergi)
- CCXXVII. **Speciation and determination of thiols in biological samples using high performance liquid chromatography-inductively coupled plasma-mass spectrometry and high performance liquid chromatography-Orbitrap MS**  
Bakırdere S., Bramanti E., D'ulivo A., ATAMAN O. Y. , Mester Z.  
Analytica Chimica Acta, cilt.680, ss.41-47, 2010 (SCI İndekslerine Giren Dergi)
- CCXXVIII. **Use of sequential extraction with UV/Vis spectrophotometer to assess phosphorus species in surface sediments (NE Mediterranean Sea)**  
Gunduz B., Aydın I., Bakırdere S., Saydut A., Aydın F.  
Atomic Spectroscopy, cilt.31, sa.6, ss.196-200, 2010 (SCI İndekslerine Giren Dergi)
- CCXXIX. **Determination and interference studies of bismuth by tungsten trap hydride generation atomic absorption spectrometry**  
Kula I., Arslan Y., Bakırdere S., Titretir S., Kendüzler E., ATAMAN O. Y.  
Talanta, cilt.80, sa.1, ss.127-132, 2009 (SCI İndekslerine Giren Dergi)
- CCXXX. **Determination of antimony by using tungsten trap atomic absorption spectrometry**  
Titretir S., Kendüzler E., Arslan Y., Kula I., Bakırdere S., ATAMAN O. Y.  
Spectrochimica Acta - Part B Atomic Spectroscopy, cilt.63, sa.8, ss.875-879, 2008 (SCI İndekslerine Giren Dergi)
- CCXXXI. **A novel analytical system involving hydride generation and gold-coated W-coil trapping atomic absorption spectrometry for selenium determination at ng l- 1 level**  
Kula I., Arslan Y., Bakırdere S., ATAMAN O. Y.  
Spectrochimica Acta - Part B Atomic Spectroscopy, cilt.63, sa.8, ss.856-860, 2008 (SCI İndekslerine Giren Dergi)
- CCXXXII. **Determination of lead, cadmium and copper in roadside soil and plants in Elazig, Turkey**  
Bakırdere S., Yaman M.  
Environmental Monitoring and Assessment, cilt.136, ss.401-410, 2008 (SCI İndekslerine Giren Dergi)
- CCXXXIII. **Estimation of human daily boron exposure in a boron-rich area**  
Korkmaz M., Şayli U., Şayli B. S. , Bakırdere S., Titretir S., ATAMAN O. Y. , Keskin S.  
British Journal of Nutrition, cilt.98, sa.3, ss.571-575, 2007 (SCI İndekslerine Giren Dergi)
- CCXXXIV. **Effects of dietary boron on cervical cytopathology and on micronucleus frequency in exfoliated buccal cells**  
Korkmaz M., Uzgören E., Bakırdere S., Aydın F., ATAMAN O. Y.  
Environmental Toxicology, cilt.22, sa.1, ss.17-25, 2007 (SCI İndekslerine Giren Dergi)
- CCXXXV. **Comparison of dry, wet, and microwave ashing methods for the determination of Al, Zn, and Fe in yogurt samples by atomic absorption spectrometry**  
Yaman M., Durak M., Bakırdere S.  
Spectroscopy Letters, cilt.38, ss.405-417, 2005 (SCI İndekslerine Giren Dergi)
- CCXXXVI. **Comparison of trace metal concentrations in malign and benign human prostate**  
Yaman M., Atici D., Bakırdere S., Akdeniz I.  
Journal of Medicinal Chemistry, cilt.48, sa.2, ss.630-634, 2005 (SCI İndekslerine Giren Dergi)
- CCXXXVII. **Zinc speciation in soils and relation with its concentration in fruits**  
Yaman M., Okumus N., Bakırdere S., Akdeniz I.  
Asian Journal of Chemistry, cilt.17, sa.1, ss.66-72, 2005 (SCI İndekslerine Giren Dergi)
- :CXXXVIII. **Identification of chemical forms of lead, cadmium and nickel in sewage sludge of waste water treatment facilities**  
Yaman M., Bakırdere S.  
Mikrochimica Acta, cilt.141, ss.47-54, 2003 (SCI İndekslerine Giren Dergi)
- CCXXXIX. **Contamination of aluminium from cooking utensils and yogurt containers**  
Yaman M., Gunes M., Bakırdere S.

## **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Bor elementinin prostat kanseri üzerine etkisinin incelenmesi: Topluma dayalı çalışma**  
BAKIRDERE S., Korkmaz M.  
ÜROONKOLOJİ BÜLTENİ, 2011 (Hakemsiz Dergi)
- II. **Effect of boron on human health**  
BAKIRDERE S., Örenay S., Korkmaz M.  
The Open Mineral Processing Journal, cilt.3, ss.54-59, 2010 (Diğer Kurumların Hakemli Dergileri)

## **Kitap & Kitap Bölümleri**

- I. **Fundamentals of Quorum Sensing, Analytical Methods and Applications in Membrane Bioreactors, Volume 81**  
Chormey D. S. , BAKIRDERE S.  
Elsevier, 2018
- II. **Principles and Recent Advancements in Microextraction Techniques**  
Chormey D. S. , Bakirdere S.  
Comprehensive Analytical Chemistry, Chormey D.S.,Bakirdere S.,Turan N.B.,Engin G.O., Editör, Elsevier B.V., Amsterdam, ss.257-294, 2018
- III. **Speciation Studies in Soil, Sediment and Environmental Samples**  
Bakirdere S.  
Crc Press/Taylor-Francis Group, Florida, 2013

## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Measurements of Iron in a Candidate Seawater CRM by Triple Quadrupole ICPMS/MS with Isotope Dilution Calibration Strategies**  
Arı B., Can S., Bakirdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.88
- II. **Feasibility Studies on the Migration and Bioaccessibility of Environmental Pollutants in Plants, and Simulation under Intestinal and Gastric Conditions**  
Chormey D. S. , Fırat Ayyıldız M., Bakirdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.96
- III. **A Simple, Accurate and Sensitive Analytical Strategy for Propoxur Determination in Raisin Samples using Gas Chromatography - Mass Spectrometry with Matrix Matching Method after Vortex Assisted Dispersive Liquid - Liquid Microextraction and Assessment of Green Profile**  
Borahan T., Tekin Z., Zaman B. T. , Chormey D. S. , Bakirdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.105
- IV. **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

- V. **A Sensitive and Accurate Analytical Strategy: 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**  
Karlıdağ N. E. , Koçoğlu E. S. , Toprak M., Yılmaz Ö., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.137
- VI. **Determination of Indium using Sieve Conducted Two Syringe based Pressurized Liquid Phase Microextraction - Slotted Quartz Tube - Flame Atomic Absorption Spectrometry System**  
Unutkan T., Borahan T., Girgin A., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.132
- VII. **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**  
Bakırdere E. G. , Akarçay N. A. , Zaman B. T. , Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.89
- VIII. **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
- IX. **Determination of Oxcarbazepine in Urine and Blood Samples by Gas Chromatography - Mass Spectrometry after Switchable Solvent Liquid Phase Microextraction Method**  
Erarpat S., Bodur S., Ayyıldız M. F. , Günkara Ö. T. , Erulaş F. A. , Chormey D. S. , Turak F., Budak T., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.174
- X. **Detection Power Improvement Strategies in Flame Atomic Absorption Spectrophotometry**  
Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.39
- XI. **Determination of Selected Endocrine Disrupting Compounds in Baby Food and Different Water Samples by GC - FID after Reduced Graphene Oxide Magnetic Nanoparticles Based Vortex - Assisted Micro Solid Phase Extraction**  
Fırat Ayyıldız M., Fındıkoğlu M. S. , Chormey D. S. , Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.136
- XII. **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., Bakırdere E. G. , Kasa N. A. , Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.139
- XIII. **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
- XIV. **Cd+2 Determination by Anodic Stripping Voltammetry Using Hg - Bi Bimetallic Film Electrodes**

Yaman B., Dilgin Y., Bakırdere S.

2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.186

- XV. **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
- XVI. **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
- XVII. **Simultaneous Determination of Dioxacarb, Trifluralin, Tefluthrin And Flumetralin in Tap Water and Wastewater Samples by Gas Chromatography Mass Spectrometry after Vortex Assisted Switchable Solvent Based Liquid Phase Microextraction**  
Dalgıç Bozyiğit G., Fırat Ayyıldız M., Chormey D. S. , Engin G., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.103
- XVIII. **An Accurate and Precise Determination Method for Propineb in Black Tea and Infant Formula Samples by GC - MS after Applying a New Derivatization Technique and Dispersive Liquid - Liquid Microextraction Method**  
Bodur S., Erarpat S., Günkara Ö. T. , Chormey D. S. , Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.104
- XIX. **Trace cobalt determination in lake water samples by ultraviolet based photochemical vapor generation - T - shaped slotted quartz tube atom trap - flame atomic absorption spectrophotometry**  
Yazıcı E., Büyükpınar Ç., San N., Komesli O. T. , Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, cilt.91, ss.91
- XX. **Trace Determination of Cadmium using Ultrasound Assisted Deep Eutectic Solvent Microextraction - Slotted Quartz Tube - Flame Atomic Absorption Spectrometry**  
Unutkan T., Tışlı B., Tekin Z., Çetin G., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.92
- XXI. **Trace Determination of Organochlorine Pesticides and Hormones by the Combination of QuEChERS and Ultrasonic - Assisted Switchable Solvent Liquid Phase Microextraction with GC - MS**  
Yılmaz Durak B., Chormey D. S. , Fırat Ayyıldız M., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.135
- XXII. **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., Sağısöz O., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.140
- XXIII. **Zirconium Nanoparticles based Solid Phase Extraction Prior to Slotted Quartz Tube - Flame Atomic Absorption Spectrophotometry for the Determination of Cadmium in Wastewater Samples and Evaluation of Green Profile**  
Tekin Z., Özdoğan N., Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.93

- XXIV. **A Novel Analytical Strategy for the Determination of Cadmium in Milk Powder, Linden and Mint Samples: Molybdenum Coated T - Shaped Slotted Quartz Tube - Flame Atomic Absorption Spectrophotometry (Mo - T - SQT - AT - FAAS)**  
Kasa N. A. , Büyükpınar Ç., Erulaş F. A. , Bakırdere S.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Türkiye, 11 - 14 Mart 2020, ss.94
- XXV. **Toxic And Endocrine Disrupter Chemicals In Foods And Food Chain**  
Bakırdere S.  
1st International Conference on Preventive Medicine, Antalya, Türkiye, 12 - 14 Kasım 2019
- XXVI. **Ultraviolet Based Photochemical Vapor Generation T-Shaped Slotted Quartz Tube-Atom Trap-Flame Atomic Absorption Spectrophotometry for the Accurate and Sensitive Determination of Antimony**  
Yazıcı E., Büyükpınar Ç., San N., Komesli O. T. , Bakırdere S.  
2nd International Environmental Chemistry Congress (EnviroChem), Antalya, Türkiye, 31 Ekim - 03 Kasım 2019
- XXVII. **Optimization of a Highly Selective Dispersive Solid Phase Extraction Method Using Oleic Acid Functionalized Magnetic Nanoparticles for the Determination of Fenazaquin at Trace Levels in Almond Samples by Gas Chromatography Mass Spectrometry**  
Bakaraki Turan N., Zaman B. T. , Bakırdere S.  
2nd International Environmental Chemistry Congress (EnviroChem), Antalya, Türkiye, 31 Ekim - 03 Kasım 2019
- XXVIII. **Enhancing the accuracy and precision in quantifying the pesticides present in complex environmental and food samples by GC-MS using matrix matching calibration and isotopically labeled internal standard**  
DALGIÇ BOZYİĞİT G., FIRAT M., CHORMEY D. S. , ENGİN G., BAKIRDERE S.  
11th Eastern European Young Water Professionals Conference, 1 - 05 Ekim 2019, ss.294-301
- XXIX. **The Device Design for Thin-Film Coating That Combines Different Techniques for High Efficiency**  
Özşahin M., Toker O., Kılıç M., Bakırdere S., İçelli O.  
Balkan 1. Uluslararası Uygulamalı Bilimler Kongresi, Edirne, Türkiye, 5 - 07 Nisan 2019, ss.63-64
- XXX. **Simultaneous Determination of Selected Drug Active Compounds in Wastewater Matrix by Binary Solvent Dispersive Liquid-Liquid Microextraction-LC-QTOF-MS/MS System**  
Koçoğlu E. S. , Sözüdoğru O., Komesli O. T. , Yılmaz A. E. , Öztürk Er E., Bakırdere S.  
1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Türkiye, 27 Mart 2019, ss.223
- XXXI. **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
- XXXII. **Solid Phase Microextraction Strategies in the Determination of Organic/Inorganic Analytes**  
BAKIRDERE S.  
1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Türkiye, 27 Mart 2019, ss.33
- XXXIII. **An Accurate and Sensitive Reverse Phase High Performance Liquid Chromatography Method for the Determination of Arbutin in Blueberry Samples**  
Yılmaz Durak B., Sel S., BAKIRDERE S.  
1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Türkiye, 27 Mart 2019, ss.223
- XXXIV. **Sensitive 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., Bakariki Turan N., TURAK F., BAKIRDERE S.  
1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Türkiye, 27 Mart 2019, ss.225

- XXXV. **Accurate and Sensitive Speciation of Chromium in Tap and Lake Water Samples by using HPLC-ICP-MS**  
Sel S., Bakırdere S.  
1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Türkiye, 27 Mart 2019, ss.225
- XXXVI. **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.  
1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Türkiye, 27 Mart 2019, ss.224
- XXXVII. **Sensitive and Accurate Determination of Butyltin Compounds in Fish and Mussel Samples by Vortex Assisted Dispersive Liquid-Liquid Microextraction-Gas Chromatography Mass Spectrometry**  
Erarpat S., Bodur S., Öz E., Bakırdere S.  
1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Türkiye, 27 - 30 Mart 2019, ss.159
- XXXVIII. **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
- XXXIX. **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.  
1st INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Antalya, Türkiye, 27 Mart 2019, ss.226
- XL. **Strategies to Obtain High Accuracy and Sensitivity in Chromatographic Systems**  
Bakırdere S.  
Uluslararası katılımlı 18. Ulusal Kromatografi Kongresi, İstanbul, Türkiye, 15 - 18 Kasım 2018
- XLI. **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**  
Fındıkoğlu M. S. , Fırat M., Chormey D. S. , TURAK F., Şahin Ç., BAKIRDERE S.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- XLII. **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.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- XLIII. **Development of simultaneous determination method for selected pharmaceuticals and pesticides in wastewater by GC-MS to build up the treatment strategies**  
DALGIÇ BOZYİĞİT G., Fırat M., Chormey D. S. , ENGİN G., BAKIRDERE S.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- XLIV. **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
- XLV. **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**

- Özzeybek 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
- XLVI. **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
- XLVII. **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., Kapukran F., Chormey D. S. , BAKIRDERE S.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- XLVIII. **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.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- XLIX. **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. , Yılmaz A. E. , Bakirdere S.  
11th Aegean Analytical Chemistry Days (AACD2018), Hania, Yunanistan, 25 Eylül 2018
- L. **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**  
Chormey D. S. , Akkaya E., Erulaş A. F. , BAKIRDERE S.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- LI. **A rapid and sensitive RP-HPLC method for simultaneous determination of ibuprofen and paracetamol in drug samples and their behaviour in simulated gastric conditions**  
Borahan T., UNUTKAN T., Şahin A., BAKIRDERE S.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- LII. **Accurate and sensitive analytical strategy for the determination of trace antimony: Hydrogen assisted T-shaped slotted quartz tube-atom trap-flame atomic absorption spectrometry**  
UNUTKAN T., KOYUNCU İ., Diker C., Fırat M., BÜYÜKPINAR Ç., BAKIRDERE S.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- LIII. **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.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- LIV. **Analytical strategies to obtain lower detection limits, 11th Aegean Analytical Chemistry Days**  
Bakirdere S.  
11th Aegean Analytical Chemistry Days (AACD2018), Hania, Yunanistan, 25 - 29 Eylül 2018
- LV. **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. , BAKIRDERE S., TURAK F.  
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- LVI. **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**  
Bodur S., Erarpat S., Chormey D. S. , Büyükpınar Ç., Bakirdere S.  
11th Aegean Analytical Chemistry Days, Hania, Yunanistan, 25 - 29 Eylül 2018
- LVII. **Toxicity Effect Investigation of Graphene Oxide Addition into a Three-Component Scaffold Composed of Hydroxyapatite-Graphene Oxide-Chitosan for Bone Tissue Engineering Applications**  
YILMAZ P., ÖZTÜRK ER E., BAKIRDERE S., Ülgen K., ÖZBEK B.

- 23rd International Congress of Chemical and Process Engineering (CHISA 2018), Prag, Çek Cumhuriyeti, 25 Ağustos 2018, ss.165
- LVIII. **Production and characterization studies of a three-component scaffold composed of hydroxyapatite-graphene oxide-chitosan for bone tissue engineering applications**  
YILMAZ P., ÖZTÜRK ER E., BAKIRDERE S., Ülgen K., ÖZBEK B.  
23rd International Congress of Chemical and Process Engineering (CHISA 2018), Prag, Çek Cumhuriyeti, 25 Ağustos 2018
- LIX. **Kurşun elementinin manyetik nanopartikül yardımcı önderiştirilme sonrası SQT-FAAS cihazıyla eser seviyelerde tayini**  
Erulaş A. F., Akkaya E., BÜYÜKPINAR Ç., BAKIRDERE S.  
International Trace Analysis Congress (ITAC2018), Sivas, Türkiye, 20 Haziran 2018
- LX. **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., BÜYÜKPINAR Ç., TURAK F., BAKIRDERE S.  
International Trace Analysis Congress (ITAC2018), Sivas, Türkiye, 20 Haziran 2018
- LXI. **Determination of Ultratrace Cadmium by a New Combination: 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., ÇETİN G., BAKIRDERE S.  
8TH BLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY, İstanbul, Türkiye, 09 Mayıs 2018, ss.67
- LXII. **Determination of Cadmium in Aqueous Samples Using a Sensitive Closed Batch Vessel Hydride Generation Atomic Absorption Spectrometry Method**  
BÜYÜKPINAR Ç., Bekar B., Maltepe E., Chormey D. S., TURAK F., SAN N., BAKIRDERE S.  
8TH BLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY, İstanbul, Türkiye, 09 Mayıs 2018, ss.179
- LXIII. **Novel analytical strategies for the accurate and sensitive determination of the environmental contaminants**  
Chormey D. S., BAKIRDERE S.  
8th International Conference of Young Scientists and GYA Annual General Meeting, Pattaya, Tayland, 07 Mayıs 2018
- LXIV. **Determination of Cadmium in Environmental Samples by Slotted Quartz Tube Flame Atomic Absorption Spectrometry after Vortex Assisted Switchable Liquid-Liquid Microextraction**  
Fırat M., Bodur S., Tışlı B., Özlü C., Chormey D. S., TURAK F., BAKIRDERE S.  
8TH BLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY, İstanbul, Türkiye, 09 Mayıs 2018, ss.177
- LXV. **Quadrupole Isotope Dilution Mass Spectrometry-Dispersive Liquid-Liquid Microextraction Using Multivariate Optimization: A Novel Analytical Approach for the Determination of Parathion Methyl in Water**  
Chormey D. S., ÖZTÜRK ER E., ERARPAT S., Özzeybek G., Arı B., BAKIRDERE S.  
8TH BLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY, İstanbul, Türkiye, 09 Mayıs 2018, ss.41
- LXVI. **Determination of Harmful Aromatic Amine Products after Azo Dyes Reductive Cleavage by Gas Chromatography Mass Spectrometry**  
Chormey D. S., Zaman B. T., Maltepe E., BÜYÜKPINAR Ç., BULGURCUOĞLU A. E., TURAK F., Erulaş F., BAKIRDERE S.  
8TH BLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY, İstanbul, Türkiye, 09 Mayıs 2018, ss.176
- LXVII. **Development of a Sensitive and Accurate Dispersive Liquid-Liquid Microextraction Strategy for the Determination of Harmful Azo Dyes Products by Gas Chromatography-Mass Spectrometry**  
Balçık U., Chormey D. S., Fırat M., BAKIRDERE S.  
8TH BLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY, İstanbul, Türkiye, 09 Mayıs 2018, ss.185
- LXVIII. **Development of an Accurate and Sensitive Analytical Method for the Determination of Cadmium Using Hydrogen Assisted T-Shape Slotted Quartz Tube-Atom Trap-Flame Atomic Absorption Spectrophotometry**  
Şahin İ., Büyükpınar Ç., San N., Bakırdere S.  
8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), İstanbul, Türkiye, 9 - 11 Mayıs 2018
- LXIX. **A New Analytical Strategy for the Determination of Indium**

- Çelik B., Akkaya E., Bakırdere S., Aydın F.  
8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), İstanbul, Türkiye, 9 - 11 Mayıs 2018
- LXX. **Investigation of the variations in Se, Cr, Mn, Zn, Co, Na, K concentrations in blood samples of breast cancer patients**  
Toker O., Topdağı Ö., Bakırdere S., Bursaloğlu E. O., Öz E., Eyecioğlu Ö., Karabul Y., Çağlar M., İçelli O.  
International Advanced Researches and Engineering Congress, Osmaniye, Türkiye, 16 - 18 Kasım 2017, ss.2713
- LXXI. **Study of electron density via some elements in breast cancer patients' blood samples**  
Toker O., Topdağı Ö., Bakırdere S., Bursaloğlu E. O., Öz E., Eyecioğlu Ö., Karabul Y., Çağlar M., İçelli O.  
International Advanced Researches and Engineering Congress, Osmaniye, Türkiye, 16 - 18 Kasım 2017, ss.2714
- LXXII. **A Sensitive and Selective Method For Simultaneous Determination of Sildenafil and Tadalafil in Tap Water and Sewage Sludge Samples by LC-QTOF-MS/MS**  
ÖZTÜRK ER E., BAKIRDERE S., ÖZBEK B.  
7th International IUPAC Conference on Green Chemistry, Moscow, Rusya, 02 Ekim 2017, ss.49
- LXXIII. **Dispersive Liquid-Liquid Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry for the Sensitive Determination of Lead in Mussel and Sea Water Samples**  
Özzybek G., ERARPAT S., Chormey D. S., BAKIRDERE S.  
7th International IUPAC Conference on Green Chemistry, Moskova, Rusya, 02 Ekim 2017, ss.49
- LXXIV. **Matrix Matching and Matrix Dilution for the Accurate Determination of Pesticides, Hormones and Endocrine Disruptor Compounds in Complex Matrices**  
Chormey D. S., Fırat M., BÜYÜKPINAR Ç., TURAK F., Erulaş F., Komesli O. T., BAKIRDERE S.  
7th International IUPAC Conference on Green Chemistry, Moskova, Rusya, 02 Ekim 2017, ss.19
- LXXV. **Simultaneous Determination of Niacin and Pyridoxine at Trace Levels by Using HPLC and LC-QTOF-MS/MS**  
Sel S., ÖZTÜRK ER E., TURAK F., BAKIRDERE S.  
7th International IUPAC Conference on Green Chemistry, Moskova, Rusya, 02 Ekim 2017, ss.56
- LXXVI. **Sensitive Determination of Cadmium Using Solidified Floating Organic Drop Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry**  
Akkaya E., Chormey D. S., BAKIRDERE S.  
7th International IUPAC Conference on Green Chemistry, Moskova, Rusya, 02 Ekim 2017, ss.15
- LXXVII. **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**  
BÜYÜKPINAR Ç., Maltepe E., Chormey D. S., SAN N., BAKIRDERE S.  
7th International IUPAC Conference on Green Chemistry, Moskova, Rusya, 02 Ekim 2017, ss.42
- LXXVIII. **Determination of Cadmium in Wastewater at Ultratrace Levels by Dispersive LiquidLiquid Microextraction and Batch Type Hydride Generation Atomic Absorption Spectrometry**  
Kasa N. A., Chormey D. S., Büyükpınar Ç., Turak F., Budak T., Bakırdere S.  
7th International IUPAC Conference on Green Chemistry, Moscow, Rusya, 2 - 05 Ekim 2017
- LXXIX. **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
- LXXX. **Arsenic Speciation in Chicken and Water Samples at Trace Levels by Ion Chromatography-Inductively Coupled Plasma-Mass Spectrometry**  
Fırat M., BAKIRDERE S., Sel S., Chormey D. S., Elkıran Ö., Erulaş F., TURAK F.  
7th International IUPAC Conference on Green Chemistry, Moskova, Rusya, 02 Ekim 2017, ss.64
- LXXXI. **Sensitive Determination of Lead using Slotted Quartz T Tube-Atom Trap-Flame Atomic Absorption Spectrometry**  
Uslu H., UNUTKAN T., Serbest H., BÜYÜKPINAR Ç., TURAK F., BAKIRDERE S.  
7th International IUPAC Conference on Green Chemistry, Moskova, Rusya, 02 Ekim 2017, ss.58
- LXXXII. **A Novel Liquid-Liquid Extraction for the Determination of Sertraline in Tap Water and Waste Water**

## **Samples at Trace Levels by GC-MS**

KOÇOĞLU E. S. , BAKIRDERE S., KEYF S.

7th International IUPAC Conference on Green Chemistry, 2 - 05 Ekim 2017

- LXXXIII. **Sensitive Determination of Copper in Water Samples Using Dispersive Liquid-Liquid Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry**  
Bakirdere S., Erarpat S., Özzeybek G., Chormey D. S. , Fırat M., Büyükpınar Ç., Turak F.  
7th International IUPAC Conference on Green Chemistry, Moscow, Rusya, 2 - 05 Ekim 2017
- LXXXIV. **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.  
5th International Conference on Sustainable Solid Waste Management, Athens, Yunanistan, 21 - 24 Haziran 2017
- LXXXV. **Antimonun Yarıklı Kuartz Tüp-Alevli Atomik Absorpsiyon Sistemi ile Düşük Seviyelerde Tayini**  
KOYUNCU İ., BAKIRDERE S., BÜYÜKPINAR Ç.  
8. Öğrenci Kongresi, 16 - 18 Mayıs 2017
- LXXXVI. **Volatile Compound Generation Strategies in Analytical Chemistry**  
Bakirdere S.  
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül 2016, ss.14
- LXXXVII. **Simultaneous Determination of Sildenafil and Tadalafil in Legal, Illicit/Counterfeit Drugs and Waste Water Samples by High Performance Liquid Chromatography**  
Fidan A. K. , BAKIRDERE S.  
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül 2016, ss.86
- LXXXVIII. **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., Özzeybek G., Chormey D. S. , Erulaş F., TURAK F., BAKIRDERE S.  
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül 2016, ss.238
- LXXXIX. **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. , BÜYÜKPINAR Ç., BAKIRDERE S.  
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül 2016, ss.35
- XC. **Determination of Trace Amount of Cadmium using Dispersive Liquid Liquid Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry**  
Fırat M., Fındıkoğlu M. S. , Kafa B., Yazıcı E., Yolcu M., Büyükpınar Ç., Chormey D. S. , Sel S., Turak F., Bakirdere S.  
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016, ss.107
- XCII. **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**  
SERBEST H., BAKIRDERE S., KEYF S.  
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016, ss.3
- XCIII. **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**  
BAKIRDERE S., Chormey D. S. , Büyükpınar Ç., SAN N., KEYF S.  
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016, ss.32
- XCIV. **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.  
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016, ss.21
- XCIV. **SERTRALİNİN GC-MS SİSTEMİNDE DÜŞÜK SEVİYELERDE TAYİNİNE YÖNELİK ANALİTİK YÖNTEM GELİŞTİRİLMESİ VE YAPAY MİDE ORTAMINDAKİ KARARLILIĞININ TESPİT EDİLMESİ**  
Koçoğlu E. S. , Bakirdere S., Keyf S.  
EsAn-2016, IV. ESER ANALİZ KONGRESİ, Sakarya, Türkiye, 19 - 22 Mayıs 2016, ss.65
- XCV. **Çevre Örneklerinde Cr(III) Ve Cr(VI) Türlerinin IC-ICP-MS Sisteminde Eser Seviyelerde Eşzamanlı**



## Tayinleri

Sel S., Erulaş F., Turak F., Göksu R., Bakırdere S.

Es-An 2016, IV. Eser Analiz Kongresi, Sakarya, Türkiye, 19 - 22 Mayıs 2016

- XCVI. Determination of Radiation Shielding and Dielectric Properties on Sodium Silicate/Tungsten Glass Structure**  
Kılıç M., Karabul Y., Alkan Ü., Okutan M., Bakırdere S., İçelli O.  
2nd International Conference on Organic Electronic Material Technologies (OEMT-2016), Çanakkale, Türkiye, 17 Mayıs 2016, ss.102
- XCVII. Magnetic Field Effect on Electrical Properties of Conducting PANI/Cu Composites**  
Karabul Y., Kılıç M., Okutan M., Bakırdere S., İçelli O.  
2nd International Conference on Organic Electronic Material Technologies (OEMT-2016), Çanakkale, Türkiye, 17 - 19 Mayıs 2016
- XCVIII. Quorum Quenching For Biofilm Formation Prevention**  
NOUHA B., ENGİN G., SARI ERKAN H., DOTSE SELALİ C., BAKIRDERE S.  
EURASIA 2016 Waste Management Symposium, 2 - 04 Mayıs 2016
- XCIX. The study of electron densities of some food products for different drying technics**  
Nuroğlu E., Bakırdere S., İçelli O.  
International Physics Conference at the Anatolian Peak, Erzurum, Türkiye, 25 - 26 Şubat 2016, ss.287
- C. 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**  
Toker O., Karabul Y., Bursalıoğlu E., Bakırdere S., İçelli O., Sarıbal D.  
International Physics Conference at the Anatolian Peak, Erzurum, Türkiye, 25 - 27 Şubat 2016, ss.294
- CI. Türk Makam Müziğinde Taş Plakların Rolü, Plakların Fiziksel/Kimyasal Analizleri ve Sonuçların Ses Kalitesiyle İlişkisi**  
Seltuğ D., Bakırdere S., Turgay N. Ö. , Büyükpınar Ç., Akdeniz İ., Aksakal B.  
XIV. Ulusal Spektroskopi Kongresi, Elazığ, Türkiye, 29 - 31 Mayıs 2015
- CII. Comparison of EDCs Removal in Full and Pilot Scale Membrane Bioreactor Plants: Effect of flux rate on EDCs removal in short SRT**  
Komesli O. T. , Muz M., Sönmez S., Bakırdere S., Gökçay C. F.  
International Conference Industrial Waste & Wastewater Treatment & Valorisation (IWWATV), Athens, Yunanistan, 21 - 23 Mayıs 2015, ss.1-16
- CIII. İçme sularındaki eser miktardaki bakır tayini için yeni bir yöntem**  
Güneri A., Aydın I., Bakırdere S., Aydın F., Ataman O. Y.  
III. Eser Analiz Çalıştayı, Tokat, Türkiye, 15 - 18 Mayıs 2014, ss.108
- CIV. Su örneklerinde bulunan arsenik, kadmiyum ve kurşunun optimize edilmiş Pd-Mg ve Ni matriks modifierli grafit fırınlı atomik absorpsiyon spektrofotometre sistemi ile eser seviyelerdeki tayinleri**  
Bakırdere S., Yaroğlu T., Tırık N., Demiröz M., Fidan A. K. , Maruldalı O., Karaca A.  
III. Eser Analiz Çalıştayı, Tokat, Türkiye, 15 - 18 Mayıs 2014
- CV. Characterization of limestone figurines from Datça-Emecik bu using rare earth elements**  
Muşkara Ü., Bakırdere S., Tuna N., Ataman O. Y.  
8th Eagean Analytical Chemistry Days, İzmir, Türkiye, 16 - 20 Eylül 2012
- CVI. In situ atom trapping of Bi on W coated Slotted Quartz Tube Atomic Absorption Spectrometry**  
Kılınç E., Aydın F., Bakırdere S., Ataman O. Y.  
3rd PAK-TURK Conference on Chemical Sciences, Bursa, Türkiye, 13 - 15 Eylül 2012, ss.57
- CVII. 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**  
Muz M., Sönmez M. S. , Komesli O. T. , Bakırdere S., Gökçay C. F.  
VI. Ulusal Analitik Kimya Kongresi, Hatay, Türkiye, 3 - 07 Eylül 2012, ss.32
- CVIII. İnorganik antimony speciation using tungsten coil atom trap and Hydride Generation Atomic Absorption Spectrometry**  
Akay P., Yıldırım E., Arslan Y., Bakırdere S., Ataman O. Y.

- XII. Ulusal Spektroskopi Kongresi, Antalya, Türkiye, 18 - 22 Mayıs 2011, ss.19
- CIX. **ICPMS ile güvenilir bor tayini için örneklerden karbon uzaklaştırma çalışmaları**  
Bora S., Evcimen İ., Bakırdere S., Ataman O. Y.  
XII. Ulusal Spektroskopi Kongresi, Antalya, Türkiye, 18 - 22 Mayıs 2011
- CX. **ICPMS ile prostat kanserli doku örneklerinde selenyum ve kadmiyum tayini**  
Şenol F., Çelen İ., Müezzinoğlu T., Ataman O. Y. , Bakırdere S., Korkmaz M., Neşe N., Lekili M.  
XII. Ulusal Spektroskopi Kongresi, Antalya, Türkiye, 18 - 22 Mayıs 2011
- CXI. **Yarıklı kuvars tüp-Atomik Absorpsiyon Spektrometri ile bizmut tayini**  
Kılınç E., Bakırdere S., Aydın F., Ataman O. Y.  
XII. Ulusal Spektroskopi Kongresi, Antalya, Türkiye, 18 - 22 Mayıs 2011, ss.9
- CXII. **Tellurium speciation using hydride generation atomic absorption spectrometry and In-Situ graphite cuvette trapping**  
Yıldırım E., Akay P., Arslan Y., Bakırdere S., Ataman O. Y.  
7th Aegean Analytical Chemistry Days, Mitilini, Yunanistan, 29 Eylül - 03 Ekim 2010, ss.33
- CXIII. **Boron determination in human blood by ICP-MS**  
Bora S., Bakırdere S., Ataman O. Y.  
7th Aegean Analytical Chemistry Days, Mitilini, Yunanistan, 29 Eylül - 03 Ekim 2010, ss.73
- CXIV. **Determination of As, Cd and Se in Anatolian spices by inductively coupled plasma mass-spectrometry**  
Şenol F., Bakırdere S., Aydın F., Ataman O. Y.  
7th Aegean Analytical Chemistry Days, Mitilini, Yunanistan, 29 Eylül - 03 Ekim 2010, ss.182
- CXV. **Determination of thiols in biological samples using HPLC-ICP-MS and HPLC-Orbitrap MS**  
Bakırdere S., Bramanti E., D'Ulivo A., Ataman O. Y. , Mester Z.  
5. Ulusal Analitik Kimya Kongresi, Erzurum, Türkiye, 21 - 25 Haziran 2010, ss.50
- CXVI. **Semen örneklerinde ICP-MS ile bor tayini**  
Aydın M., Özdemir E., Özcan Ş., Bora S., Arslan Y., Bakırdere S., Ataman O. Y.  
5. Ulusal Analitik Kimya Kongresi, Erzurum, Türkiye, 21 - 25 Haziran 2010, ss.215
- CXVII. **Hava filtresi örneklerinde ICP-OES ile bor tayini**  
Yıldırım E., Bora S., Arslan Y., Bakırdere S., Ataman O. Y.  
5. Ulusal Analitik Kimya Kongresi, Erzurum, Türkiye, 21 - 25 Haziran 2010, ss.118
- CXVIII. **Development of a sensitive analytical method for thallium determination using slotted tube atom trap and atomic absorption spectrometry**  
Yıldıran A., Bakırdere S., Ataman O. Y.  
5th Black Sea Basin Conference on Analytical Chemistry, Ordu, Türkiye, 23 - 26 Eylül 2009, ss.50
- CXIX. **Determination of bismuth using hydride generation-W-Trap-ICPMS**  
Bakırdere S., Yıldıran A., Alp T. N. , Ataman O. Y.  
5th Black Sea Basin Conference on Analytical Chemistry, Ordu, Türkiye, 23 - 26 Eylül 2009, ss.34
- CXX. **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
- CXXI. **Determination of lead by in-situ graphite cuvette trapping hydride generation atomic absorption spectrometry**  
Yıldırım E., Akay P., Bakırdere S., Ataman O. Y.  
5th Black Sea Basin Conference on Analytical Chemistry, Ordu, Türkiye, 23 - 26 Eylül 2009, ss.51
- CXXII. **HPLC-ICPMS ile selenyum türleme çalışmaları**  
Bakırdere S., Volkan M., Ataman O. Y.  
XI. Ulusal Spektroskopi Kongresi, Ankara, Türkiye, 23 - 26 Haziran 2009, ss.33
- CXXIII. **Tantal kaplanmış yarıklı kuvars tüp atom tuzağı-alevli AAS ile kurşun tayini**  
Demirtaş İ., Bakırdere S., Arslan Y., Ataman O. Y.  
XI. Ulusal Spektroskopi Kongresi, Ankara, Türkiye, 23 - 26 Haziran 2009
- CXXIV. **İdrar örneklerinde ICP-OES ile bor tayini**

- Ataman S., Karaman G., Bora S., Akay P., Arslan Y., Bakırdere S., Korkmaz M., Ataman O. Y.  
XI. Ulusal Spektroskopi Kongresi, Ankara, Türkiye, 23 - 26 Haziran 2009, ss.81
- CXXXV. **Gıda örneklerinde ICPMS ile bor tayini**  
Karaman G., Atakol A., Bora S., Njie N., Yıldırım E., Bakırdere S., Ataman O. Y.  
XI. Ulusal Spektroskopi Kongresi, Ankara, Türkiye, 23 - 26 Haziran 2009, ss.77
- CXXXVI. **Kolay iyonlaşan elementlerin ICPMS ile arsenik tayininde girişim etkileri**  
Özcan Ş., Şenol F., Bakırdere S., Ataman O. Y.  
XI. Ulusal Spektroskopi Kongresi, Ankara, Türkiye, 23 - 26 Haziran 2009, ss.75
- CXXXVII. **Elektrokimyasal hidrür oluşturma ve tungsten atom tuzaklı atomik absorpsiyon spektrometri ile antimon tayini**  
Yıldıran A., Arı B., Bakırdere S., Ataman O. Y.  
XI. Ulusal Spektroskopi Kongresi, Ankara, Türkiye, 23 - 26 Haziran 2009, ss.76
- CXXXVIII. **Bor elementinin erkeklerde prostat büyüklüğü ve alt üriner sistem septomlarına etkisi**  
Müezzinoğlu T., Korkmaz M., Çelen İ., Ataman O. Y., Bora S., Bakırdere S., Lekili M., Keskin S.  
XI. Ulusal Spektroskopi Kongresi, Ankara, Türkiye, 23 - 26 Haziran 2009, ss.80
- CXXXIX. **Determination of gold concentration in ng mL<sup>-1</sup> levels by hydride generation atomic absorption spectrometry using a novel gas liquid separator and W-Coil Trap**  
Gholami M., Arslan Y., Bakırdere S., Ataman O. Y.  
6th Aegean Analytical Chemistry Days, Denizli, Türkiye, 9 - 12 Ekim 2008
- CXXX. **Sensitive determination of cadmium at ng/mL level using slotted quartz tube atom trapping and metal coating**  
Özcan P., Bakırdere S., Ataman O. Y.  
6th Aegean Analytical Chemistry Days, Denizli, Türkiye, 9 - 12 Ekim 2008
- CXXXI. **Development of a sensitive analytical method for antimony determination using a Ta-Coated SQT and FAAS**  
Tekbaş Z., Bakırdere S., Alp T. N., Arslan Y., Şenol F., Ataman O. Y.  
6th Aegean Analytical Chemistry Days, Denizli, Türkiye, 9 - 12 Ekim 2008
- CXXXII. **Selenium speciation: Analytical chemistry in solution of a universal nutrition issue**  
Bakırdere S., Volkan M., Eren M., Ataman O. Y.  
XXII. Ulusal Kimya Kongresi, Gazimagusa, Kıbrıs (Kkct), 6 - 10 Ekim 2008
- CXXXIII. **Boron intakes in selected populations in Turkey and the US**  
Meacham S., Şaylı U., Korkmaz M., Carper S., Bakırdere S., Ataman O. Y.  
The Federation of American Societies for Experimental Biology publishes, FASEB Journal, Stanford University Libraries, California, Amerika Birleşik Devletleri, 10 - 12 Temmuz 2008
- CXXXIV. **Bıldırcın yumurtalarında C18-HPLC-ICPMS sistemi ile organik selenyum türlerinin tayini**  
Aksu S., Bakırdere S., Volkan M., Ataman O. Y.  
IV. Ulusal Analitik Kimya Kongresi, Elazığ, Türkiye, 25 - 27 Haziran 2008, ss.39
- CXXXV. **Yarıklı kuvars tüp-alevli AAS ile talyum tayininde girişim çalışmaları**  
Arı B., Bakırdere S., Ataman O. Y.  
IV. Ulusal Analitik Kimya Kongresi, Elazığ, Türkiye, 25 - 27 Haziran 2008, ss.180
- CXXXVI. **Bor maden alanlarındaki içme sularında AE-HO-AAS kullanarak arsenik tayini**  
Göçmen Ö., Bakırdere S., Korkmaz M., Altıntaş N., Ataman O. Y.  
IV. Ulusal Analitik Kimya Kongresi, Elazığ, Türkiye, 25 - 27 Haziran 2008, ss.32
- CXXXVII. **Titanyum kaplanmış yarıklı kuvars tüp atom tuzağı-alevli AAS ile ng/ml düzeyinde kurşun tayini**  
Bora S., Bakırdere S., Ataman O. Y.  
IV. Ulusal Analitik Kimya Kongresi, Elazığ, Türkiye, 25 - 27 Haziran 2008, ss.11
- CXXXVIII. **Bor mineralinin prostat kanserine etkisinin belirlenmesi: Topluma dayalı çalışma**  
Korkmaz M., Müezzinoğlu T., Lekili M., Neşe N., Bakırdere S., Arslan Y., Ataman O. Y.  
8. Ankara Üroonkoloji Kursu, Ankara, Türkiye, 28 Kasım - 02 Aralık 2007, ss.80
- CXXXIX. **Interference studies for bismuth determination by tungsten trap atomic absorption spectrometry**  
Kula İ., Arslan Y., Bakırdere S., Titretir S., Ataman O. Y.

- Colloquium Spectroscopicum Internationale XXXV, Xiamen, Çin, 23 - 27 Eylül 2007, ss.50
- CXL. **Determination of antimony by using tungsten trap atomic absorption spectrometry**  
Titretir S., Kendüzler E., Arslan Y., Kula İ., Bakırdere S., Ataman O. Y.  
Colloquium Spectroscopicum Internationale XXXV, Xiamen, Çin, 23 - 27 Eylül 2007
- CXLI. **In situ trapping of selenium hydride on gold-coated tungsten coil and atomic absorption spectrometry**  
Kula İ., Arslan Y., Bakırdere S., Ataman O. Y.  
Colloquium Spectroscopicum Internationale XXXV, Xiamen, Çin, 23 - 27 Eylül 2007, ss.41
- CXLII. **Extraction studies for selenium from egg without uniformation**  
Bakırdere S., Volkan M., Ataman O. Y.  
Colloquium Spectroscopicum Internationale XXXV, Xiamen, Çin, 23 - 27 Eylül 2007, ss.400
- CXLIII. **Meyve suyu örneklerinde W-Sarmal atom tuzaklı hidrür oluşturmali atomik absorpsiyon spektrometri ile kurşun tayini**  
Titretir S., Kendüzler E., Arslan Y., Kula İ., Bakırdere S., Ataman O. Y.  
21. Ulusal Kimya Kongresi, Malatya, Türkiye, 23 - 27 Ağustos 2007
- CXLIV. **Kuvars tuzaklı AAS ile Cd tayini için HCl ortamında girişim çalışmaları**  
Aydın F., Bakırdere S., Ataman O. Y.  
21. Ulusal Kimya Kongresi, Malatya, Türkiye, 23 - 27 Ağustos 2007
- CXLV. **Amoksisilin'in farklı sıcaklıklarda bozunmasının HPLC ile saptanması**  
Yıldıran A., Bakırdere S., Ataman O. Y.  
21. Ulusal Kimya Kongresi, Malatya, Türkiye, 23 - 27 Ağustos 2007
- CXLVI. **Determination of lead in Anatolian spices using W-Trap hydride generation atomic absorption spectrometry**  
Eroğlu S., Bakırdere S., Arslan Y., Kula İ., Titretir S., Kendüzler E., Ataman O. Y.  
X. Ulusal Spektroskopik Kongresi, İzmir, Türkiye, 4 - 07 Temmuz 2007, ss.117
- CXLVII. **A Sensitive analytical method for thallium determination by trapping in slotted quartz tube and flame atomic absorption spectrometry**  
Arı B., Bakırdere S., Yıldıran A., Ataman O. Y.  
X. Ulusal Spektroskopik Kongresi, İzmir, Türkiye, 4 - 07 Temmuz 2007, ss.20
- CXLVIII. **Estimation of daily borate exposure in an area with large borate deposits in Türkiye**  
Korkmaz M., Şaylı B. S., Şaylı U., Bakırdere S., Ataman O. Y., Titretir S., Keskin S.  
Proceedings of 3rd International Boron Symposium, Ankara, Türkiye, 2 - 04 Kasım 2006, ss.457-461
- CXLIX. **Selenium speciation in garlic: Extraction studies**  
Bakırdere S., Volkan M., Ataman O. Y.  
International Symposium on Selenium in Health and Disease, Ankara, Türkiye, 12 - 13 Ekim 2006, ss.50
- CL. **Interference studies for Pb determination by tungsten trap atomic absorption spectrometry**  
Titretir S., Bakırdere S., Arslan Y., Aydın F., Ataman O. Y.  
5th Aegean Analytical Chemistry Days, Thessaloniki, Yunanistan, 5 - 08 Ekim 2006, ss.14
- CLI. **Determination of lead, cadmium and copper in roadside soil and plant parts in Elazig**  
Yaman M., Bakırdere S.  
5th Aegean Analytical Chemistry Days, Thessaloniki, Yunanistan, 5 - 08 Ekim 2006, ss.92
- CLII. **Tungsten sarmal tuzaklı AAS ile sigara içen insanların saçında kurşun tayini**  
Titretir S., Bakırdere S., Arslan Y., Aydın F., Ataman O. Y.  
XX. Ulusal Kimya Kongresi, Kayseri, Türkiye, 4 - 08 Eylül 2006
- CLIII. **Talyum tayini için duyarlı analitik yöntem geliştirilmesi**  
Arı B., Titretir S., Bakırdere S., Ataman O. Y.  
III. Ulusal Analitik Kimya Kongresi, Çanakkale, Türkiye, 5 - 07 Temmuz 2006, ss.105
- CLIV. **Hidrür oluşturmali AAS ve tungsten sarmal tuzaklı sistemde antimon tayini**  
Titretir S., Bakırdere S., Arslan Y., Ataman O. Y.  
III. Ulusal Analitik Kimya Kongresi, Çanakkale, Türkiye, 5 - 07 Temmuz 2006, ss.11
- CLV. **Öksürük şuruplarında amroksol ve parabenlerin HPLC ile karakterize edilmesi ve farklı ürünlerin**

## **karşılaştırılması**

Yıldıran A., Bakırdere S., Ataman O. Y.

III. Ulusal Analitik Kimya Kongresi, Çanakkale, Türkiye, 5 - 07 Temmuz 2006, ss.106

- CLVI. **Datça-Emecik-Sarıliman mevki Arkaik Kutsal alanından çıkan bazı kireçtaşı heykelciklerin arkeometrik yönden incelenmesi**  
Muşkara Ü., Ataman O. Y., Demirci Ş., Bakırdere S.  
22. Arkeometri Sonuçları Toplantısı, Çanakkale, Türkiye, 29 Mayıs - 02 Haziran 2006, ss.43-58
- CLVII. **Türkiye'de bor alanlarında yaşayan insanların günlük bor alımının hesaplanması**  
Korkmaz M., Şaylı B. S., Şaylı U., Ataman O. Y., Bakırdere S., Aydın F.  
IX. Ulusal Tıbbi Biyoloji Kongresi, Manisa, Türkiye, 24 - 27 Kasım 2005, ss.175
- CLVIII. **Günlük alınan bor mineralinin serviks kanseri üzerine olası önleyici etkisi**  
Korkmaz M., Uzgören E., Bakırdere S., Aydın F., Ataman O. Y.  
IX. Ulusal Tıbbi Biyoloji Kongresi, Manisa, Türkiye, 24 - 27 Kasım 2005, ss.202
- CLIX. **Türkiye'de yetişen baharat ve şifalı otlarda atomik spektrometriyle gerekli ve zehirli elementlerin tayini**  
Aydın F., Bakırdere S., Muşkara Ü., Ataman O. Y.  
XIX. Ulusal Kimya Kongresi, Muğla, Türkiye, 30 Eylül - 04 Ekim 2005, ss.68
- CLX. **Karayolları kenarındaki topraklarda ve meyvelerdeki Pb'un AAS ile tayini**  
Bakırdere S., Yaman M.  
VIII. Ulusal Spektroskopi Kongresi, Bursa, Türkiye, 30 Ekim - 01 Kasım 2002, ss.32
- CLXI. **Şehir merkezinde satılan ve çeşitli kaplarda mayalanan yoğurt örneklerinde Al tayini**  
Durak M., Bakırdere S., Yaman M.  
VIII. Ulusal Spektroskopi Kongresi, Bursa, Türkiye, 30 Ekim - 01 Kasım 2002, ss.37
- CLXII. **Interferences studies for Cd detrmiation by quartz trap atomic absorption spectrometry**  
Aydın F., Bakırdere S., Ataman O. Y.  
3rd Aegean Analytical Chemistry Days, Constanta, Romanya, 29 Eylül - 03 Ekim 2002, ss.46
- CLXIII. **Determination of arsenic in water by ET-AAS**  
Akdeniz İ., Gürsu F., Bakan İ., Bakırdere S., Yaman M.  
3rd Aegean Analytical Chemistry Days, Mitilini, Yunanistan, 29 Eylül - 03 Ekim 2002
- CLXIV. **Ense saç örneklerindeki eser metallerin mikrodalga fırınında çözünürleştirilerek AAS ile tayini**  
Gökalp S., Bakırdere S., Demirelli K., Yaman M.  
XVI. Ulusal Kimya Kongresi, Konya, Türkiye, 10 - 13 Eylül 2002, ss.180
- CLXV. **Sıçan akciğerinin eser metal konsantrasyonu üzerine formaldehit alınmasının etkisi ve SOD ile ilişkisi**  
Bakırdere S., Songur A., İlhan N., Sarsılmaz M., Yaman M.  
I. Ulusal Analitik Kimya Kongresi, Bursa, Türkiye, 3 - 05 Temmuz 2002, ss.55
- CLXVI. **Toprakta çinko spesiasyonu (türlemesi) ve onun meyvelerdeki konsantrasyonu ile ilişkisi**  
Bakırdere S., Akdeniz İ., Yaman M.  
I. Ulusal Analitik Kimya Kongresi, Bursa, Türkiye, 3 - 05 Temmuz 2002, ss.37
- CLXVII. **Keban eski simli kurşun galerisinden çevreye yayılan metallerin tayini**  
Bölücek C., Bakırdere S., Yaman M.  
I. Ulusal Analitik Kimya Kongresi, Bursa, Türkiye, 3 - 05 Temmuz 2002, ss.56
- CLXVIII. **Kanserli insan dokularındaki eser metallerin tayini**  
Atıcı D., Bakırdere S., Yaman M.  
I. Ulusal Analitik Kimya Kongresi, Bursa, Türkiye, 3 - 05 Temmuz 2002, ss.53
- CLXIX. **Batman'daki Tüpraş tesisinden çevreye yayılan toksik metal düzeylerinin belirlenmesi**  
Yaman M., Keskin G., Bakırdere S.  
I. Ulusal Analitik Kimya Kongresi, Bursa, Türkiye, 3 - 05 Temmuz 2002, ss.52
- CLXX. **Leaching of aluminium from cooking utensils**  
Güneş M., Bakırdere S., Yaman M.  
2nd Aegean Analytical Chemistry Days, Balıkesir, Türkiye, 1 - 04 Kasım 2000
- CLXXI. **Speciation of aluminium in soil and relation with its concentration in fruits**

## Desteklenen Projeler

KEYF S., BAKIRDERE S., SERBEST H., Yükseköğretim Kurumları Destekli Proje, Gümüşün Yarıkli Kuvars Tüp ve Katı Faz Mikroekstraksiyon Yöntemleri Kullanılarak Düşük Seviyelerde Tayinleri için Spektroskopik Yöntem Geliştirilmesi ve Geri Kazanım Çalışmaları, 2021 - Devam Ediyor

Bakırdere S., Öz E., Özdoğan N., Öztürk Er E., TÜBİTAK Projesi, Horseshoe Adasındaki Çevresel Örneklerde Organik/İnorganik Kirleticilerin, Değerli Metallerin ve Radyoaktif Elementlerin Önderiştirme Yöntemleri ile Birleştirilmiş Kromatografik ve Spektroskopik Yöntemler Kullanılarak Yüksek Doğruluk ve Duyarlılıkta Tayinleri, 2020 - 2023

Temel R., Erarpat S., Bodur S., Günkara Ö. T. , Bakırdere S., Turak F., Yükseköğretim Kurumları Destekli Proje, Dörtlü İzotop Seyreltme Yöntemi Kullanılarak Kan ve İdrar Örneklerinde Eser Seviyelerde Bulunan Parasetamolün Yüksek Doğruluk ve Duyarlılıkta Tayini, 2021 - 2022

Bodur S., Erarpat S., Günkara Ö. T. , Bakırdere S., Sağlık Bakanlığı, SARS-CoV-2 (COVID-19) Tedavisinde Kullanılan Klorokin ve Hidroksiklorokin Kimyasallarının Kan, İdrar ve Tükürük Örneklerinde Yüksek Doğruluk ve Duyarlılıkta Hızlı Tayinlerine Yönelik İzotop Seyreltme Esaslı Analitik Yöntem Geliştirilmesi, 2020 - 2021

BAKIRDERE S., ÖZ E., BODUR S., ERARPAT S., DALGIÇ BOZYİĞİT G., ÖZDOĞAN N., Yükseköğretim Kurumları Destekli Proje, Özgün Sıvı-Sıvı Mikroekstraksiyon İzotop Seyreltme Kütle Spektroskopisi Yöntemleri Kullanılarak Bisfenol A'nın Farklı Çevre Örneklerinde Yüksek Doğruluk ve Duyarlılıkta Tayini, 2020 - 2020

BUDAK T., CHORMEY D. S. , ERULAŞ F. A. , BAKIRDERE S., TURAK F., Yükseköğretim Kurumları Destekli Proje, Yeni Nesil AntiEpileptik İlaç Etken Maddelerinin Farklı Matrikslerde Ön deriştirme Sonrası GCMS Sisteminde Eser Seviyelerde Eşzamanlı Tayinleri, 2019 - 2020

ÖZBEK B., ÖZTÜRK ER E., YILMAZ P., BAKIRDERE S., Yükseköğretim Kurumları Destekli Proje, Kemik Doku Mühendisliği Uygulamalarında Kullanılacak HidroksiapatitGrafen OksitKitosan Doku İskelesinin Süper Kritik Jel Kurutma Tekniği Kullanılarak Üretimi ve Karakterizasyonu, 2018 - 2020

Bakırdere S., San N., TÜBİTAK Projesi, Ultraviyole Fotokimyasal Uçucu Bileşen Oluşturma-Atom Tuzak-Alevli Atomik Absorpsiyon Spektrofotometri Sistemi ile Pb, Cd, Ni, Co Elementlerinin Eser Seviyelerde Tayinleri, 2017 - 2020

ÇETİN G., BAKIRDERE S., Akkaya E., ÖZTÜRK ER E., Kasa N. A. , KOMESLİ O. T. , Yükseköğretim Kurumları Destekli Proje, Kurşunun Stearik Asit Kaplı Demir Manyetik Nanopartiküller ile Ekstraksiyonu/Önderiştirilmesi Sonrası HO-AAS Sisteminde Eser Seviyelerde Tayini, 2018 - 2019

Komesli O. T. , Bakırdere S., TÜBİTAK Projesi, Endokrin Bozucu Maddelerin Membran Biyoreaktöre Entegre Edilmiş İleri Elektroomsidasyon Sistemleri ile Arıtımının Araştırılması, 2016 - 2018

BAKIRDERE S., TURAK F., Yükseköğretim Kurumları Destekli Proje, Bazı endokrin bozucu bileşiklerin ve pestisitlerin ön deriştirme sonrası GC-MS ile düşük seviyelerde eş zamanlı tayinleri, 2016 - 2018

BAKIRDERE S., TÜBİTAK Projesi, Membran Biyoreaktörlerde Mikroorganizmaların Sinyal İletimi Mekanizmasının İnhibisyonu, 2016 - 2017

BAKIRDERE S., Yükseköğretim Kurumları Destekli Proje, ESER ANALİZ VE TÜRLEME ÇALIŞMALARINDA KROMATOĞRAFİK YÖNTEMLER, 2015 - 2017

BAKIRDERE S., Yükseköğretim Kurumları Destekli Proje, İlaç Aktif Maddelerinin Kararlılık Seviyelerinin HPLC Cihaz İle Tayinleri, 2015 - 2017

Bakırdere S., Komesli O. T. , TÜBİTAK Projesi, Klasik Atıksu Arıtma Tesislerinde ve Membran Biyoreaktör (MBR) Sistemlerinde Endokrin Bozucu Maddelerin (EBM) Arıtımı ve Toptan EBM Parametresi Geliştirilme Projesi, 2009 - 2012

BAKIRDERE S., Doğal Yolla Alman Bor Mineralinin Erkeklerde Prostat Büyüklüğü, Benign Prostat Hiperplazisi ve Alt Üriner Sistem Semptomlarına Etkisinin Topluma Dayalı Bir Çalışma İle Araştırılması, 2008 - 2009

BAKIRDERE S., TÜBİTAK Projesi, Elektrokimyasal Hidrür Oluşturmalı Atomik Absorpsiyon Spektrometri ile Bizmut Tayini için Duyarlı Yöntem Geliştirilmesi, 2006 - 2008

BAKIRDERE S., Bor Mineralinin İnsanda Erkek Fertilitesi ve Prostat Kanserine Etkisinin Belirlenmesi, 2005 - 2007

BAKIRDERE S., İnsanların Bir Günde Aldıkları Bor Miktarının Saptanması ve Bunun İnsan Sağlığına Etkisinin Belirlenmesi, 2004 - 2006

BAKIRDERE S., TÜBİTAK Projesi, Şehir Atık Suyu Arıtma Tesisi Lağım Çamurundaki Kurşun un Kimyasal Yapısının Belirlenmesi, 1999 - 2000

## Bilimsel Hakemlikler

Polish Journal of Environmental Studies, SCI Kapsamındaki Dergi, Devam Ediyor  
Environmental Monitoring and Assessment, SCI Kapsamındaki Dergi, Devam Ediyor  
Scientific Research and Essays, SCI Kapsamındaki Dergi, Devam Ediyor  
Science of the Total Environment, SCI Kapsamındaki Dergi, Devam Ediyor  
Fresenius Environmental Bulletin, SCI Kapsamındaki Dergi, Devam Ediyor  
Analytical Letters, SCI Kapsamındaki Dergi, Devam Ediyor  
CLEAN - Soil, Air, Water, SCI Kapsamındaki Dergi, Devam Ediyor  
Environmental Geochemistry and Health, SCI Kapsamındaki Dergi, Devam Ediyor  
Journal of Hazardous Materials, SCI Kapsamındaki Dergi, Devam Ediyor  
Talanta, SCI Kapsamındaki Dergi, Devam Ediyor  
Instrumentation Science & Technology, SCI Kapsamındaki Dergi, Devam Ediyor  
Chemistry and Ecology, SCI Kapsamındaki Dergi, Devam Ediyor

## Atıflar

Toplam Atıf Sayısı (WOS):1685

h-indeksi (WOS):22

## Ödüller

BAKIRDERE S., En İyi Poster Alanında Birincilik Ödülü, Sensitive Determination of Copper in Water Samples Using Dispersive Liquid-Liquid Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry, 7th International IUPAC Conference on Green Chemistry, Ekim 2017  
BAKIRDERE S., En İyi Poster Alanında İkincilik Ödülü, Sertralinin GC-MS Sisteminde Düşük Seviyelerde Tayinine Yönelik Analitik Yöntem Geliştirilmesi Ve Yapay Mide Ortamındaki Kararlılığının Tespit Edilmesi, Es-An 2016, IV. Eser Analiz Kongresi, Mayıs 2016  
BAKIRDERE S., CITAC Best Papers Award 2011, Determination of arsenobetaine in fish tissue by species specific isotope dilution LC-LTQ-Orbitrap-MS and standard addition LC-ICPMS, CITAC, Cooperation on International Traceability in Analytical Chemistry, Ocak 2011  
BAKIRDERE S., En İyi Poster Dalında Üçüncülük Ödülü, Bor Elementinin Erkeklerde Prostat Büyüklüğü ve Alt Üriner Sistem Septomlarına Etkisi, XI. Ulusal Spektroskopi Kongresi, Haziran 2009  
BAKIRDERE S., Klinik Üroonkoloji Alanında Birincilik Ödülü, Bor Mineralinin Prostat Kanserine Etkisinin Belirlenmesi: Topluma Dayalı Çalışma, 8. Ankara Üroonkoloji Kursu, Aralık 2007  
BAKIRDERE S., Perkin Elmer Excellent Poster Award, Interference Studies for Bismuth Determination by Tungsten Trap Atomic Absorption Spectrometry, Colloquium Spectroscopicum Internationale XXXV, Eylül 2007  
BAKIRDERE S., En İyi Poster Dalında Üçüncülük Ödülü, Determination of Lead in Anatolian Spices using W-Trap Hydride Generation Atomic Absorption Spectrometry, X. Ulusal Spektroskopi Kongresi, Temmuz 2007