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Kişisel Bilgiler

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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 Spektroskopisi, 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

AKADEMİK İDARI DENEYİM

Dekan, Yıldız Teknik Üniversitesi, Uygulamalı Bilimler Fakültesi, 2017 - 2021

Uygulama ve Araştırma Merkezi Müdürü, Yıldız Teknik Üniversitesi, 2016 - 2020

Yıldız Teknik Üniversitesi, Fen Edebiyat Fakültesi Kimya Bölümü, 2014 - 2016

YÖNETİLEN 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 Sisteminde Antimon Tayinine Yönelik Analitik Yöntem Geliştirme, Yüksek Lisans, E.YAZICI(Öğrenci), Devam Ediyor

Bakırdere S., Türleme Çalışmalarında Tayin Limitlerinin Düşürülmesine Yönelik Analitik Yöntemlerin Geliştirilmesi, Yüksek Lisans, S.BODUR(Öğrenci), Devam Ediyor

Bakırdere S., Poli Aromatik Hidrokarbonların Tayininde Yeni Analitik Stratejiler, Yüksek Lisans, M.Selin(Öğrenci), Devam Ediyor

Bakırdere S., Nanokompozitler kullanılarak seçili mikrokirlleticilerin 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 Matrikslerde Bulunan Endokrin Bozucu Maddelerin Önderiştirme Sonrası Eser Seviyelerde Tayinleri, Doktora, D.Selali(Öğrenci), Devam Ediyor

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Özbek B., Bakırdere S., Determination of Trace Analytes in Biological Fluids by Q TOF LC/MS Using Isotope Dilution Method, Doktora, E.ÖZTÜRKER(Öğrenci), 2020

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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

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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 Matrislerde Yüksek Basıncılı 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 Matrislerde 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. **Investigation of cadmium removal using tin oxide nanoflowers through process optimization, isotherms and kinetics**
GÜRSOY S., Bombom M., Zaman B. T., TURAK F., BAKIRDERE S., Er E. Ö.
Scientific Reports, cilt.15, sa.1, 2025 (SCI-Expanded)
- II. **Combination of QuEChERS and switchable-hydrophilicity solvent based liquid-liquid microextraction for the accurate determination of pyridalyl and metalaxyl pesticides at trace levels**
Akbiyık H., Karakebap K., Girgin A., TURAK F., BAKIRDERE S.
Journal of Food Composition and Analysis, cilt.144, 2025 (SCI-Expanded)
- III. **A spray assisted droplet formation-liquid phase microextraction procedure for the quantification of trace levels of manganese in French Lavender Tea Infusions with flame atomic absorption spectrometry**
Atakol M., Yıldırım V., ATAKOL A., Akbiyık H., Zaman B. T., ATAKOL O., BAKIRDERE S.
Journal of Food Composition and Analysis, cilt.142, 2025 (SCI-Expanded)
- IV. **Trace determination of cobalt in heather leaf tea by matrix matching calibration assisted flame atomic absorption spectrometry following a dispersive liquid-liquid microextraction utilizing a Schiff base ligand**
Atakol A., ZEYDANLI D., Göver T., Atakol M., Serbest H., Karakebap K., Büyük M. A., ATAKOL O., BAKIRDERE S.
Measurement: Journal of the International Measurement Confederation, cilt.248, 2025 (SCI-Expanded)
- V. **Multilayer Antibacterial Hydrogel Wound Dressings Incorporated With Green Synthesized Silver Nanoparticles**
Alipour A., Nejati O., Yaşayan G., Girgin A., Zaman B. T., Giray B., Karal-Yılmaz O., BAKIRDERE S., Bal-Öztürk A.
Drug Development Research, cilt.86, sa.3, 2025 (SCI-Expanded)
- VI. **Conductive poly(bromophenol red) film coated graphene oxide-ZnO nanocomposite modified electrode for enzymeless voltammetric determination of ethyl-paraoxon**
KARAKAYA S., Demir C., Zaman B. T., BAKIRDERE S., DİLGİN Y.

Journal of Food Composition and Analysis, cilt.141, 2025 (SCI-Expanded)

- VII. **Trace copper determination in mate tea and tap water using FAAS and spray-assisted liquid phase microextraction**

Karakebap K., Serbest H., TURAK F., BAKIRDERE S.

Journal of Food Composition and Analysis, cilt.140, 2025 (SCI-Expanded)

- VIII. **Development of a NiMn₂O₄@Fe₃O₄ nanocomposite-based dispersive solid phase extraction for the accurate and sensitive determination of lead in mint tea samples prior to flame atomic absorption spectrometer measurement**

Zeytinci N. K., Zaman B. T., DALGIÇ BOZYİĞİT G., BAKIRDERE S.

Journal of Food Composition and Analysis, cilt.140, 2025 (SCI-Expanded)

- IX. **A quick and effective approach for removing Ni(II) from paper mill wastewater with magnesium ferrite nanoadsorbent: method development, reusability, isotherm models, and adsorption kinetics**

Bahçivan A., Atakol A., Zaman B. T., DALGIÇ BOZYİĞİT G., DEMİR S., BAKIRDERE S.

Journal of Nanoparticle Research, cilt.27, sa.3, 2025 (SCI-Expanded)

- X. **Trace element determination using mass spectrometry coupled detection methods**

Chormey D. S., Er E. Ö., ERARPAT BODUR S., Zaman B. T., Bodur S., Kustanto T. B., Kayın İ., BAKIRDERE S.

Trends in Environmental Analytical Chemistry, cilt.45, 2025 (SCI-Expanded)

- XI. **A sensitive determination of lead by hydride generation integrated with micro-sampling gas-liquid separator-FAAS after preconcentration by NiFe₂O₄ nanoparticles**

Ayyıldız M. F., Bodur S., BAKIRDERE S.

Scientific reports, cilt.15, sa.1, ss.3172, 2025 (SCI-Expanded)

- XII. **Biocompatible silver nanoparticles from apricot kernel skin: a green synthesis approach to antibacterial and antiangiogenic therapies**

Nejati O., Torkay G., Girgin A., Zaman B. T., Akar R. O., Giray B., Ulukaya E., BAKIRDERE S., Bal-Öztürk A.

Chemical Papers, cilt.79, sa.1, ss.447-462, 2025 (SCI-Expanded)

- XIII. **Preconcentration of bismuth using nickel hydroxide nanoflower from water samples and determination by FAAS**

YILDIZ O. B., Durukan İ., Şaylan M., Zaman B. T., BAKIRDERE S.

Environmental Monitoring and Assessment, cilt.197, sa.1, 2025 (SCI-Expanded)

- XIV. **Determination of copper at trace levels in fennel tea samples by flame atomic absorption spectrometry after the implementation of simultaneous complexation and supramolecular solvent based spraying assisted liquid phase microextraction**

Tutar B. K., Tutar Ö. F., Bodur S., Derin Y., Tutar A., BAKIRDERE S.

Journal of Food Composition and Analysis, cilt.137, 2025 (SCI-Expanded)

- XV. **Development of Mn₃(PO₄)₂ nanoplates assisted treatment strategy for the removal of cadmium from synthetic domestic wastewater**

Öner M., Akbıyık H., Gürsoy S., Demir C., ÇETİN G., BAKIRDERE S.

Chemical Engineering Communications, 2025 (SCI-Expanded)

- XVI. **Development of an iron-metal organic Framework-based dispersive solid phase extraction coupled with flame atomic absorption spectrophotometry for the accurate and sensitive determination of copper in lion's claw tea samples**

Tekin Semerci Z., Karakebap K. Ü., Nur Karaman D., Yılmaz E., DALGIÇ BOZYİĞİT G., Er E. Ö., BAKIRDERE S.

Analytical Methods, 2025 (SCI-Expanded)

- XVII. **Development an effective adsorptive treatment strategy for the removal of cadmium from textile wastewater by CuBi₂O₄@Fe₃O₄ nanocomposites**

Büyük M. A., Serbest H., DALGIÇ BOZYİĞİT G., BAKIRDERE S.

Chemical Engineering Communications, cilt.212, sa.3, ss.409-421, 2025 (SCI-Expanded)

- XVIII. **Dispersive solid phase extraction and quadruple isotope dilution-mass spectrometry combination for the accurate and sensitive quantification of capsaicin in pepper, domestic wastewater and human saliva samples by GC-MS system**

Bodur S., ERARPAT BODUR S., GÜRSOY S., Ayyıldız M. F., Kartoğlu B., Akbıyık H., GÜNKARA Ö. T., BAKIRDERE S.

Microchemical Journal, cilt.208, 2025 (SCI-Expanded)

- XIX. **A simple and efficient magnetic solid phase extraction strategy assisted by CoS@polypyrrole@Fe₃O₄ nanocomposite for determination of palladium in the soil samples**
Zeytinci N. K., Akbiyik H., Zaman B. T., Şahin Ç., BAKIRDERE S.
Microchemical Journal, cilt.208, 2025 (SCI-Expanded)
- XX. **Development of a Solidification of Floating Organic Droplet-Based Liquid-Liquid Microextraction Method Utilizing a Schiff Base Ligand for the Determination of Nickel at Trace Levels in Saint John's Wort Tea Infusions by Matrix Matching Calibration Assisted Slotted Quartz Tube-Flame Atomic Absorption Spectroscopy**
Atakol M., Akbiyik H., Atakol A., Yildirim V., BAKIRDERE S., ATAKOL O.
Analytical Letters, 2025 (SCI-Expanded)
- XXI. **Determination of Cobalt in Tap Water by Deep Eutectic Solvent-Dithizone Assisted Liquid Phase Microextraction (LPME) Preconcentration with Flame Atomic Absorption Spectrometry (FAAS)**
Ağbulak A., Kılınç Y., Zaman B. T., Göver T., Atakol M., TURAK F., BAKIRDERE S.
Analytical Letters, 2025 (SCI-Expanded)
- XXII. **Spray-assisted drop formation liquid-phase microextraction for the determination of sertraline in environmental water samples with matrix-matching calibration in GC-MS**
Zeytinci N. K., Akbiyik H., Tezgin E., Zaman B. T., DALGIÇ BOZYİĞİT G., Şaylan M., BAKIRDERE S.
Journal of Analytical Science and Technology, cilt.15, sa.1, 2024 (SCI-Expanded)
- XXIII. **Removal of cadmium ions from synthetic wastewater samples by copper ferrite magnetic nanoparticle-assisted batch-type adsorption-based removal strategy**
Zaman B. T., Akbiyik H., Girgin A., DALGIÇ BOZYİĞİT G., BAKIRDERE E. G., BAKIRDERE S.
Environmental Monitoring and Assessment, cilt.196, sa.12, 2024 (SCI-Expanded)
- XXIV. **Microwave-assisted synthesis of antimony oxide nanoparticles for the determination of trace cadmium in mulberry leaf tea matrices by flame atomic absorption spectrophotometry**
İnce M. N., Serbest H., BAKIRDERE S.
Journal of Analytical Science and Technology, cilt.15, sa.1, 2024 (SCI-Expanded)
- XXV. **Mn₃O₄-MnOOH nanocomposites for the adsorption-based removal of nickel ions from wastewater**
Doru E. S., Öztürk Er E., Zaman B. T., BAKIRDERE S.
Environmental Monitoring and Assessment, cilt.196, sa.12, 2024 (SCI-Expanded)
- XXVI. **Combination of spraying based liquid phase microextraction and liquid chromatography-tandem mass spectrometry for the determination of colchicine at ultra-trace levels in artificial urine and serum samples**
Kutlu R., Bodur S., GÜNKARA Ö. T., BAKIRDERE S.
Microchemical Journal, cilt.207, 2024 (SCI-Expanded)
- XXVII. **Simultaneous determination of nineteen azo dyes in water samples by gas chromatography-mass spectrometry after Fe₃O₄@COF based dispersive solid phase extraction**
Karlıdağ N. E., Bodur S., GÜNKARA Ö. T., BAKIRDERE S.
Scientific Reports, cilt.14, sa.1, 2024 (SCI-Expanded)
- XXVIII. **Synthesis of calcium phosphate nanomaterial from quail eggshell for cadmium removal from wastewater and its genotoxic/cytotoxic properties**
Demir C., Bakırdere B. E., Zaman B. T., Öner M., DALGIÇ BOZYİĞİT G., Ergenler A., Turan F., Nejati O., Öztürk A. B., ÇETİN G., et al.
Environmental Monitoring and Assessment, cilt.196, sa.12, 2024 (SCI-Expanded)
- XXIX. **Combination of quadruple isotope dilution strategy and dispersive solid phase extraction method for accurate quantification of selected steroid hormones**
Ular Çağatay N., Bodur S., Bodur S., Maviş M. E., BAKIRDERE S.
Analytical Methods, cilt.17, sa.2, ss.256-264, 2024 (SCI-Expanded)
- XXX. **Microwave-Assisted Synthesis of Selenium Nanoparticles: Bioactivity Insights**
Tışlı B., Nejati O., Torkay G., Giray B., Bal-Öztürk A., BAKIRDERE S.
ChemistrySelect, cilt.9, sa.43, 2024 (SCI-Expanded)

- XXXI. **Microwave-Assisted Synthesis Method for the Production of Carbon Nano Dots and Its Genotoxicity Assessment**
Tekin Z., Ergenler A., Zaman B. T., GÜNKARA Ö. T., Depci T., Turan F., BAKIRDERE S.
ChemistrySelect, cilt.9, sa.37, 2024 (SCI-Expanded)
- XXXII. **Microwave-assisted synthesis of γ -aloooh nanoflowers as an adsorbent for cadmium removal from domestic wastewater**
Metin B., DALGIÇ BOZYİĞİT G., Zaman B. T., Er E. Ö., TURAK F., BAKIRDERE S.
Environmental monitoring and assessment, cilt.196, sa.10, ss.996, 2024 (SCI-Expanded)
- XXXIII. **A simple and efficient supramolecular solvent based liquid phase microextraction method for the preconcentration of nickel from dandelion tea samples before FAAS quantification, and the practicality and greenness assessment of developed method**
Kartoğlu B., Bodur S., Gülhan Bakırdere E., BAKIRDERE S.
Microchemical Journal, cilt.205, 2024 (SCI-Expanded)
- XXXIV. **Determination of trace amounts of metobromuron herbicide residues in fruits by QuEChERS and DLLME methods**
Ofli S., Zaman B. T., Kılınç Y., Bakırdere S., Turak F.
Journal of Food Composition and Analysis, cilt.133, 2024 (SCI-Expanded)
- XXXV. **Development of dispersive solid phase extraction method for the preconcentration of parathion ethyl as a simulant of nerve agent sarin from soil, plant and water samples prior to GC-MS determination**
Bodur S., ERARPAT BODUR S., Tutar B. K., BAKIRDERE S., Yağmuroğlu O.
Environmental Monitoring and Assessment, cilt.196, sa.9, 2024 (SCI-Expanded)
- XXXVI. **Determination of capsaicin at trace levels in different food, biological and environmental samples by quadruple isotope dilution-gas chromatography mass spectrometry after its preconcentration**
ERARPAT BODUR S., Bodur S., Ayyıldız M. F., GÜNKARA Ö. T., Dikmen Y., Doru E. S., BAKIRDERE S.
Journal of Chromatography A, cilt.1731, 2024 (SCI-Expanded)
- XXXVII. **Determination of trace levels of thiazopyr residues in oolong tea samples using metal sieve-linked double syringe based liquid-phase microextraction coupled with gas chromatography-mass spectrometry**
Aydın N., UNUTKAN GÖSTERİŞLİ T., BAKIRDERE S.
Journal of Food Composition and Analysis, cilt.132, 2024 (SCI-Expanded)
- XXXVIII. **Efficient removal of estrone and 17 β -estradiol from aqueous medium using UV irradiation-assisted fenton process**
Dikmen Y., Şaylan M., Ofli S., Ayyıldız M. F., Serbest H., DALGIÇ BOZYİĞİT G., BAKIRDERE S.
Chemical Papers, cilt.78, sa.13, ss.7477-7486, 2024 (SCI-Expanded)
- XXXIX. **CoSn(OH)₆ nanocubes as a solid sorbent for the effective preconcentration of copper ions in cinnamon (Cinnamomum zeylanicum) extract**
Bahçıvan A., Şaylan M., SAĞDIÇ O., BAKIRDERE S.
Food Chemistry, cilt.447, 2024 (SCI-Expanded)
- XL. **Graphene oxide-zinc oxide nanocomposite modified disposable electrodes for detection of uric acid in fetal bovine serum**
Yildirim A., Maral M., Tugba Zaman B., Bozoglu A., Demir C., BAKIRDERE S., Erdem A.
Journal of Electroanalytical Chemistry, cilt.965, 2024 (SCI-Expanded)
- XLI. **Simultaneous removal of mixed pesticides and natural organic matter from surface waters by nitric and chlorosulfonic acid functionalized powdered activated carbon**
Aykut-Senel B., Ozgur C., BAKIRDERE S., KAPLAN BEKAROĞLU Ş. Ş., ATEŞ N.
Journal of Chemical Technology and Biotechnology, cilt.99, sa.7, ss.1646-1659, 2024 (SCI-Expanded)
- XLII. **Determination of ethalfluralin in soy flour samples using MnO₂-deep eutectic solvent based nanofluid for its preconcentration prior to GC-FID measurement**
Gürsoy S., Bombom M., Zaman B. T., TURAK F., Er E. Ö., Korkunç Ü., BAKIRDERE S.
Chemical Papers, cilt.78, sa.11, ss.6545-6552, 2024 (SCI-Expanded)

- XLIII. **Determination of acetylcysteine and cysteine in pharmaceutical formulations using a smartphone-based digital image colorimetric method**
Şahin N., Kustanto T. B., Zaman B. T., Korkunç Ü., Gel M. S., BAKIRDERE S.
Chemical Papers, cilt.78, sa.10, ss.6203-6210, 2024 (SCI-Expanded)
- XLIV. **Development of a novel treatment strategy for the removal of cadmium from wastewater samples using poly(vinyl alcohol)-based magnetic hydrogel beads**
Karlıdağ N. E., Göver T., Er E. Ö., DALGIÇ BOZYİĞİT G., TURAK F., BAKIRDERE S.
Journal of Nanoparticle Research, cilt.26, sa.6, 2024 (SCI-Expanded)
- XLV. **Determination of copper ion at trace levels in apple tea samples by simultaneous complexation and spray assisted microextraction method prior to detection by flame atomic absorption spectrophotometry**
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- XLVII. **Microwave-Assisted Hydrothermal Synthesis of Zinc-tin Based Nanoflower for the Adsorptive Removal of Cadmium from Synthetic Wastewater**
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- XLVIII. **Determination of copper in rose tea samples using flame atomic absorption spectrometry after emulsification liquid-liquid microextraction**
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- XLIX. **Synthesis of Nanocube-Shaped Cobalt Tin Hydroxides for the Preconcentration of Lead in Environmental Seawater Collected from Antarctic Region**
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- LII. **Trace Determination of Cadmium in Water Matrix by Matrix Matching Calibration Strategy-Based UV-Vis Spectrophotometer After Its Preconcentration**
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- LX. Microwave-assisted hydrothermal green synthesis of selenium nanoparticles incorporated with hyaluronic acid methacrylate/gelatin methacrylate hydrogels for wound healing applications**
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- LXV. Development of an analytical strategy for the determination of trace lead in hibiscus tea extract by double slotted quartz tube assisted flame atomic absorption spectrometry after manganese ferrite based dispersive solid phase extraction**
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- LXXX. **Zinc Oxide Nanomaterial-Based Dispersive Solid Phase Extraction for the Trace Determination of Gold in Flash Gold Plating Solution Samples using Flame Atomic Absorption Spectrophotometry**
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- LXXXIV. **Trace nickel determination in seawater matrix using combination of dispersive liquid-liquid microextraction and triethylamine-assisted $Mg(OH)_2$ method**
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- LXXXV. **Nanoflower synthesis, characterization and analytical applications: a review**
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- C. **Quantification of Seventeen Elements in Musical Drumheads and the Extractability of Arsenic, Lead and Chromium with Determination by Inductively Coupled Plasma - Mass Spectrometry (ICP-MS)**
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- CII. **Chromium speciation by the combination of high-performance liquid chromatography and inductively coupled plasma-optical emission spectrometry**
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- CIIf. **Performance evaluation of ceramic membrane bioreactor: effect of operational parameters on micropollutant removal and membrane fouling**
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- CIV. **Determination of trace cadmium in seawater using combination of polystyrene coated magnetic nanoparticles based DSPE and triethylamine assisted Mg(OH)(2) method**
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- CV. **Removal of twelve endocrine disrupting compounds from wastewater using two laboratory-scale batch-type bioreactors**
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- CVI. **Combination of high performance liquid chromatography and flame atomic absorption spectrophotometry using a novel nebulizer interface supported T shaped slotted quartz tube for the determination of Vitamin B12**
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- CVII. **Accurate and Sensitive Determination of Concentrations of Twenty-Two Elements in the Surface Water from West Antarctica**
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- CXI. **Development of a metal sieve-linked double syringe liquid phase microextraction method for the determination of copper in olive leaf extract samples by flame atomic absorption spectrometry**
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- CXII. **Development and validation of dispersive liquid-liquid microextraction method for the determination of 15 polycyclic aromatic hydrocarbons in 200 Antarctica samples by gas chromatography mass spectrometry**
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- CXV. **A Binary Solvent Dispersive Liquid-Liquid Microextraction Method for the Determination of Four Endocrine Disruptor Compounds by Gas Chromatography with Flame Ionization Detector**

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- CXVI. **Performance Evaluation of A/O Membrane Bioreactor System in the Effective Removal of Endocrine-Disrupting Chemicals: the Effect of SRT and Flux Rate**
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- CXVII. **Serum Levels of Selected Elements in Patients with Beta Thalassemia Major**
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- CXVIII. **Dispersive solid phase extraction based on reduced graphene oxide modified Fe₃O₄ nanocomposite for trace determination of parabens in rock, soil, moss, seaweed, feces, and water samples from Horseshoe and Faure Islands**
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- CXIX. **Accurate determination of amino acids by quadruple isotope dilution-reverse phase liquid Chromatography-Tandem mass spectrometry after derivatization with 2-Naphthoyl chloride**
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- CXX. **Development of a double-monitoring method for the determination of total antioxidant capacity as ascorbic acid equivalent using CUPRAC assay with RP-HPLC and digital image-based colorimetric detection**
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- CXXI. **Polystyrene-Coated Magnetite Nanoparticles Based Dispersive Micro-Solid Phase Extraction of Active Pharmaceutical Ingredients of Antidepressant Drugs and Determination by GC-MS**
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- CXXII. **Bioaccessibility and bioavailability of selenium species in Se-enriched leeks (Allium Porrum) cultivated by hydroponically**
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- CXXIII. **Determination of levetiracetam by GC-MS and effects of storage conditions and gastric digestive systems on drug samples**
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- CXXIV. **Zirconium Nanoparticles Based Vortex Assisted Ligandless Dispersive Solid Phase Extraction for Trace Determination of Lead in Domestic Wastewater using Flame Atomic Absorption Spectrophotometry**
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- CXLV. **A Novel Hydrogen Fluoride Assisted-Glass Surface Etching Based Liquid Phase Microextraction for the Determination of 4-n- Nonylphenol in Water by Gas Chromatography-Mass Spectrometry with Matrix Matching Strategy**
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- CLX. **Combination of an Efficient Photochemical Vapor Generation System and Flame Atomic Absorption Spectrophotometry for Trace Nickel Determination in Wastewater Samples**
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- CLXI. **Photochemical Vapor Generation Based Accurate Determination of Cadmium in Wastewater Using Novel Photoreactor and Gas-Liquid Separators Using Flame Atomic Absorption Spectrometry with**

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- CLXII. **Accurate Quantification of Nervous System Drugs in Aqueous Samples at Trace Levels by Binary Solvent Dispersive Liquid-Liquid Microextraction-Gas Chromatography Mass Spectrometry**
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- CLXXVII. **Dispersive Liquid-Liquid Microextraction Based Preconcentration of Selected Pesticides and Escitalopram Oxalate, Haloperidol, and Olanzapine from Wastewater Samples Prior to Determination by GC-MS**
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Kasa N. A., Zaman B. T., BAKIRDERE S.

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- CXC. **Accurate and simple determination of oxcarbazepine in human plasma and urine samples using switchable-hydrophilicity solvent in GC-MS**

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- CXCI. **Feasibility Studies on the Effect of Natural Plant Compounds on Sludge Characteristics in a Batch-Type Aerobic Reactor and N-butyryl-L Homoserine Lactone**

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- CXCII. **Simultaneous Determination of Harmful Aromatic Amine Products of Azo Dyes by Gas Chromatography-Mass Spectrometry**

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- CXCIII. **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-Expanded)

- CXCIV. **Experimental Design of Vortex Assisted Switchable Solvent Homogeneous Liquid-Liquid**

Microextraction for Simultaneous Determination of Four Pesticides in Wastewater

Tisli B., Chormey D. S., Ayyildiz M. F., BAKIRDERE S.

JOURNAL OF AOAC INTERNATIONAL, cilt.103, sa.5, ss.1250-1255, 2020 (SCI-Expanded)

- CXCV. **Sensitive Determination of Acetochlor, Alachlor, Metolachlor and Fenthion Utilizing Mechanical Shaking Assisted Dispersive Liquid-Liquid Microextraction Prior to Gas Chromatography-Mass Spectrometry**
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- CXCVI. **Simple and Green Vortex-Assisted Switchable Solvent Liquid Phase Microextraction for the Determination of Indium in Soil with Matrix Matching and Slotted Quartz Tube (SQT)-Flame Atomic Absorption Spectrometry (FAAS)**
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- CXCVII. **Zirconium nanoparticles based ligandless dispersive solid phase extraction for the determination of antimony in bergamot and mint tea samples by slotted quartz tube-flame atomic absorption spectrophotometry**
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- CXCVIII. **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-Expanded)
- CXCIX. **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-Expanded)
- CC. **Determination of trace manganese in soil samples by using eco-friendly switchable solvent based liquid phase microextraction-3 holes cut slotted quartz tube-flame atomic absorption spectrometry**
Zaman B. T., Bakaraki Turan N., BAKIRDERE E. G., Topal S., Sağsöz O., BAKIRDERE S.
Microchemical Journal, cilt.157, 2020 (SCI-Expanded)
- CCI. **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., Bakirdere S.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.100, sa.11, ss.1197-1208, 2020 (SCI-Expanded)
- CCII. **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-Expanded)
- CCIII. **Fe3O4/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-Expanded)
- CCIV. **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., Ozdogan N., BAKIRDERE S.
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- CCV. **A Simultaneous Dispersive Liquid-Liquid Microextraction-complexation Method to Determine Trace Cobalt in Chamomile Tea Extract Prior to Slotted Quartz Tube Flame Atomic Absorption Spectrometry**
BAKIRDERE E. G., Akarcay N. A., Zaman B. T., BAKIRDERE S.
CHEMISTRY LETTERS, cilt.49, sa.8, ss.991-994, 2020 (SCI-Expanded)
- CCVI. **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-Expanded)
- CCVII. **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-Expanded)
- CCVIII. **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)
- CCIX. **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-Expanded)
- CCX. **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-Expanded)
- CCXI. **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**
Özzeybek G., Şahin İ., Erarpat S., Bakirdere S.
Journal of Food Composition and Analysis, cilt.90, 2020 (SCI-Expanded)
- CCXII. **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-Expanded)
- CCXIII. **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**
Özzeybek G., Erarpat S., Bakirdere S.
Analytical Letters, cilt.53, sa.10, ss.1525-1535, 2020 (SCI-Expanded)
- CCXIV. **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-Expanded)
- CCXV. **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-Expanded)
- CCXVI. **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., Bakırdere S.

Talanta, cilt.213, 2020 (SCI-Expanded)

- CCXVII. **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-Expanded)

- CCXVIII. **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-Expanded)

- CCXIX. **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-Expanded)

- CCXX. **Hydride generation-flame atomic absorption spectrometric quantification of trace lead after the extraction by fatty acid functionalized Fe₃O₄ 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)

- CCXXI. **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 Bakırdere E., BAKIRDERE S.

Journal of Food Composition and Analysis, cilt.88, 2020 (SCI-Expanded)

- CCXXII. **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-Expanded)

- CCXXIII. **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)

- CCXXIV. **Analytical protocol for determination of endosulfan beta, prothiofos, 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-Expanded)

- CCXXV. **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-Expanded)

- CCXXVI. **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-Expanded)
- CCXXVII. **A green, accurate and sensitive analytical method based on vortex assisted deep eutectic solvent-liquid phase microextraction for the determination of cobalt by slotted quartz tube flame atomic absorption spectrometry**
Tekin Z., Unutkan T., Erulaş F., Bakırdere E. G., Bakırdere S.
FOOD CHEMISTRY, cilt.310, 2020 (SCI-Expanded)
- CCXXVIII. **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)
- CCXXIX. **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-Expanded)
- CCXXX. **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-Expanded)
- CCXXXI. **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)
- CCXXXII. **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-Expanded)
- CCXXXIII. **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-Expanded)
- CCXXXIV. **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-Expanded)
- CCXXXV. **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., Firat M., Bakırdere S.
Food Chemistry, cilt.305, 2020 (SCI-Expanded)
- CCXXXVI. **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., Bakırdere S.
Journal of Chromatography A, cilt.1611, 2020 (SCI-Expanded)
- CCXXXVII. **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., Bakırdere S.
Analytical Letters, cilt.53, sa.2, ss.165-173, 2020 (SCI-Expanded)

- CCXXXVIII. **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-Expanded)
- CCXXXIX. **Optimization of atrazine removal from synthetic groundwater by electrooxidation process using titanium dioxide and graphite electrodes**
Bakaraki Turan N., Sarı Erkan H., Çağlak A., Bakırdere S., Engin G.
Separation Science And Technology, cilt.55, sa.16, ss.3036-3045, 2020 (SCI-Expanded)
- CCXL. **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-Expanded)
- CCXLI. **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, cilt.54, sa.10, ss.1578-1587, 2020 (SCI-Expanded)
- CCXLII. **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-Expanded)
- CCXLIII. **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-Expanded)
- CCXLIV. **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, cilt.54, sa.10, ss.1616-1626, 2020 (SCI-Expanded)
- CCXLV. **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., Bakırdere S.
MICROCHEMICAL JOURNAL, cilt.152, 2020 (SCI-Expanded)
- CCXLVI. **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-Expanded)
- CCXLVII. **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-Expanded)
- CCXLVIII. **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-Expanded)
- CCXLIX. **Oleic and stearic acid-coated magnetite nanoparticles for sonication-assisted binary micro-solid phase extraction of endocrine disrupting compounds, and their quantification by GC-MS**

Chormey D. S., Akkaya E., Erulaş F. A., BAKIRDERE S.

Microchimica Acta, cilt.186, sa.12, 2019 (SCI-Expanded)

- CCL. **An analytical strategy for propoxur determination in raisin samples with matrix matching method after dispersive liquid-liquid microextraction**
Borahan T., Tekin Z., Zaman B. T., Chormey D. S., BAKIRDERE S.
Journal of Food Composition and Analysis, cilt.84, 2019 (SCI-Expanded)
- CCLI. **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-Expanded)
- CCLII. **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-Expanded)
- CCLIII. **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-Expanded)
- CCLIV. **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-Expanded)
- CCLV. **Determination of glycine in body fluids at trace levels using the combination of quadrupole isotope dilution strategy and Liquid Chromatography-Quadrupole Time of Flight-Tandem Mass Spectrometry**
Tekin Z., Er E. O., BAKIRDERE S.
MEASUREMENT, cilt.146, ss.606-612, 2019 (SCI-Expanded)
- CCLVI. **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-Expanded)
- CCLVII. **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-Expanded)
- CCLVIII. **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-Expanded)
- CCLIX. **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-Expanded)
- CCLX. **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-Expanded)

- CCLXI. 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-Expanded)

- CCLXII. 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-Expanded)

- CCLXIII. 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-Expanded)

- CCLXIV. 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-Expanded)

- CCLXV. Determination of Vitamin B12 and cobalt in egg yolk using vortex assisted switchable solvent based liquid phase microextraction prior to slotted quartz tube flame atomic absorption spectrometry**

Tekin Z., ERARPAT S., Şahin A., Chormey D. S., BAKIRDERE S.

FOOD CHEMISTRY, cilt.286, ss.500-505, 2019 (SCI-Expanded)

- CCLXVI. 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-Expanded)

- CCLXVII. 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-Expanded)

- CCLXVIII. Magnetic cobalt particle-assisted solid phase extraction of tellurium prior to its determination by slotted quartz tube-flame atomic absorption spectrophotometry**

Özdoğan N., Kapukıran F., ÖZTÜRK ER E., BAKIRDERE S.

Environmental Monitoring and Assessment, cilt.191, sa.6, 2019 (SCI-Expanded)

- CCLXIX. 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., bakırdere S.

ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.191, sa.5, 2019 (SCI-Expanded)

- CCLXX. Ultrasound-assisted dispersive solid phase extraction based on Fe₃O₄/reduced graphene oxide nanocomposites for the determination of 4-tert octylphenol and atrazine by gas chromatography mass spectrometry**

Er E., ÇAĞLAK A., Engin G., BAKIRDERE S.

MICROCHEMICAL JOURNAL, cilt.146, ss.423-428, 2019 (SCI-Expanded)

- CCLXXI. Simultaneous determination of 4-tert-octylphenol, chlorpyrifos-ethyl and penconazole by GC-MS after sensitive and selective preconcentration with stearic acid coated magnetic nanoparticles**

Akkaya E., Bozyigit G., BAKIRDERE S.

MICROCHEMICAL JOURNAL, cilt.146, ss.1190-1194, 2019 (SCI-Expanded)

- CCLXXII. Ultrasound assisted deep eutectic solvent based microextraction-slotted quartz tube-flame atomic**

absorption spectrometry for the determination of cadmium

UNUTKAN T., Tışlı B., Tekin Z., ÇETİN G., BAKIRDERE S.

SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, cilt.155, ss.1-3, 2019 (SCI-Expanded)

- CCLXXIII. **Simultaneous Determination of Fluoxetine, Estrone, Pesticides, and Endocrine Disruptors in Wastewater by Gas Chromatography-Mass Spectrometry (GC-MS) Following Switchable Solvent-Liquid Phase Microextraction (SS-LPME)**
ERARPAT S., ÇAĞLAK A., BODUR S., Chormey S. D., Engin G., BAKIRDERE S.
ANALYTICAL LETTERS, cilt.52, sa.5, ss.869-878, 2019 (SCI-Expanded)
- CCLXXIV. **Sensitive and Accurate Determination of Cobalt at Trace Levels by Slotted Quartz Tube-Flame Atomic Absorption Spectrometry Following Preconcentration with Dispersive Liquid-Liquid Microextraction**
Deniz S., Kasa A., Sel S., Buyukpinar C., Bakirdere S.
ANALYTICAL LETTERS, cilt.52, ss.745-753, 2019 (SCI-Expanded)
- CCLXXV. **Accurate and sensitive determination of harmful aromatic amine products of azo dyes in wastewater and textile samples by GC-MS after multivariate optimization of binary solvent dispersive liquid-liquid microextraction**
Özkan B. Ç., Fırat M., Chormey D. S., BAKIRDERE S.
MICROCHEMICAL JOURNAL, cilt.145, ss.84-89, 2019 (SCI-Expanded)
- CCLXXVI. **Evaluation of magnetic field assisted sun drying of food samples on drying time and mycotoxin production**
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- :CLXXVIII. **Determination of Bismuth in Bottled and Mineral Water Samples at Trace Levels by T-Shaped Slotted Quartz tube-Atom Trap-Flame Atomic Absorption Spectrometry**
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- CCLXXX. **Accurate and Sensitive Analytical Strategy for the Determination of Antimony: Hydrogen Assisted T-Shaped Slotted Quartz Tube-Atom Trap-Flame Atomic Absorption Spectrometry**
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- :CLXXXIII. **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**
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- CLXXXIV. **Switchable solvent liquid-phase microextraction-gas chromatography-quadrupole isotope dilution mass spectrometry for the determination of 4-n-nonylphenol in municipal wastewater**
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- CCLXXXV. **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**
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- CLXXXVI. **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**
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- CLXXXVII. **Accurate determination of pesticides, hormones and endocrine disruptor compounds in complex environmental samples using matrix dilution and matrix matching with dispersive liquid-liquid microextraction**
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- LXXXVIII. **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**
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- CLXXXIX. **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**
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- CCXC. **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**
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- CCXCI. **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**
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- CCXCII. **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**
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- CCXCIII. **Simultaneous Determination of Phorate and Oxyfluorfen in Well Water Samples with High Accuracy by GC-MS After Binary Dispersive Liquid-Liquid Microextraction**
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- CCXCIV. **Trace determination of nickel in water samples by slotted quartz tube-flame atomic absorption spectrometry after dispersive assisted simultaneous complexation and extraction strategy**
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- CCXCVI. **Selenium speciation in chicken breast samples from inorganic and organic selenium fed chickens using high performance liquid chromatography-inductively coupled plasma-mass spectrometry**
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- CCXCVII. **Correlation between Na/K ratio and electron densities in blood samples of breast cancer patients**
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- CCXCIX. **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**
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- CCC. **Vortex-assisted switchable liquid-liquid microextraction for the preconcentration of cadmium in environmental samples prior to its determination with flame atomic absorption spectrometry**
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- CCCI. **Analysis of some physical, chemical and microbiological aspects of honey samples produced and consumed in Turkey**
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- CCCII. **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**
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- CCCIII. **Development and Validation of a Sensitive Method for Trace Nickel Determination by Slotted Quartz Tube Flame Atomic Absorption Spectrometry After Dispersive Liquid-Liquid Microextraction**
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- CCCIV. **Simultaneous determination of estrone and selected pesticides in water medium by GC-MS after multivariate optimization of microextraction strategy**
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- CCCV. **A novel analytical approach for the determination of parathion methyl in water: quadrupole isotope dilution mass spectrometry-dispersive liquid-liquid microextraction using multivariate optimization**
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- CCCVI. **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**
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- CCCVII. **Development of a sensitive closed batch vessel hydride generation atomic absorption spectrometry method for the determination of cadmium in aqueous samples**
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- CCCVIII. **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**
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- CCCIX. **Preface**
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- CCCX. **Development of an Analytical Method for the Determination of Amoxicillin in Commercial Drugs and Wastewater Samples, and Assessing its Stability in Simulated Gastric Digestion**
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- CCCXI. **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**
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- CCCXII. **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**
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- CCCXIII. **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.
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- CCCXIV. **Comparison of EDCs removal in full and pilot scale membrane bioreactor plants: Effect of flux rate on EDCs removal in short SRT**
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- CCCXV. **Multivariate optimization of dispersive liquid-liquid microextraction for the determination of paclobutrazol and triflumizole in water by GC-MS**
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- CCCXVI. **Biodegradation of hydroxyapatite coated Rex-734 alloy with silver and selenium/chitosan substitutions: In vitro analysis**
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- CCCXIX. **Determination of cadmium at ultratrace levels by dispersive liquid-liquid microextraction and batch type hydride generation atomic absorption spectrometry**
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- CCCXX. **Simultaneous determination of selected hormones, endocrine disruptor compounds, and pesticides in water medium at trace levels by GC-MS after dispersive liquid-liquid microextraction**
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- CCCXXII. **Arsenic speciation in water and biota samples at trace levels by ion chromatography inductively coupled plasma-mass spectrometry**
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- :CCXXXVI. **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**
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- :CCXXXIX. **Molecular characterization of silver-stearate nanoparticles (AgStNPs): A hydrophobic and antimicrobial material against foodborne pathogens**
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- CCCXLVII. **In situ atom trapping of Bi on W-coated slotted quartz tube flame atomic absorption spectrometry and interference studies**
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- CCCXLIX. **Gas-Screen Slotted Quartz Tube Atomic Absorption Spectrometry: A Remedy for Reducing Interference Effects of Calcium and Chromium**
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- CCCL. **Tellurium speciation analysis using hydride generation in situ trapping electrothermal atomic absorption spectrometry and ruthenium or palladium modified graphite tubes**
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- CCCLI. **Determination of Selected Endocrine Disrupter Compounds at Trace Levels in Sewage Sludge Samples**
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- CCCLIV. **Aflatoxin species: Their health effects and determination methods in different foodstuffs**
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- LI. **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., Bakirdere S.

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- LII. **Solid Phase Microextraction Strategies in the Determination of Organic/Inorganic Analytes**
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- LIII. **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**

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- LIV. **Simultaneous Determination of Four Endocrine Disrupting Compounds with Gas Chromatography-Flame Ionization Detector after Binary Solvent Liquid-Liquid Microextraction in Well and Hospital Wastewater Samples**

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

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- LV. **Atıksularda Mikrokirleticilerin Giderimi İçin Kullanılan Arıtma Teknolojileri**

SÖZÜDOĞRU O., KOMESLİ O. T., YILMAZ A. E., BAKIRDERE S.

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- LVI. **Strategies to Obtain High Accuracy and Sensitivity in Chromatographic Systems**

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

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

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- LVIII. **A novel extraction method for trace determination of nickel in water samples by slotted quartz tube-flame atomic absorption spectrometry after dispersive assisted simultaneous complexation and extraction strategy**

Özzybek G., Alacakoç B., Kocabaş M. Y., BAKIRDERE E. G., Chormey D. S., BAKIRDERE S.

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

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

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

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

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

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

Koçoğlu E. S., Sözüdoğru O., Komesli O. T., Yılmaz A. E., Bakirdere S.

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

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

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
- LXIII. **Analytical strategies to obtain lower detection limits**
BAKIRDERE S.
11th Aegean Analytical Chemistry Days, Girit, Yunanistan, 25 - 29 Eylül 2018
- LXIV. **Switchable solvent liquid-phase microextraction-gas chromatography-quadrupole isotope dilution mass spectrometry for the determination of 4-n-nonylphenol in municipal waste water**
ERARPAT S., Bodur S., Chormey D. S., BAKIRDERE S.
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- LXV. **Development of simultaneous determination method for selected pharmaceuticals and pesticides in wastewater by GC-MS to build up the treatment strategies**
Dalgıç Bozyiğit G., Fırat Ayyıldız M., Chormey D. S., Engin G., Bakırdere S.
11th Aegean Analytical Chemistry Days (AACD2018), Hania, Yunanistan, 25 - 29 Eylül 2018, ss.98
- LXVI. **A rapid and sensitive RP-HPLC method for simultaneous determination of ibuprofen and paracetamol in drug samples and their behaviour in simulated gastric conditions**
Borahan T., UNUTKAN T., Şahin A., BAKIRDERE S.
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- LXVII. **Multivariate optimization of sonication assisted binary solid phase microextraction based on oleic and stearic acid coated magnetite nanoparticles for the determination of endocrine disruptive compounds in aqueous medium by GC-MS**
Chormey D. S., Akkaya E., Erulaş A. F., BAKIRDERE S.
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- LXVIII. **Accurate and sensitive analytical strategy for the determination of trace antimony: Hydrogen assisted T-shaped slotted quartz tube-atom trap-flame atomic absorption spectrometry**
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- LXIX. **Development of a sensitive and accurate switchable liquid-liquid microextraction method for cobalt determination by slotted quartz tube flame atomic absorption spectrometry**
Yazıcı E., Fırat M., Chormey D. S., BAKIRDERE E. G., BAKIRDERE S.
11th Aegean Analytical Chemistry Days (AACD2018), Girit, Yunanistan, 25 Eylül 2018
- LXX. **Simultaneous determination of procymidone, chlorflurenol and iprodione in wastewater and lake water by GC-MS after experimental design of binary dispersive liquid-liquid microextraction**
Özdoğan N., Kapukran F., Chormey D. S., BAKIRDERE S.
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- LXXI. **Multivariate optimization of switchable solvent liquid phase microextraction for the determination of etrimfos in lake and well water by GC-MS**
Fırat M., Chormey D. S., BAKIRDERE S., TURAK F.
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- LXXII. **Analytical strategies to obtain lower detection limits, 11th Aegean Analytical Chemistry Days**
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- LXXIII. **Determination of bismuth in bottled water and mineral water samples at trace levels by T-shaped slotted quartz tube-atom trap-flame atomic absorption spectrometry**
Bodur S., Erarpat S., Chormey D. S., Büyükpınar Ç., Bakırdere S.
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- LXXIV. **Production and characterization studies of a three-component scaffold composed of hydroxyapatite-graphene oxide-chitosan for bone tissue engineering applications**
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
- LXXV. **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.

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- LXXVI. **Nikelin dağıtıcı sıvı sıvı mikroekstraksiyon sonrası yarıklı kuartz tüp alevli atomik absorpsiyon spektrofotometresi ile eser seviyelerde tayini**

Yolcu Ş. M., Fırat M., Chormey D. S., BÜYÜKPINAR Ç., TURAK F., BAKIRDERE S.

International Trace Analysis Congress (ITAC2018), Sivas, Türkiye, 20 Haziran 2018

- LXXVII. **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

- LXXVIII. **The effect of HRT and SRT in the treatment of domestic wastewater by MBR**

Massara T. M., KOMESLİ O. T., SÖZÜDOĞRU O., YILMAZ A. E., BAKIRDERE S., Katsou E.

6th International Conference on Sustainable Solid Waste Management, 13 - 16 Haziran 2018

- LXXIX. **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.

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- LXXX. **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

- LXXXI. **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

- LXXXII. **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

- LXXXIII. **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.

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- LXXXIV. **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, (Tam Metin Bildiri)

- LXXXV. **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.

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- LXXXVI. **A New Analytical Strategy for the Determination of Indium**

Çelik B., Akkaya E., Bakirdere S., Aydın F.

8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC), İstanbul, Türkiye, 9 - 11 Mayıs 2018

- LXXXVII. **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.

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LXXXVIII. Study of electron density via some elements in breast cancer patients' blood samples

Toker O., Topdağı Ö., Bakırdere S., Bursalıoğlu E. O., Öz E., Eyecioğlu Ö., Karabul Y., Çağlar M., İçelli O.

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LXXXIX. 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., Bursalıoğlu E. O., Öz E., Eyecioğlu Ö., Karabul Y., Çağlar M., İçelli O.

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XC. 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.

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XCI. Determination of Copper at Trace Levels in Mineral Water Samples by Slotted Quartz Tube Atomic Absorption Spectrometry after Dispersive Liquid-Liquid Microextraction

Zaman B. T., Kasa N. A., Deniz S., Sel S., Chormey D. S., BÜYÜKPINAR Ç., BAKIRDERE E. G., BAKIRDERE S.

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XCII. 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., Elkran Ö., Erulaş F., TURAK F.

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XCIII. 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.

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XCIV. 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

XCV. Determination of Cadmium in Wastewater 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.

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XCVI. 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

XCVII. Development of a Photochemical Vapor Generation-Batch Type Ultrasonication Assisted Gas Liquid Separator- Atomic Absorption Spectrometry Method for the Trace Determination of Nickel in Soil and Water Samples

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XCVIII. Sensitive Determination of Cadmium Using Solidified Floating Organic Drop Microextraction-Slotted Quartz Tube-Flame Atomic Absorption Spectrometry

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7th International IUPAC Conference on Green Chemistry, Moskova, Rusya, 02 Ekim 2017, ss.15

XCIX. 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.

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Spectrometry for the Sensitive Determination of Lead in Mussel and Sea Water Samples

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- CI. **Determination of cadmium in drinking and wastewater by dispersive liquid-liquid microextraction slotted quartz tube flame atomic absorption spectrometry system after complexation with a new imidazole based ligand**
Yazıcı E., Bakırdere S., Fırat M., Chormey D. S., Turak F., Şahin Ç., Budak T.
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- CII. **Antimonun Yarıklı Kuartz Tüp-Alevli Atomik Absorpsiyon Sistemi ile Düşük Seviyelerde Tayini**
KOYUNCU İ., BAKIRDERE S., BÜYÜKPINAR Ç.
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- CIII. **A Novel Liquid-Liquid Extraction for the Determination of Naphthalene in Tap Water at Trace Levels by GC-MS with Deuterated Anthracene as Internal Standard**
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- CIV. **Volatile Compound Generation Strategies in Analytical Chemistry**
Bakırdere S.
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül 2016, ss.14, (Tam Metin Bildiri)
- CV. **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
- CVI. **Simultaneous Determination of Selected Hormones, Endocrine Disruptive Compounds and Pesticides in Water Samples by GC-MS after Dispersive Liquid-Liquid Microextraction**
Chormey D. S., TURAK F., BOZDOĞAN A. E., Komesli O. T., BÜYÜKPINAR Ç., BAKIRDERE S.
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül 2016, ss.35
- CVII. **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., Bakırdere S.
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- CVIII. **Development of an Analytical Method for the Determination of Valsartan in Commercial Drug and Sewage Sludge Samples by HPLC, and Evaluation of its Stability under Simulated Gastric System**
SERBEST H., BAKIRDERE S., KEYF S.
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- CIX. **Optimization of a Closed Batch Vessel Hydride Generation Atomic Absorption Spectrometry Method for the Determination of Lead in Drinking and Waste Water Samples at Trace Levels**
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10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016, ss.32
- CX. **Development of an Analytical Method for the Determination of Amoxicillin in Commercial Drugs and Wastewater Samples, and Assessing its Stability in Simulated Gastric Digestion**
Unutkan T., Koçoğlu E. S., Bakırdere S., Keyf S.
10th Aegean Analytical Chemistry Days, Çanakkale, Türkiye, 29 Eylül - 02 Ekim 2016, ss.21
- CXI. **SERTRALİNİN GC-MS SİSTEMİNDE DÜŞÜK SEVİYELERDE TAYİNİNE YÖNELİK ANALİTİK YÖNTEM GELİŞTİRİLMESİ VE YAPAY MİDE ORTAMINDAKİ KARARLILIĞININ TESPİT EDİLMESİ**
Koçoğlu E. S., Bakırdere S., Keyf S.
EsAn-2016, IV. ESER ANALİZ KONGRESİ, Sakarya, Türkiye, 19 - 22 Mayıs 2016, ss.65
- CXII. **Çevre Örneklerinde Cr(III) Ve Cr(VI) Türlerinin IC-ICP-MS Sisteminde Eser Seviyelerde Eşzamanlı Tayinleri**
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2nd International Conference on Organic Electronic Material Technologies (OEMT-2016), Çanakkale, Türkiye, 17 Mayıs 2016, ss.102
- CXIV. Magnetic Field Effect on Electrical Properties of Conducting PANI/Cu Composites**
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- CXVI. The Study of the Electron Densities of Some Food Products for Different Drying Technics**
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- CXX. Türk Makam Müziğinde Taş Plakların Rolü, Plakların Fiziksel/Kimyasal Analizleri ve Sonuçların Ses Kalitesiyle İlişkisi**
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- CXXI. Comparison of EDCs Removal in Full and Pilot Scale Membrane Bioreactor Plants: Effect of flux rate on EDCs removal in short SRT**
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- CXXII. İçme sularındaki eser miktardaki bakır tayini için yeni bir yöntem**
Güneri A., Aydın I., Bakırdere S., Aydın F., Ataman O. Y.
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- CXXIII. Su örneklerinde bulunan arsenik, kadmiyum ve kurşunun optimize edilmiş Pd-Mg ve Ni matriks modifiyerli grafit fırınlı atomik absorpsiyon spektrofotometre sistemi ile eser seviyelerdeki tayinleri**
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- CXXV. In situ atom trapping of Bi on W coated Slotted Quartz Tube Atomic Absorption Spectrometry**
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- CXXVI. Atık su arıtma tesislerinden alınan su örneklerinde doğal hormonların ve endokrin bozucu**

maddelerin katı faz ekstraksiyonundan sonra LC-ESI-MS/MS sistemi ile eşzamanlı tayinleri

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, (Özet Bildiri)

CXXXVII. Inorganik 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

CXXXVIII. 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

CXXXIX. 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.

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CXXX. 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

CXXXI. Determination of As, Cd and Se in Anatolian spices by inductively coupled plasma mass-spectrometry

Şenol F., Bakırdere S., Aydın F., Ataman O. Y.

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CXXXII. Tellerium 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

CXXXIII. 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, (Özet Bildiri)

CXXXIV. Determination of thiols in biological samples using HPLC-ICP-MS and HPLC-Orbitrap MS

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CXXXV. Hava filtresi örneklerinde ICP-OES ile bor tayini

Yıldırım E., Bora S., Arslan Y., Bakırdere S., Ataman O. Y.

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CXXXVI. 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

CXXXVII. 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

CXXXVIII. Interference studies for lead determination by Ta coated slotted tube-atom trap-flame atomic absorption spectrometry

Demirtaş İ., Bora S., Bakırdere S., Ataman O. Y.

5th Black Sea Basin Conference on Analytical Chemistry, Ordu, Türkiye, 23 - 26 Eylül 2009, ss.52

CXXXIX. Determination of lead by in-situ graphite cuvette trapping hydride generation atomic absorption spectrometry

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5th Black Sea Basin Conference on Analytical Chemistry, Ordu, Türkiye, 23 - 26 Eylül 2009, ss.51

CXL. Determination of bismuth using hydride generation-W-Trap-ICPMS

Bakırdere S., Yıldıran A., Alp T. N., Ataman O. Y.

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CXLI. 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, (Özet Bildiri)

CXLII. 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

CXLIII. 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.

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CXLIV. İdrar örneklerinde ICP-OES ile bor tayini

Ataman S., Karaman G., Bora S., Akay P., Arslan Y., Bakırdere S., Korkmaz M., Ataman O. Y.

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CXLV. Gıda örneklerinde ICPMS ile bor tayini

Karaman G., Atakol A., Bora S., Njie N., Yıldırım E., Bakırdere S., Ataman O. Y.

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CXLVI. 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

CXLVII. Tantal kaplanmış yarıklı kuvars tüp atom tuzağı-alevli AAS ile kurşun tayini

Demirtaş İ., Bakırdere S., Arslan Y., Ataman O. Y.

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CXLVIII. Development of a sensitive analytical method for antimony determination using a Ta-Coated SQT and FAAS

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CXLIX. Determination of gold concentration in ng mL⁻¹ levels by hydride generation atomic absorption spectrometry using a novel gas liquid separator and W-Coil Trap

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CLIV. Titanyum kaplanmış yarıklı kuvars tüp atom tuzağı-alevli AAS ile ng/ml düzeyinde kurşun tayini

Bora S., Bakırdere S., Ataman O. Y.

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CLV. Bor maden alanlarındaki içme sularında AE-HO-AAS kullanarak arsenik tayini

Göçmen Ö., Bakırdere S., Korkmaz M., Altıntaş N., Ataman O. Y.

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CLVI. Bildircin 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

CLVII. Bor mineralinin prostat kanserine etkisinin belirlenmesi: Topluma dayalı çalışma

Korkmaz M., Müezzinoğlu T., Lekili M., Neşe N., Bakırdere S., Arslan Y., Ataman O. Y.

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CLVIII. In situ trapping of selenium hydride on gold-coated tungsten coil and atomic absorption spectrometry

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CLIX. Interference studies for bismuth determination by tungsten trap atomic absorption spectrometry

Kula İ., Arslan Y., Bakırdere S., Titretir S., Ataman O. Y.

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CLX. Determination of antimony by using tungsten trap atomic absorption spectrometry

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CLXII. Meyve suyu örneklerinde W-Sarmal atom tuzaklı hidrür oluşturmali atomik absorpsiyon spektrometri ile kurşun tayini

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CLXIII. Kuvars tuzaklı AAS ile Cd tayini için HCl ortamında girişim çalışmaları

Aydın F., Bakırdere S., Ataman O. Y.

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CLXIV. Amoksisilin'in farklı sıcaklıklarda bozunmasının HPLC ile saptanması

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

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CLXV. 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

CLXVI. 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

CLXVII. 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.

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CLXVIII. Selenium speciation in garlic: Extraction studies

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CLXIX. Determination of lead, cadmium and copper in roadside soil and plant parts in Elazığ

Yaman M., Bakırdere S.

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CLXX. Interference studies for Pb determination by tungsten trap atomic absorption spectrometry

Titretir S., Bakırdere S., Arslan Y., Aydın F., Ataman O. Y.

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CLXXI. Tungsten sarmal tuzaklı AAS ile sigara içen insanların saçında kurşun tayini

Titretir S., Bakırdere S., Arslan Y., Aydın F., Ataman O. Y.

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CLXXII. 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

CLXXIII. 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

CLXXIV. 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

CLXXV. Datça-Emecik-Sarılıman mevkii Arkaik Kutsal alanından çıkan bazı kireçtaşı heykelciklerin arkeometrik yönden incelenmesi

Muşkara Ü., Ataman O. Y., Demirci Ş., Bakırdere S.

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CLXXVI. Günlük alınan bor mineralinin serviks kanseri üzerine olası önleyici etkisi

Korkmaz M., Uzgören E., Bakırdere S., Aydın F., Ataman O. Y.

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CLXXVIII. 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

CLXXIX. 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

CLXXX. Şehir merkezinde satılan ve çeşitli kaplarda mayalanan yoğurt örneklerinde Al tayini

Durak M., Bakırdere S., Yaman M.

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CLXXXI. Interferences studies for Cd detrmination 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

CLXXXII. Determination of arsenic in water by ET-AAS

Akdeniz İ., Gürsu F., Bakan İ., Bakırdere S., Yaman M.

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CLXXXIII. Ense saç örneklerindeki eser metallerin mikrodalga fırınında çözünürleştirilerek AAS ile tayini

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CLXXXIV. Toprakta çinko spesiasyonu (türlemesi) ve onun meyvelerdeki konsantrasyonuyla ilişkisi

Bakırdere S., Akdeniz İ., Yaman M.

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CLXXXV. Sıçan akciğerinin eser metal konsantrasyonu üzerine formaldehit alınmasının etkisi ve SOD ile ilişkisi

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CLXXXVI. Kanserli insan dokularındaki eser metallerin tayini

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Bölücek C., Bakırdere S., Yaman M.

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CLXXXIX. Leaching of aluminium from cooking utensils

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