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Eğitim Bilgileri

Doktora, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 1998 - 2002

Yüksek Lisans, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 1995 - 1998

Lisans, Çukurova Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, Türkiye 1981 - 1985

Yabancı Diller

İngilizce, B2 Orta Üstü

Sertifika, Kurs ve Eğitimler

Kalite Yönetimi, Yöntem geçerliliği ve ölçüm belirsizliği, II. Eser Analiz Çalıştayı, Trabzon, 2012

Yaptığı Tezler

Doktora, Selenyumun katalizlediği (indikatör-redoks) tepkimelere dayalı olarak eser derişimde selenyumun kinetik-spektrofotometrik yöntemle belirlenmesi, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2002

Yüksek Lisans, Bazı metal komplekslerinin TLC/IR birleşik sistemi ile tuz kaması yöntemi kullanılarak ayrılması ve tanısı, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1997

Araştırma Alanları

Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2014 - Devam Ediyor

Doç. Dr., Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2009 - 2014

Dr. Öğr. Üyesi, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2004 - 2009

Araştırma Görevlisi Dr., Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2002 - 2004
Araştırma Görevlisi, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 1995 - 2002

Akademik İdari Deneyim

Anabilim/Bilim Dalı Başkanı, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2020 - Devam Ediyor
Anabilim/Bilim Dalı Başkanı, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2017 - 2020
Bölüm Başkan Yardımcısı, Sivas Cumhuriyet Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2008 - 2010

Verdiği Dersler

Analitik Kimya-I, Lisans, 2019 - 2020
Enstrümental Analiz Lab, Lisans, 2018 - 2019
Analitik Kimyanın İlkeleri, Yüksek Lisans, 2019 - 2020
Tez Çalışması, Yüksek Lisans, 2018 - 2019
Uzmanlık Alan Dersi, Yüksek Lisans, 2018 - 2019
Analitik Kimyanın İlkeleri, Yüksek Lisans, 2019 - 2020
Analitik kimya Lab. - I, Lisans, 2019 - 2020
Enstrümental Analiz, Lisans, 2018 - 2019
Genel Kimya II, Lisans, 2017 - 2018
Genel Kimya, Lisans, 2018 - 2019
Seminer Dersi, Doktora, 2017 - 2018
Kimyasal Türleme, Yüksek Lisans, 2016 - 2017
Misel-Destekli Ekstraksiyon, Yüksek Lisans, 2017 - 2018
Elektroanalitik Kimya, Lisans, 2017 - 2018
Kimyasal Enstrümantasyon, Lisans, 2016 - 2017
Bitirme Ödevi/Tezi, Lisans, 2016 - 2017
Seminer Dersi, Yüksek Lisans, 2015 - 2016
Analitik Kimyada İyonik Sıvılar, Yüksek Lisans, 2015 - 2016
Uzmanlık Alan Dersi, Doktora, 2015 - 2016
Genel Kimya Lab.I, Lisans, 2015 - 2016
Genel Kimya Laboratuvarı I, Lisans, 2014 - 2015
Genel Kimya I, Lisans, 2014 - 2015
Genel Kimya - II, Lisans, 2013 - 2014
Enstrümental Analiz, Lisans, 2013 - 2014
Genel Kimya - I, Lisans, 2013 - 2014
Elektroanalitik Kimya, Lisans, 2012 - 2013
Su Kimyası, Lisans, 2011 - 2012
Analitik kimyada iyonik sıvılar, Yüksek Lisans, 2012 - 2013
Su Kimyası, Lisans, 2011 - 2012
Kinetik Analiz, Yüksek Lisans, 2010 - 2011
Kimyasal Enstrümantasyon, Lisans, 2010 - 2011
Atomik Spektrometri Örnek Girişinde Yüzey Aktif Yapılandırılmış Yapılar, Yüksek Lisans, 2010 - 2011
Enstrümental Analiz Lab., Lisans, 2010 - 2011
Genel Kimya-I, Lisans, 2010 - 2011
Su Kimyası, Lisans, 2009 - 2010
Tekstil Kimyası, Ön Lisans, 2008 - 2009
Enstrümental Analiz, Lisans, 2009 - 2010
Kimyasal Türleme, Yüksek Lisans, 2009 - 2010

Misel Destekli Ekstraksiyon, Yüksek Lisans, 2009 - 2010
Elektroanalitik Kimya, Lisans, 2009 - 2010
Genel Kimya - III (Analitik Kimya), Lisans, 2007 - 2008
Çevre Kimyasına Giriş, Lisans, 2006 - 2007
Genel Kimya, Lisans, 2004 - 2005
Kimya III, Lisans, 2005 - 2006
Analitik Kimya, Lisans, 2005 - 2006
Kimya-I, Lisans, 2004 - 2005
Genel Kimya I, Lisans, 2004 - 2005

Jüri Üyelikleri

Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama, Sivas Cumhuriyet Üniversitesi, Ocak, 2020
Tez Savunma (Doktora), Tez Savunma (Doktora), Tokat Gaziosmanpaşa Üniversitesi, Eylül, 2019
Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama, Sivas Cumhuriyet Üniversitesi, Ocak, 2018
Tez Savunma (Yüksek Lisans), Tez Savunma (Yüksek Lisans), Tokat Gaziosmanpaşa Üniversitesi, Aralık, 2017
Doçentlik Sınavı, Doçentlik Sınavı, Sivas Cumhuriyet Üniversitesi, Ekim, 2017
Doçentlik Sınavı, Doçentlik Sınavı, Sivas Cumhuriyet Üniversitesi, Nisan, 2016
Doçentlik Sınavı, Doçentlik Sınavı, Sivas Cumhuriyet Üniversitesi, Ocak, 2015
Akademik Kadroya Atama-Yardımcı Doçentlik, Akademik Kadroya Atama, Sivas Cumhuriyet Üniversitesi, Mayıs, 2014

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Pre-concentration of trace Mn from dairy products through a pH-induced tautomerization/charge transfer complexation before spectrophotometric analysis**
GÜRKAN R., ZENGİN H.
Chemical Papers, cilt.78, sa.5, ss.2915-2931, 2024 (SCI-Expanded)
- II. **Application of ultrasound assisted-cloud point extraction coupled with spectrophotometry for the selective extraction/pre-concentration of low levels of inorganic Hg (as Hg²⁺/Hg²⁺) from liquid matrices**
GÜRKAN R., ZENGİN H.
International Journal of Environmental Analytical Chemistry, cilt.104, sa.18, ss.7046-7066, 2024 (SCI-Expanded)
- III. **A new pre-concentration procedure based on poly(styrene-co-maleamide and imide) copolymers modified with 2-hydrazinobenzothiazole prior to spectrophotometric monitoring of inorganic As (as As(III)) in edible vegetable oils**
GÜRKAN R., ZENGİN H.
Food Chemistry, cilt.409, 2023 (SCI-Expanded)
- IV. **Novel amide- and imide-co-polymers modified with sulfathiazole as efficient chelator for selective extraction, pre-concentration and determination of trace inorganic antimony (as Sb(III)) from edible vegetable oils by ultrasound assisted-cloud point extraction coupled to micro-volume UV-spectrophotometry**
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JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.115, 2023 (SCI-Expanded)
- V. **pH-controlled charge transfer sensitive 2-aminobenzimidazole modified poly(styrene-co-maleic anhydride) copolymer for selective extraction, pre-concentration and determination of trace Hg²⁺ and CH₃Hg⁺ in vinegar by combination of ultrasound assisted-cloud point extraction with UV-VIS spectrophotometry**
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JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.114, 2022 (SCI-Expanded)

- VI. **An indirect method for the analysis of bisphenol A, as a Mn(III)-chelate complex, in milk samples by ultrasound assisted-cloud point extraction/flame atomic absorption spectrometry**
Temel N., GÜRKAN R.
ANALYTICAL METHODS, cilt.14, sa.26, ss.2596-2607, 2022 (SCI-Expanded)
- VII. **A magnetic nanocomposite based on amine-functionalized pH-sensitive functional poly(styrene-co-maleic anhydride) copolymer for selective extraction, pre-concentration and determination of sub-trace Ag⁺ and Cu²⁺ ions from edible vegetable oils by a combination of spectrophotometry and ultrasound-assisted cloud point extraction**
ZENGİN H., GÜRKAN R.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.19, sa.5, ss.1669-1688, 2022 (SCI-Expanded)
- VIII. **A New Enrichment Method for Quantification of 5-Hydroxymethylfurfural by Indirect Flame Atomic Absorption Spectrometry in Honey and Jam Samples**
GÜRKAN R.
JOURNAL OF AOAC INTERNATIONAL, cilt.104, sa.3, ss.682-692, 2021 (SCI-Expanded)
- IX. **Eco-friendly trace analysis of silver in beer/wine samples using a new co-polymeric nanocomposite based-ultrasound assisted-cloud point extraction combined with spectrophotometry**
ZENGİN H., GÜRKAN R.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.98, 2021 (SCI-Expanded)
- X. **Application of a novel poly(SMAm)-Tris-Fe₃O₄ nanocomposite for selective extraction and enrichment of Cu(I) /Cu(II) from beer, soft drinks and wine samples, and speciation analysis by micro-volume UV-Vis spectrophotometry**
ZENGİN H., GÜRKAN R.
TALANTA, cilt.224, 2021 (SCI-Expanded)
- XI. **Selective extraction and enrichment of 5-hydroxymethylfurfural from honey, molasses, jam and vinegar samples prior to sensitive determination by micro-volume UV-vis spectrophotometry**
Bas S. D., GÜRKAN R.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.95, 2021 (SCI-Expanded)
- XII. **Bio-sorption of bisphenol a by the dried- and inactivated-lichen (Pseudoevernia furfuracea) biomass from aqueous solutions**
Senol Z. M., Gul U. D., GÜRKAN R.
JOURNAL OF ENVIRONMENTAL HEALTH SCIENCE AND ENGINEERING, cilt.18, sa.2, ss.853-864, 2020 (SCI-Expanded)
- XIII. **Coupling of ion pair ultrasound assisted-cloud point extraction to microvolume UV-Vis spectrophotometry for speciation analysis of ionic NO₂⁻, NO₃⁻ and total NO₂⁻/NO₃⁻ without and with reduction in the selected beverage and food matrices**
Olgac E., GÜRKAN R.
FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & RISK ASSESSMENT, cilt.37, sa.11, ss.1811-1830, 2020 (SCI-Expanded)
- XIV. **Selective extraction of Cu⁺ and Cu²⁺ ions from mushroom and lichen samples prior to analysis by micro-volume UV-Vis spectrophotometry: Application of a novel poly (SMIm)-Tris-Fe₃O₄ nanocomposite**
ZENGİN H., Marsan H., GÜRKAN R.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.91, 2020 (SCI-Expanded)
- XV. **Preparation and application of alcohol based deep eutectic solvents for extraction of curcumin in food samples prior to its spectrophotometric determination**
Altunay N., Elik A., Gürkan R.
FOOD CHEMISTRY, cilt.310, 2020 (SCI-Expanded)
- XVI. **Manganese sensitised-indirect determination of melamine in milk-based samples by flame atomic absorption spectrometry coupled with ultrasound assisted-cloud point extraction**
Gürkan R., Kartal Temel N.
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- XVII. **Application of Ultrasound-Assisted Cloud-Point Extraction and Spectrophotometry for Preconcentration and Determination of Trace Amounts of Copper(II) in Beverages**
Temel N. K., GÜRKAN R.
JOURNAL OF ANALYTICAL CHEMISTRY, cilt.74, sa.12, ss.1174-1183, 2019 (SCI-Expanded)
- XVIII. **A new ion-pair ultrasound assisted-cloud point extraction approach for determination of trace V(V) and V(IV) in edible vegetal oils and vinegar by spectrophotometry**
Temel N., Kus B., GÜRKAN R.
MICROCHEMICAL JOURNAL, cilt.150, 2019 (SCI-Expanded)
- XIX. **Use of 2-Hydrazinobenzothiazole-Modified Copolymer(s) as Potential Chelating Agent for Sensitive and Selective Determination of Low Levels of Mercury in Seafood by Ultrasound-Assisted Cloud-Point Extraction Combined with Spectrophotometry**
ZENGİN H., GÜRKAN R.
BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.191, sa.1, ss.254-268, 2019 (SCI-Expanded)
- XX. **A novel, green and safe ultrasound-assisted emulsification liquid phase microextraction based on alcohol-based deep eutectic solvent for determination of patulin in fruit juices by spectrophotometry**
Altunay N., Elik A., Gürkan R.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.82, 2019 (SCI-Expanded)
- XXI. **A Simple and Green Microextraction Procedure for Extraction of Morin in Food and Beverages Using Ionic Liquid**
ALTUNAY N., ELİK A., GÜRKAN R.
FOOD ANALYTICAL METHODS, cilt.12, sa.8, ss.1747-1758, 2019 (SCI-Expanded)
- XXII. **Natural deep eutectic solvent-based ultrasound-assisted-microextraction for extraction, pre-concentration and analysis of methylmercury and total mercury in fish and environmental waters by spectrophotometry**
Altunay N., Elik A., Gürkan R.
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- XXIII. **Ion pair vortex assisted-ionic liquid based dispersive liquid-liquid microextraction for selective separation and preconcentration of 4-methylimidazole from caramel colour drinks and foodstuffs prior to its spectrophotometric determination**
ALTUNAY N., GÜRKAN R.
MICROCHEMICAL JOURNAL, cilt.147, ss.999-1009, 2019 (SCI-Expanded)
- XXIV. **Monitoring of some trace metals in honeys by flame atomic absorption spectrometry after ultrasound assisted-dispersive liquid liquid microextraction using natural deep eutectic solvent**
Altunay N., Elik A., Gürkan R.
MICROCHEMICAL JOURNAL, cilt.147, ss.49-59, 2019 (SCI-Expanded)
- XXV. **Vortex assisted-ionic liquid based dispersive liquid liquid microextraction of low levels of nickel and cobalt in chocolate-based samples and their determination by FAAS**
ALTUNAY N., ELİK A., GÜRKAN R.
MICROCHEMICAL JOURNAL, cilt.147, ss.277-285, 2019 (SCI-Expanded)
- XXVI. **Development of a new analytical method for Pb preconcentration and its further determination in water and foodstuffs using relatively low-sensitivity flame atomic absorption spectrometry**
GÜRKAN R.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.99, sa.10, ss.977-995, 2019 (SCI-Expanded)
- XXVII. **Preconcentration and Determination of Trace Nickel and Cobalt in Milk-Based Samples by Ultrasound-Assisted Cloud Point Extraction Coupled with Flame Atomic Absorption Spectrometry**
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- XXVIII. **Combination of Ultrasound-Assisted Cloud-Point Extraction with Spectrophotometry for Extraction, Preconcentration, and Determination of Low Levels of Free Formaldehyde from Cosmetic Products**
Temel N., GÜRKAN R.
JOURNAL OF AOAC INTERNATIONAL, cilt.101, sa.6, ss.1763-1772, 2018 (SCI-Expanded)
- XXIX. **A new method of UA_CPE coupled with spectrophotometry for the faster and cost-effective detection of proline in fruit juice, honey, and wine**
Dagdeviren S., ALTUNAY N., Sayman Y., GÜRKAN R.
FOOD CHEMISTRY, cilt.255, ss.31-40, 2018 (SCI-Expanded)
- XXX. **Preconcentration and indirect quantification of trace nitrite, nitrate and total nitrite in selected beverage and milk samples using ion-pairing cloud-point extraction with acridine orange's**
GÜRKAN R., ALTUNAY N.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.69, ss.129-139, 2018 (SCI-Expanded)
- XXXI. **Extraction and preconcentration of trace Al and Cr from vegetable samples by vortex-assisted ionic liquid-based dispersive liquid-liquid microextraction prior to atomic absorption spectrometric determination**
ALTUNAY N., Yildirim E., GÜRKAN R.
FOOD CHEMISTRY, cilt.245, ss.586-594, 2018 (SCI-Expanded)
- XXXII. **Preconcentration and Determination of Trace Vanadium(V) in Beverages by Combination of Ultrasound Assisted-cloud Point Extraction with Spectrophotometry**
Temel N., GÜRKAN R.
ACTA CHIMICA SLOVENICA, cilt.65, sa.1, ss.138-149, 2018 (SCI-Expanded)
- XXXIII. **Simple and fast spectrophotometric determination of low levels of thiabendazole residues in fruit and vegetables after pre-concentration with ionic liquid phase microextraction**
ALTUNAY N., Uluzger D., GÜRKAN R.
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- XXXIV. **Application of simple, fast and eco-friendly ultrasound-assisted-cloud point extraction for pre-concentration of zinc, nickel and cobalt from foods and vegetables prior to their flame atomic absorption spectrometric determinations**
ALTUNAY N., ELİK A., Bulutlu C., GÜRKAN R.
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- XXXV. **Extraction and reliable determination of acrylamide from thermally processed foods using ionic liquid-based ultrasound-assisted selective microextraction combined with spectrophotometry**
ALTUNAY N., ELİK A., GÜRKAN R.
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- XXXVI. **Using Safranin T as a Charge Transfer-Sensitive Ion-Pairing Reagent in Ultrasound-Assisted Cloud Point Extraction: Determination of Bisphenol A in Selected Beverages**
Temel N., GÜRKAN R.
JOURNAL OF AOAC INTERNATIONAL, cilt.101, sa.1, ss.277-287, 2018 (SCI-Expanded)
- XXXVII. **Ionic liquid based ion-pairing microextraction combined with spectrophotometry for preconcentration and quantitation of melamine in milk and milk-based products**
ALTUNAY N., Demir O., GÜRKAN R.
LWT-FOOD SCIENCE AND TECHNOLOGY, cilt.86, ss.352-360, 2017 (SCI-Expanded)
- XXXVIII. **Extraction, Preconcentration, and Quantification of Low Levels of Free Formaldehyde from Some Beverage Matrices by Combination of Ultrasound-Assisted-Cloud Point Extraction with Spectrophotometry**
Temel N., GÜRKAN R.
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- XXXIX. **Indirect determination of the flavor enhancer maltol in foods and beverages through flame atomic**

absorption spectrometry after ultrasound assisted-cloud point extraction

Altunay N., Gürkan R., Orhan U.

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- XL. **Ionic liquid based ion-pairing microextraction combined with spectrophotometry for preconcentration and quantitation of melamine in milk and milk-based products**
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- XLII. **Development of a New Methodology for Indirect Determination of Nitrite, Nitrate, and Total Nitrite in the Selected Two Groups of Foods by Spectrophotometry**
ALTUNAY N., GÜRKAN R., Olgac E.
FOOD ANALYTICAL METHODS, cilt.10, sa.7, ss.2194-2206, 2017 (SCI-Expanded)
- XLIII. **A New Ultrasonic Thermostatic-Assisted Cloud Point Extraction/Spectrophotometric Method for the Preconcentration and Determination of Bisphenol A in Food, Milk, and Water Samples in Contact with Plastic Products**
Yildirim E., GÜRKAN R., ALTUNAY N.
FOOD ANALYTICAL METHODS, cilt.10, sa.6, ss.1765-1776, 2017 (SCI-Expanded)
- XLIV. **Extraction, preconcentration and spectrophotometric determination of trace levels of thiosulfate in environmental waters**
GÜRKAN R., ALTUNAY N., Gurkan N.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.14, sa.5, ss.1033-1049, 2017 (SCI-Expanded)
- XLV. **A micellar sensitized kinetic method for quantification of low levels of bisphenol A in foodstuffs by spectrophotometry**
Temel N., GÜRKAN R.
ANALYTICAL METHODS, cilt.9, sa.7, ss.1190-1200, 2017 (SCI-Expanded)
- XLVI. **Speciative determination of total V and dissolved inorganic vanadium species in environmental waters by catalytic-kinetic spectrophotometric method**
GÜRKAN R., Tamay A., ULUSOY H. İ.
Arabian Journal of Chemistry, cilt.10, 2017 (SCI-Expanded)
- XLVII. **Simultaneous determination of dissolved inorganic chromium species in wastewater/natural waters by surfactant sensitized catalytic kinetic spectrophotometry**
GÜRKAN R., ULUSOY H. İ., Akçay M.
Arabian Journal of Chemistry, cilt.10, 2017 (SCI-Expanded)
- XLVIII. **Determination of sub-ng g(-1) levels of total inorganic arsenic and selenium in foods by hydride-generation atomic absorption spectrometry after pre-concentration**
ALTUNAY N., GÜRKAN R.
FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & RISK ASSESSMENT, cilt.34, sa.3, ss.390-403, 2017 (SCI-Expanded)
- XLIX. **A preconcentration method for indirect determination of acrylamide from chips, crackers and cereal-based baby foods using flame atomic absorption spectrometry**
ALTUNAY N., GÜRKAN R., Orhan U.
TALANTA, cilt.161, ss.143-150, 2016 (SCI-Expanded)
- L. **Separation/preconcentration of ultra-trace levels of inorganic Sb and Se from different sample matrices by charge transfer sensitized ion-pairing using ultrasonic-assisted cloud point extraction prior to their speciation and determination by hydride generation AAS**
ALTUNAY N., GÜRKAN R.
TALANTA, cilt.159, ss.344-355, 2016 (SCI-Expanded)
- L. **Application of ultrasonic-assisted cloud point extraction/flame atomic absorption spectrometry (UA-CPE/FAAS) for preconcentration and determination of low levels of antimony in some beverage samples**
GÜRKAN R., Eser M.
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- LI. **Preconcentration and determination of vanadium and molybdenum in milk, vegetables and foodstuffs by ultrasonic-thermostatic-assisted cloud point extraction coupled to flame atomic absorption spectrometry**
GÜRKAN R., Korkmaz S., ALTUNAY N.
TALANTA, cilt.155, ss.38-46, 2016 (SCI-Expanded)
- LII. **A simple and efficient ultrasonic-assisted extraction procedure combined with UV-Vis spectrophotometry for the pre-concentration and determination of folic acid (vitamin B-9) in various sample matrices**
GÜRKAN R., ALTUNAY N.
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- LIII. **A Simple, Low-Cost, and Useful Preconcentration Method for Quantification of Soluble, Insoluble, and Total Oxalate in Selected Vegetables Through Spectrophotometry**
ALTUNAY N., GÜRKAN R.
FOOD ANALYTICAL METHODS, cilt.9, sa.4, ss.950-965, 2016 (SCI-Expanded)
- LIV. **A New Micellar Mediated Cloud-Point Extraction Procedure for Sensitive and Selective Determination of Trace Amounts of Total Iodine in Milk-Based Nutritional Products by Means of Indirect Spectrophotometry**
ALTUNAY N., GÜRKAN R.
FOOD ANALYTICAL METHODS, cilt.9, sa.2, ss.505-518, 2016 (SCI-Expanded)
- LV. **A new simple UV-Vis spectrophotometric method for determination of sulfite species in vegetables and dried fruits using a preconcentration process**
ALTUNAY N., GÜRKAN R.
ANALYTICAL METHODS, cilt.8, sa.2, ss.342-352, 2016 (SCI-Expanded)
- LVI. **A simple and efficient approach for preconcentration of some heavy metals in cosmetic products before their determinations by flame atomic absorption spectrometry**
ALTUNAY N., GÜRKAN R.
TURKISH JOURNAL OF CHEMISTRY, cilt.40, sa.6, ss.988-1001, 2016 (SCI-Expanded)
- LVII. **Photocatalytic TiO₂-catalyzed degradation of bromophenol blue-mediated Mo(VI)-peroxo complexes in the presence of SDS**
KARTAL TEMEL N., GÜRKAN R., Ayan F.
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- LVIII. **Simultaneous determination of antimony and boron in beverage and dairy products by flame atomic absorption spectrometry after separation and pre-concentration by cloud-point extraction**
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- LIX. **Preconcentration of sulfite from food and beverage matrices by ultrasonic assisted-cloud point extraction prior to its indirect determination by flame atomic absorption spectrometry**
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- LX. **Ultrasound assisted extraction and spectrophotometric determination of trace selenium in water, food and vegetable samples**
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