

Prof. NAİL ALTUNAY

Personal Information

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International Researcher IDs

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Education Information

Doctorate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Turkey 2011 - 2015

Postgraduate, Sivas Cumhuriyet University, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Turkey 2008 - 2011

Undergraduate, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, Turkey 2004 - 2008

Research Areas

Analytical Chemistry, Chemometry, Spectroscopical Methods, Trace Elements, Natural Sciences

Academic Titles / Tasks

Professor, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2023 - Continues

Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2021 - 2023

Associate Professor, Sivas Cumhuriyet University, Fen Fakültesi, Biyokimya Bölümü, 2019 - 2021

Associate Professor, Sivas Cumhuriyet University, Yıldızeli Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler Bölümü, 2018 - 2019

Assistant Professor, Sivas Cumhuriyet University, Yıldızeli Meslek Yüksekokulu, Tıbbi Hizmetler Ve Teknikler Bölümü, 2017 - 2018

Lecturer, Sivas Cumhuriyet University, İmranlı Meslek Yüksekokulu, Kimya Ve Kimyasal İşleme Teknolojileri, 2015 - 2017

Lecturer, Sivas Cumhuriyet University, İmranlı Meslek Yüksekokulu, Malzeme Ve Malzeme İşl.Tekno., 2012 - 2015

Academic and Administrative Experience

Assistant Director of the Institute, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2022 - Continues

BAP Scientific Commissioner, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2020 - Continues

Fakülte Yönetim Kurulu Üyesi, Sivas Cumhuriyet University, Fen Fakültesi, Kimya Bölümü, 2019 - 2023

Meslek Yüksekokulu Kurulu Üyesi, Sivas Cumhuriyet University, Yıldızeli Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü, 2017 - 2019

Head of Department, Sivas Cumhuriyet University, Yıldızeli Meslek Yüksekokulu, Tıbbi Hizmetler ve Teknikler Bölümü, 2017 - 2019

Head of Department, Sivas Cumhuriyet University, İmranlı Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2016 - 2017

Meslek Yüksekokulu Kurulu Üyesi, Sivas Cumhuriyet University, İmranlı Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2014 - 2017

Head of Department, Sivas Cumhuriyet University, İmranlı Meslek Yüksekokulu, Malzeme ve Malzeme İşl.Tekno., 2014 - 2016

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Sivas Cumhuriyet University, İmranlı Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2013 - 2016

Assistant Director of Vocational School, Sivas Cumhuriyet University, İmranlı Meslek Yüksekokulu, 2013 - 2016

Mevlana Exchange Program Coordinator, Sivas Cumhuriyet University, İmranlı Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2014 - 2015

Erasmus Coordinator, Sivas Cumhuriyet University, İmranlı Meslek Yüksekokulu, Kimya ve Kimyasal İşleme Teknolojileri, 2013 - 2014

Courses

Elementler Kimyası, Undergraduate, 2023 - 2024

Bitirme Ödevi/Tezi, Undergraduate, 2023 - 2024

Kompleks Matrisklerin Analitik Kimyası, Postgraduate, 2023 - 2024

Çevresel Analiz İçin İşlemler ve Yöntem Doğrulama, Postgraduate, 2023 - 2024

Analitik Kimyada Kemometrik Yöntemler, Postgraduate, 2023 - 2024

Analitik kimya Lab. - II, Undergraduate, 2022 - 2023

Kimyasal Analizde Önışlemler, Postgraduate, 2022 - 2023

Analitik Kimyada Kemometrik Yöntemler, Postgraduate, 2022 - 2023

Adli Bilimlerde Analitik Kimya, Postgraduate, 2022 - 2023

Uzmanlık Alan Dersi, Postgraduate, 2022 - 2023

Analitik Kimya-I, Undergraduate, 2022 - 2023

Kimyasal Analizde Önışlemler, Postgraduate, 2022 - 2023

Genel Kimya I, Undergraduate, 2021 - 2022

Ekolojik Biyokimya, Undergraduate, 2021 - 2022

Çevre Kimyasına Giriş, Undergraduate, 2021 - 2022

Temel Biyokimya, Associate Degree, 2018 - 2019

Biyoanalitik Kimya, Associate Degree, 2018 - 2019

Toprak Kimyası ve Analizleri, Associate Degree, 2018 - 2019

Laboratuvar Kimyası, Associate Degree, 2018 - 2019

Temel Tıbbi Laboratuvar Teknikleri, Associate Degree, 2017 - 2018

Analitik Kimya, Associate Degree, 2018 - 2019

Bilimsel ve Kültürel Etkinlikler, Associate Degree, 2017 - 2018

Medikal Cihazlar ve Çalışma Prensipleri, Associate Degree, 2018 - 2019

Enstrümantal Analiz, Associate Degree, 2017 - 2018

Enstümantal Analiz Lab., Associate Degree, 2017 - 2018

Analitik Kimya, Associate Degree, 2016 - 2017

Ayrırma ve Zenginleştirme Yöntemleri, Associate Degree, 2016 - 2017

Kimyasal Analizde Temel İlkeler, Associate Degree, 2017 - 2018

Endüstriyel Hijyen, Associate Degree, 2015 - 2016

Kimyasallar ve Tehlikeleri, Associate Degree, 2015 - 2016

Genel Kimya - I, Associate Degree, 2016 - 2017

İstatistik, Associate Degree, 2013 - 2014

Jury Memberships

Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, November, 2019

Doctorate, Doctorate, Tokat Gaziosmanpaşa Üniversitesi, October, 2019

Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, September, 2019

Post Graduate, Post Graduate, Sivas Cumhuriyet Üniversitesi, June, 2019

Post Graduate, Post Graduate, Tokat Gaziosmanpaşa Üniversitesi, April, 2019

Academic Staff Examination, Academic Staff Examination, Sivas Cumhuriyet Üniversitesi, December, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Sivas Cumhuriyet Üniversitesi, February, 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of use of hydrophilic/hydrophobic NADESs for selective extraction of As(III) and Sb(III) ions in vegetable samples: Air assisted liquid phase microextraction and chemometric optimization**
ELİK A., Doğan B., DEMİRBAŞ A., Haq H. U., Sanaullah S., ALTUNAY N.
Food Chemistry, vol.451, 2024 (SCI-Expanded)
- II. **Development of a vortex-assisted switchable-hydrophilicity solvent-based liquid phase microextraction for fast and reliable extraction of Zn (II), Fe (II), Pb (II), and Cd (II) from various baby food products**
Ul Haq H., ELİK A., İsci G., Ekici M., GÜRSOY N., Boczkaj G., ALTUNAY N.
Food Chemistry, vol.447, 2024 (SCI-Expanded)
- III. **Rapid and safe determination of vitamin B1 in dairy products, fruits, nuts and vitamin tablets: Combination of natural deep eutectic solvents, experimental design and artificial intelligence**
YÜKSEK A. G., ELİK A., ALTUNAY N.
Journal of Food Composition and Analysis, vol.131, 2024 (SCI-Expanded)
- IV. **Optimization of vortex-assisted magnetic nanofluid based liquid phase microextraction for fast, green and reliable extraction of ibuprofen from real samples: Multivariate approach**
Çeçe B., Tüzen M., ALTUNAY N.
Sustainable Chemistry and Pharmacy, vol.39, 2024 (SCI-Expanded)
- V. **Preparation and investigation of green and cheap deep eutectic solvents for determination of essential and toxic metal ions at trace levels in different coffee products**
ELİK A., ALTUNAY N.
Sustainable Chemistry and Pharmacy, vol.39, 2024 (SCI-Expanded)
- VI. **Quality control of cheese samples for the presence of natamycin preservative – A natural deep eutectic solvent (NADES) based extraction coupled with HPLC**
Haq H. U., ALTUNAY N., Tuzen M., Boczkaj G.
Journal of Food Composition and Analysis, vol.129, 2024 (SCI-Expanded)
- VII. **Investigation of different solvents for selective, safe and rapid extraction of curcumin from various food and herbal supplement products: Multivariate strategy and assessment of green profile**
Ablak Ö., ALTUNAY N.
Microchemical Journal, vol.200, 2024 (SCI-Expanded)
- VIII. **Sensitive method for determination of benzoic acid in beverages and food samples using air-assisted hydrophobic deep eutectic solvent-based dispersive liquid-liquid microextraction**
ALTUNAY N., Lanjwani M. F., Haq H. U., Tuzen M., ELİK A.
Sustainable Chemistry and Pharmacy, vol.38, 2024 (SCI-Expanded)
- IX. **Sustainable vortex assisted liquid phase microextraction based on fatty acid switchable solvent for selective and accurate analysis of manganese in food samples**
ELİK A., GÜRSOY N., ALTUNAY N.
Chemical Papers, vol.78, no.5, pp.3261-3272, 2024 (SCI-Expanded)
- X. **Synthesis, characterization and application of cross-linked functional terpolymer through epoxy group as sorbent for extraction of cadmium from waters and foods: Multivariate optimization**
Yılmaz E., BOZTUĞ A., Ul Haq H., Boczkaj G., ALTUNAY N.

Food Chemistry, vol.435, 2024 (SCI-Expanded)

- XI. **Investigation of vortex assisted magnetic deep eutectic solvent based dispersive liquid-liquid microextraction for separation and determination of vanadium from water and food matrices: Multivariate analysis**
ALTUNAY N., Farooque Lanjwani M., Tuzen M., Boczkaj G.
Journal of Molecular Liquids, vol.396, 2024 (SCI-Expanded)
- XII. **Magnetic hydrophobic deep eutectic solvents for orbital shaker-assisted dispersive liquid-liquid microextraction (MAGDES-OS-DLLME) - Determination of nickel and copper in food and water samples by FAAS**
ELİK A., Haq H. U., Boczkaj G., FESLİYAN S., Ablak Ö., ALTUNAY N.
Journal of Food Composition and Analysis, vol.125, 2024 (SCI-Expanded)
- XIII. **Combination of homogeneous liquid-liquid extraction and vortex assisted dispersive liquid-liquid microextraction for the extraction and analysis of ochratoxin A in dried fruit samples: Central composite design optimization**
ELİK A., Ablak Ö., Haq H. U., Boczkaj G., ALTUNAY N.
Journal of Food Composition and Analysis, vol.124, 2023 (SCI-Expanded)
- XIV. **Application of chemometric modeling for ionic liquid-based ultrasonic-assisted dispersive liquid-liquid microextraction: Analysis of fosetyl-aluminum in fruit and vegetable samples**
Haq H. U., ELİK A., DURUKAN H., SARAÇ H., DEMİRBAŞ A., Boczkaj G., GÜRSOY N., ALTUNAY N.
Journal of Food Composition and Analysis, vol.124, 2023 (SCI-Expanded)
- XV. **Optimization of vortex-assisted hydrophobic magnetic deep eutectic solvent-based dispersive liquid phase microextraction for quantification of niclosamide in real samples**
ALTUNAY N., Ul Haq H., Castro-Muñoz R.
Food Chemistry, vol.426, 2023 (SCI-Expanded)
- XVI. **An air-assisted dispersive liquid phase microextraction method based on a hydrophobic magnetic deep eutectic solvent for the extraction and preconcentration of melamine from milk and milk-based products**
ELİK A., FESLİYAN S., GÜRSOY N., Haq H. U., Castro-Muñoz R., ALTUNAY N.
Food Chemistry, vol.426, 2023 (SCI-Expanded)
- XVII. **Ultrasound assisted dispersive solid phase microextraction using polystyrene-polyoleic acid graft copolymer for determination of Sb(III) in various bottled beverages by HGAAS**
ALTUNAY N., Hazer B., Farooque Lanjwani M., Tuzen M., Ul Haq H., Boczkaj G.
Food Chemistry, vol.425, 2023 (SCI-Expanded)
- XVIII. **A chemometric-based sonication-assisted liquid-liquid microextraction for analysis of sulfadiazine in dairy products and honey using low viscous hydrophobic deep eutectic solvents**
Taşpınar H., ALTUNAY N.
Microchemical Journal, vol.193, 2023 (SCI-Expanded)
- XIX. **Ultrasound-assisted dispersive liquid-liquid microextraction based on solidification of floating organic drop for analysis of propineb in water and food samples: Experimental modeling**
ELİK A., ALTUNAY N.
Sustainable Chemistry and Pharmacy, vol.35, 2023 (SCI-Expanded)
- XX. **Ultra-Sensitive Determination of Cadmium in Food and Water by Flame-AAS after a New Polyvinyl Benzyl Xanthate as an Adsorbent Based Vortex Assisted Dispersive Solid-Phase Microextraction: Multivariate Optimization**
ALTUNAY N., Hazer B., Lanjwani M. F., Tuzen M.
Foods, vol.12, no.19, 2023 (SCI-Expanded)
- XXI. **Experimental and theoretical observations in a mixed mode dispersive solid phase extraction of exogenous surfactants from exhaled breath condensate prior to HPLC-MS/MS analysis**
Khoubnasabjafari M., ALTUNAY N., Tuzen M., KAYA S., Katin K. P., Farajzadeh M. A., Hosseini M., Afshar Mogaddam M. R., Jouyban A.
Journal of Molecular Structure, vol.1281, 2023 (SCI-Expanded)

- XXII. **Combination of doped amorphous carbon based dispersive solid phase extraction with ionic liquid-based DLLME for the extraction of aromatic amines from leather industries wastewater; Theoretical and experimental insights**
Nemati M., Farajzadeh M. A., ALTUNAY N., Tuzen M., KAYA S., Maslov M. M., Afshar Mogaddam M. R.
Journal of Molecular Structure, vol.1281, 2023 (SCI-Expanded)
- XXIII. **Preparation of fatty acid-based ternary deep eutectic solvents: Application for determination of tetracycline residue in water, honey and milk samples by using vortex-assisted microextraction**
Lanjwani M. F., ALTUNAY N., Tuzen M.
Food Chemistry, vol.400, 2023 (SCI-Expanded)
- XXIV. **Optimization of vortex-assisted switchable hydrophilicity solvent liquid phase microextraction for the selective extraction of vanillin in different matrices prior to spectrophotometric analysis**
ELİK A., ALTUNAY N.
Food Chemistry, vol.399, 2023 (SCI-Expanded)
- XXV. **A homogeneous liquid-liquid microextraction based on temperature-controlled ionic liquid for the accurate and selective determination at low levels of zineb residues in foodstuff by using experimental design**
ALTUNAY N., Tuzen M., Lanjwani M. F.
International Journal of Environmental Analytical Chemistry, 2023 (SCI-Expanded)
- XXVI. **Optimization of [P6,6,6,14+]₃[GdCl₆]⁻ magnetic ionic liquid assisted dispersive liquid-liquid microextraction for selective and sensitive determination of cadmium in environmental water and food**
Doğan B., ALTUNAY N.
Food Additives and Contaminants - Part A, vol.40, no.12, pp.1600-1613, 2023 (SCI-Expanded)
- XXVII. **Determination and extraction of acrylamide in processed food samples using alkanol-based supramolecular solvent-assisted dispersive liquid-liquid microextraction coupled with spectrophotometer: Optimization using factorial design**
ALTUNAY N., ELİK A., Tuzen M., Lanjwani M. F., Mogaddam M. R. A.
Journal of Food Composition and Analysis, vol.115, 2023 (SCI-Expanded)
- XXVIII. **Optimization of a rapid and sensitive ultrasound-assisted liquid-liquid microextraction using switchable hydrophilicity solvent for extraction of β -carotene in fruit juices and vegetables**
ALTUNAY N., Tuzen M., Lanjwani M. F., Mogaddam M. R. A.
Journal of Food Composition and Analysis, vol.114, 2022 (SCI-Expanded)
- XXIX. **Application of levulinic acid-based natural deep eutectic solvents for extraction and determination of deltamethrin in food samples**
ELİK A., DURUKAN H., SARAÇ H., DEMİRBAŞ A., ALTUNAY N.
SUSTAINABLE CHEMISTRY AND PHARMACY, vol.30, 2022 (SCI-Expanded)
- XXX. **Experimental design of magnetic ionic liquid ultrasound-assisted dispersive liquid-liquid microextraction for the determination of 5-HMF in honey samples**
ALTUNAY N.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.114, 2022 (SCI-Expanded)
- XXXI. **Chemometric design-based optimization of a green, selective and inexpensive switchable hydrophilicity solvent-based liquid phase microextraction procedure for pre-concentration and extraction of sulfadiazine in milk, honey and water samples**
Altunay N.
FOOD CHEMISTRY, vol.394, no.394, pp.133540, 2022 (SCI-Expanded)
- XXXII. **Synthesized of poly(vinyl benzyl dithiocarbonate-dimethyl amino ethyl methacrylate) block copolymer as adsorbent for the vortex-assisted dispersive solid phase microextraction of patulin from apple products and dried fruits**
TÜZEN M., Hazer B., ELİK A., ALTUNAY N.
FOOD CHEMISTRY, vol.395, 2022 (SCI-Expanded)
- XXXIII. **Synthesized of a novel xanthate functionalized polypropylene as adsorbent for dispersive solid**

phase microextraction of caffeine using orbital shaker in mixed beverage matrices

Altunay N., Tuzen M., Hazer B., Elik A.

Food Chemistry, vol.393, 2022 (SCI-Expanded)

- XXXIV. **Vortex assisted magnetic ionic liquid based dispersive liquid-liquid microextraction approach for determination of metribuzin in some plant samples with UV-Vis spectrophotometer**
ELİK A., SARAÇ H., DURUKAN H., DEMİRBAŞ A., ALTUNAY N.
MICROCHEMICAL JOURNAL, vol.181, 2022 (SCI-Expanded)
- XXXV. **Application of a new dithizone grafted polymeric adsorbent for solid phase microextraction of manganese and copper prior to FAAS in fortified vegetables and barbecue samples**
Ulusoy S., Demirbaş A., Elik A., Altunay N., Sarp G., Yilmaz E., Ulusoy H. İ.
CHEMICAL PAPERS, vol.76, no.10, pp.6153-6165, 2022 (SCI-Expanded)
- XXXVI. **Chemometric approach for the spectrophotometric determination of chloramphenicol in various food matrices: Using natural deep eutectic solvents**
Elik A., Altunay N.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.276, 2022 (SCI-Expanded)
- XXXVII. **Experimental and density functional theoretical modeling of triazole pesticides extraction by Ti2C nanosheets as a sorbent in dispersive solid phase extraction method before HPLC-MS/MS analysis**
Marzi Khosrowshahi E., Afshar Mogaddam M. R., Javadzadeh Y., ALTUNAY N., Tuzen M., KAYA S., Ghalkhani M., Farajzadeh M. A., Nemati M.
Microchemical Journal, vol.178, 2022 (SCI-Expanded)
- XXXVIII. **Optimization of magnetic ionic based dispersive liquid-liquid microextraction of cadmium in water and food samples using experimental design prior to flame atomic absorption spectrophotometry**
Elik A., Altunay N.
Sustainable Chemistry and Pharmacy, vol.27, 2022 (SCI-Expanded)
- XXXIX. **Experimental and density functional theory studies during a new solid phase extraction of phenolic compounds from wastewater samples prior to GC-MS determination**
Farajzadeh M. A., Nemati M., ALTUNAY N., Tuzen M., KAYA S., Kheradmand F., Afshar Mogaddam M. R.
Microchemical Journal, vol.177, 2022 (SCI-Expanded)
- XL. **In-situ sorbent formation for the extraction of pesticides from honey**
Nemati M., Altunay N., Tüzen M., Farajzadeh M. A., Afshar Mogaddam M. R.
JOURNAL OF SEPARATION SCIENCE, vol.1, no.1, pp.1, 2022 (SCI-Expanded)
- XLI. **Assessment of arsenic in water, rice and honey samples using new and green vortex-assisted liquid phase microextraction procedure based on deep eutectic solvent: Multivariate study**
Altunay N., Elik A., Farooque Lanjwani M., Tüzen M.
MICROCHEMICAL JOURNAL, vol.179, pp.107541, 2022 (SCI-Expanded)
- XLII. **Theoretical and experimental insights about the adsorption of uranyl ion on a new designed Vermiculite-Polymer composite**
Şimşek S., Kaya S., Mine Şenol Z. M., Ulusoy H. İ., Katin K., Özer A., Altunay N., Brahmia A.
Journal of Molecular Liquids, vol.352, 2022 (SCI-Expanded)
- XLIII. **Factorial design, physical studies and rapid arsenic adsorption using newly prepared polymer modified perlite adsorbent**
A.Saleh T., Tüzen M., Sarı A., Altunay N.
CHEMICAL ENGINEERING RESEARCH AND DESIGN, vol.1, no.1, pp.1, 2022 (SCI-Expanded)
- XLIV. **Synthesis, characterization, and application of polyacrylamide/carmine polymer nanomaterial as an effective solid-phase material for ultrasonic-assisted solid-phase microextraction of aluminum and chromium in vegetable samples**
Ulusoy S., Elik A., Ulusoy H. İ., Şimşek S., Altunay N.
CHEMICAL PAPERS, vol.76, no.3, pp.1553-1565, 2022 (SCI-Expanded)
- XLV. **Development of sodium hydroxide-induced homogenous liquid-liquid extraction-effervescent assisted dispersive liquid-liquid microextraction based on deep eutectic solvents; Application in the extraction of phytosterols from cow cream samples**

Nemati M., Tüzen M., Altunay N., Farajzadeh M. A., Abdi F., Afshar Mogaddam M. R.

JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.1, no.106, pp.104291, 2022 (SCI-Expanded)

- XLVI. **Experimental design of ligandless sonication-assisted liquid- phases microextraction based on hydrophobic deep eutectic solvents for accurate determination of Pb(II) and Cd(II) from waters and food samples at trace levels**
ELİK A., DEMİRBAŞ A., ALTUNAY N.
FOOD CHEMISTRY, vol.371, 2022 (SCI-Expanded)
- XLVII. **Synthesis of carbon modified with polymer of diethylenetriamine and trimesoyl chloride for the dual removal of Hg (II) and methyl mercury ([CH₃Hg]⁺) from wastewater: Theoretical and experimental analyses**
Tüzen M., Sarı A., Afshar Mogaddam M. R., Kaya S., P.Katin K., Altunay N.
Materials Chemistry And Physics, vol.277, no.277, pp.125501, 2022 (SCI-Expanded)
- XLVIII. **Air-Assisted Alkanol-Based Nanostructured Supramolecular Liquid-Liquid Microextraction for Extraction and Spectrophotometric Determination of Morin in Fruit and Beverage Samples**
Demir Ö., Tüzen M., Altunay N., Afshar Mogaddam M. R.
FOOD ANALYTICAL METHODS, vol.166, pp.1, 2022 (SCI-Expanded)
- XLIX. **Optimization and application of ultrasound-assisted sugar based deep eutectic solvent dispersive liquid-liquid microextraction for the determination and extraction of aflatoxin M1 in milk samples**
GÜRSOY N., Sırtbaşı B., ŞİMŞEK S., ELİK A., ALTUNAY N.
Microchemical Journal, vol.172, 2022 (SCI-Expanded)
- L. **Ultrasonic-assisted dispersive liquid-liquid microextraction based on hydrophilic deep eutectic solvents: Application to lead and cadmium monitoring in water and food samples**
ALTUNAY N., TÜZEN M., Mogaddam M. R. A.
FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & RISK ASSESSMENT, vol.39, no.12, pp.1963-1973, 2022 (SCI-Expanded)
- LI. **Headspace μ -solid phase extraction of 1,4-dioxane and 2-methyl-1,3-dioxolane from shampoo samples in a home-mode device and large volume injection of deep eutectic solvent: theoretical and experimental studies**
Afshar Mogaddam M. R., Altunay N., Tüzen M., P.Katin K., Nemati M., Lotfipour F.
MICROCHEMICAL JOURNAL, vol.173, no.1, pp.107040, 2021 (SCI-Expanded)
- LII. **Tergitol@SiO₂@Fe₃O₄ magnetic nano-material and experimental design methodology: An effective and selective adsorbent for solid phase microextraction and flame atomic absorption spectrometric analysis of lead in different matrixes**
ALTUNAY N., ELİK A., SARP G., YILMAZ E., ULUSOY H. İ.
MICROCHEMICAL JOURNAL, vol.170, 2021 (SCI-Expanded)
- LIII. **Optimization of ultrasound-assisted dispersive liquid-liquid microextraction of niacinamide in pharmaceutical and cosmetic samples using experimental design**
ALTUNAY N.
MICROCHEMICAL JOURNAL, vol.170, 2021 (SCI-Expanded)
- LIV. **Synthesis of polystyrene-polyricinoleic acid copolymer containing silver nano particles for dispersive solid phase microextraction of molybdenum in water and food samples**
Tüzen M., Altunay N., Hazer B., Afsharmogaddam M. R.
FOOD CHEMISTRY, vol.369, no.130973, pp.130973, 2021 (SCI-Expanded)
- LV. **Air-assisted liquid-liquid microextraction of total 3-monochloropropane-1,2-diol from refined edible oils based on a natural deep eutectic solvent and its determination by gas chromatography-mass spectrometry**
Nemati M., Altunay N., Tüzen M., Farajzadeh M. A., Alizadeh A. A., Lotfipour F., Afshar Mogaddam M. R.
Journal Of Chromatography A, vol.1, pp.462559, 2021 (SCI-Expanded)
- LVI. **An optimization approach for fast, simple and accurate determination of indigo-carmin in food samples**
ALTUNAY N.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.257, 2021 (SCI-Expanded)

- LVII. Ionic hydrophobic deep eutectic solvents in developing air-assisted liquid-phase microextraction based on experimental design: Application to flame atomic absorption spectrometry determination of cobalt in liquid and solid samples**
ELİK A., BİNGÖL D., ALTUNAY N.
FOOD CHEMISTRY, vol.350, 2021 (SCI-Expanded)
- LVIII. Investigations of Hg(II) analysis in real samples via computational chemistry, experimental design, and green microextraction approach**
Altunay N., Elik A., Demirbaş A., Kaya S., Maslov M.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.102, no.102, pp.104042, 2021 (SCI-Expanded)
- LIX. A simple and green ultrasound liquid-liquid microextraction method based on low viscous hydrophobic deep eutectic solvent for the preconcentration and separation of selenium in water and food samples prior to HG-AAS detection**
Altunay N., Tüzen M.
FOOD CHEMISTRY, vol.1, pp.1, 2021 (SCI-Expanded)
- LX. Experimental and theoretical investigation for the spectrophotometric determination of thiabendazole in fruit samples**
Tüzen M., Altunay N., Elik A., Afshar Mogaddam M. R., Katin K.
MICROCHEMICAL JOURNAL, vol.168, no.168, pp.106488, 2021 (SCI-Expanded)
- LXI. Ultrasound-assisted alkanol-based nanostructured supramolecular solvent for extraction and determination of cadmium in food and environmental samples: Experimental design methodology**
ALTUNAY N., ELİK A.
MICROCHEMICAL JOURNAL, vol.164, 2021 (SCI-Expanded)
- LXII. Ultrasound-assisted supramolecular solvent dispersive liquid-liquid microextraction for preconcentration and determination of Cr(VI) in waters and total chromium in beverages and vegetables**
Tuzen M., ELİK A., ALTUNAY N.
JOURNAL OF MOLECULAR LIQUIDS, vol.329, 2021 (SCI-Expanded)
- LXIII. Optimization of an ultrasound-assisted alcohol-based deep eutectic solvent dispersive liquid-phase microextraction for separation and preconcentration of quercetin in wine and food samples with response surface methodology**
ALTUNAY N., ELİK A., ÜNAL Y., KAYA S.
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ANALYTICAL METHODS, Journal Indexed in SCI-E, April 2018
CLEAN-SOIL AIR WATER, SCI Journal, March 2018
FOOD CHEMISTRY, SCI Journal, February 2018
MICROCHEMICAL JOURNAL, SCI Journal, December 2017
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, SCI Journal, November 2017
FOOD CHEMISTRY, SCI Journal, October 2017
ULTRASONICS, SCI Journal, June 2017
TALANTA, SCI Journal, June 2017
JOURNAL OF HAZARDOUS MATERIALS, SCI Journal, June 2017
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, Journal Indexed in SCI-E, May 2017

Tasks In Event Organizations

Ulusoy H. İ., Bağda E., Oymak T., Altunay N., Ulusoy S., Şimşek S., Yılmaz E., V. Interantional Trace Analysis Congress, Scientific Congress, Sivas, Turkey, Haziran 2018

Metrics

Publication: 231

Citation (WoS): 947

Citation (Scopus): 1740

H-Index (WoS): 18

H-Index (Scopus): 24

Congress and Symposium Activities

2nd International Environmental Chemistry Congress (EnviroChem), Working Group, Antalya, Turkey, 2019

Eurasia 3rd international congress of applied sciences , Working Group, Sivas, Turkey, 2019

International Eurasian Congress on Natural Nutrition Healthy Life , Working Group, Ankara, Turkey, 2018

International Trace Analysis Congress , Working Group, Sivas, Turkey, 2018

International Conference on Technology, Engineering and Science , Working Group, Antalya, Turkey, 2017

2nd International Gazi Pharma Symposium Series , Working Group, Ankara, Turkey, 2017

29. Ulusal Kimya Kongresi, Working Group, Ankara, Turkey, 2017

Ancon-International Congress on Chemistry and Materials Science , Working Group, Ankara, Turkey, 2017

2.International Turkish Congress on Molecular Spectroscopy , Working Group, Muğla, Turkey, 2017

15. Ulusal Spektroskopi Kongresi, Working Group, Yalova, Turkey, 2017

10th Aegean Analytical Chemistry Days , Working Group, Çanakkale, Turkey, 2016

1st International Black Sea Congress on Environmental Sciences Kongresi, Working Group, Giresun, Turkey, 2016

28. Ulusal Kimya Kongresi, Working Group, Mersin, Turkey, 2016

8. Ulusal Analitik Kimya Kongresi, Working Group, Isparta, Turkey, 2016

IV. Eser Analiz Kongresi, Working Group, Sakarya, Turkey, 2016

International Turkish Congress on Molecular Spectroscopy, Working Group, Antalya, Turkey, 2015

XIV. Ulusal Spektroskopi Kongresi, Working Group, Elazığ, Turkey, 2015

7. Ulusal Analitik Kimya Kongresi, Working Group, Kahramanmaraş, Turkey, 2014

III. Eser Analiz Çalıştayı, Working Group, Tokat, Turkey, 2014

6th Black Sea Basin Conference on Analytical Chemistry, Working Group, Trabzon, Turkey, 2013

XIII. Ulusal Spektroskop kongresi, Working Group, Burdur, Turkey, 2013