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Eğitim Bilgileri

Doktora, Erciyes Üniversitesi, Fen Bilimleri , Kimya, Türkiye 1990 - 1993

Yüksek Lisans, Erciyes Üniversitesi, Fen Bilimleri , Kimya, Türkiye 1988 - 1990

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Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, KAYSERİ VE CEVRESİNDEKİ ŞİFALI SULARIN KİMYASAL İNCELENMESİ VE TUNGSTEN TAYİNİ İÇİN YENİ BİR YAKLASIM, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1993

Yüksek Lisans, KAYSERİ CİVARINDAKİ AKARSULARIN ANORGANİK KİRLİLİK AÇISINDAN İNCELENMESİ, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1990

Araştırma Alanları

Teknik Bilimler, Çevre Mühendisliği, Çevre Bilimleri, Çevre Kimyası, Temel Bilimler, Kimya, Analitik Kimya, Ayırma Teknikleri, Kromatografi, Spektroskopik Yöntemler

Akademik Unvanlar / Görevler

Prof.Dr., Erciyes Üniversitesi, Fen Fakültesi, Kimya, 2003 - Devam Ediyor

Doç.Dr., Erciyes Üniversitesi, Fen Fakültesi, Kimya, 1997 - 2003

Yrd.Doç.Dr., Erciyes Üniversitesi, Fen Fakültesi, Kimya, 1995 - 1997

Akademik İdari Deneyim

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Micro solid phase extraction of lead and cadmium using functionalized nanodiamonds@CuAl2O4@HKUST-1 nanocomposite for FAAS analysis in food and water samples**
SOYLUK M., Çoban A. N., Ahmed H. E. H.
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- II. **Green sorbents for the solid phase extraction of trace species**
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- III. **Micro-solid phase extraction of lead (II) on ionic liquid impregnated Sepabeads SP70 resin (IL-SP70) in water and food samples**
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- IV. **A MWCNTs@CuAl2O4@SiO2 Nanocomposite for the Speciation of Cr(III), Cr(VI), and Total Chromium Prior to High-Resolution Continuum Source Flame Atomic Absorption Spectrometric Determination**
Ahmed H. E. H., SOYLUK M.
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- V. **Solid phase microextraction of rhodamine B in cosmetic samples using ZnS@GO@WMCNTs Nanocomposite with Spectrophotometric Detection**
Duman S., YILMAZ E., SOYLUK M.
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- VI. **Novel magnetic deep eutectic solvent/Zn-MOF composite for extraction of Carmoisine from water and food samples**
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- VII. **Functionalized nanodiamonds with NiCoFe layered double hydroxides used as a novel adsorbent in dispersive solid phase microextraction for Pb(II) determination in juice samples**
Balal Arain M., Elzain Hassan Ahmed H., SOYLUK M.
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- VIII. **Construction and mechanism insights of a novel all-solid-state Z-scheme Mo2C/C/BiOI heterojunction for boosted photocatalytic degradation and reduction efficiency**
Güy N., Göktas O., SOYLUK M.
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- IX. **Assessment of metal contents from halal-certified cosmetics by using inductively coupled plasma-mass spectrometry (ICP-MS)**
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- X. **Inductively coupled plasma-mass spectrometry (ICP-MS) detection of trace metal contents of children cosmetics**
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- XI. **An environmentally friendly hydrophobic deep eutectic solvent dispersive liquid liquid microextraction for spectrophotometric analysis of indigo carmine (E132)**
Kizil N., Erkmen Erbilgin D., Yola M. L., SOYLUK M.
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- XII. **Novel reusable and switchable deep eutectic solvent for extraction and determination of curcumin in**

- water and food samples**
SALAMAT Q., SOYLAK M.
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- XIII. **Magnetic covalent organic frameworks-based adsorbents in solid phase extraction of trace analytes in environmental samples**
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- XIV. **MnCoFe-LDH/Ni-MOF nanocomposite-coated hollow fiber membrane for solid phase extraction of amaranth dye from water and food samples followed by spectrophotometric analysis**
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- XV. **Determination of Atrazine in Food, Water, and Synthetic Urine by Activated Carbon Cloth (ACC) Micro-Solid-Phase Extraction (μ SPE) with High-Performance Liquid Chromatography-Diode Array Detection (HPLC-DAD)**
Ahmed H. E. H., GÜMÜŞ Z. P., SOYLAK M.
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- XVI. **Magnetic Adsorbent Decorated with Poly(N-Isopropylacrylamide) (PNIPAM) Brushes for the Vortex-Assisted Solid Phase Extraction (VASPE) of Lead in Water, Cigarettes and Soil with High-Resolution Continuum Source Flame Atomic Absorption Spectrometry (HR-CS FAAS) Detection**
KHAN M., Alosmanov R., Wolski K., Zapotoczny S., SOYLAK M.
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- XVII. **Activated nanodiamonds (AND)-MIL-125 (Ti) (AND@MIL-125) nanocomposite for the micro-solid phase extraction of cadmium and lead from water and food samples**
Kori A. H., Ahmed H. E. H., SOYLAK M.
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- XVIII. **Speciation of Chromium by Magnetic Solid Phase Microextraction Using an Activated Charcoal-Molybdenum (IV) Selenide-Magnetite Composite with Flame Atomic Absorption Spectrometric (FAAS) Detection**
Erbas Z., ÖZALP Ö., Matin A. A., SOYLAK M.
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- XIX. **Using Fe₃O₄-graphene oxide-modified chitosan with melamine magnetic nanocomposite in the removal and magnetic dispersive solid-phase microextraction of Cr (VI) ion in aquatic samples**
Bagheri V., Naseri A., Sajedi-Amin S., SOYLAK M., Zhang Z.
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- XX. **Novel extracellular synthesized silver nanoparticles using thermophilic *Anoxybacillus flavithermus* and *Geobacillus stearothermophilus* and their evaluation as nanodrugs**
Giray G., Gonca S., Özdemir S., Isik Z., YILMAZ E., SOYLAK M., Dizge N.
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- XXI. **Cloud Point Microextraction Prior to Flame-Atomic Absorption Spectrometry for the Determination of Zinc Ethylene-1,2-Bisdithiocarbamate (Zineb) in Food and Environmental Samples**
Al-Nidawi M., ÖZALP Ö., Alshana U., SOYLAK M.
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- XXII. **Switchable-Hydrophilicity Solvent Liquid-Liquid Microextraction Prior to Spectrophotometric Determination of Sudan I Dye in Spices**
Al-Nidawi M., UZCAN F., Alshana U., SOYLAK M.
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- XXIII. **Determination of Rhodamine B in Cosmetics, Candy, Water, and Plastic by a Novel Multiwalled Carbon Nanotube (MWCNT)@Zinc Oxide@Magnetite Nanocomposite for Magnetic Solid-Phase Extraction (MSPE) with Spectrophotometric Detection**
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- XXIV. **Fe3O4-SiO2-MIL-53 (Fe) nanocomposite for magnetic dispersive micro-solid phase extraction of cadmium (II) at trace levels prior to HR-CS-FAAS detection**
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- XXV. **A magnetic solid phase extraction procedure for Pb(II) at trace levels on magnetic Luffa@TiO2 in food and water samples**
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- XXVI. **A new and powerful electrochemical sensing platform based on MWCNTs@Fe3O4@CuAl2O4 for the determination of the anticancer agent Alpelisib in bulk and biological fluids**
Bouali W., ERK N., Genc A. A., AHMED H. E. H., SOYLUK M.
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- XXVII. **Nanodiamond (ND)-Based ND@CuAl2O4@Fe3O4 electrochemical sensor for Tofacitinib detection: A unified approach to integrate experimental data with DFT and molecular docking**
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- XXVIII. **Dispersive solid phase microextraction (DSP- μ E) by using nanodiamond@Bi2MoO6 composite for the separation-preconcentration of Pb(II) in food and water samples**
Balal Arain M., Elzain Hassan Ahmed H., SOYLUK M.
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- XXIX. **Application of lysine imprinted polymer as carbon dioxide colorimetric indicators for food packaging**
Tabar P., Hashemi-Moghaddam H., Baghaie H., SOYLUK M.
Journal of Food Measurement and Characterization, cilt.17, sa.6, ss.6405-6412, 2023 (SCI-Expanded)
- XXX. **Effects of soil texture on trace metal concentrations and geochemical fractions in the soil of apple orchards (Çanakkale, NW Turkey)**
SUNGUR A., Temel E., EVEREST T., SOYLUK M., ÖZCAN H.
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- XXXI. **Multi-response optimization of a deep eutectic solvent-based microextraction method for the simultaneous extraction of twenty organochlorine pesticides for monitoring in various water samples**
Hoseinzadeh A., Heidari H., Abbas Matin A., SOYLUK M.
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- XXXII. **TiO2@ZnO nanocomposite: bifunctional material for solid phase extraction of U(VI) and Th(IV) and photocatalytic degradation of organic contaminant**
Aydin F., YILMAZ E., Demirkiran G., Erbaş Z., Vurucuel M., SOYLUK M.
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- XXXIII. **Supramolecular solvent based liquid-liquid microextraction and preconcentration of aluminum in water and biological samples**
Kori A. H., KHAN M., SOYLUK M.
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- XXXIV. **Metal-organic framework functionalized with deep eutectic solvent for solid-phase extraction of Rhodamine 6G in water and cosmetic products**
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- XXXV. **BaTiO3 is a novel adsorbent for solid-phase extraction of copper at trace levels in food and water samples before HR-CS-FAAS detection**
Kori A. H., UZCAN F., SOYLUK M.
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- XXXVI. **Covalent Organic Frameworks, a Renewable and Emergent Source for the Separation and Pre-concentration of the Traces of Targeted Species**

- JAGIRANI M. S., GÜMÜŞ Z. P., SOYLAK M.
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- XXXVII. **Construction of a novel sensor based on activated nanodiamonds, zinc oxide, and silver nanoparticles for the determination of a selective inhibitor of cyclic guanosine monophosphate in real biological and food samples**
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- XXXVIII. **Magnetic Luffa@metal-organic frameworks (MOF-199) nanocomposite for the solid phase microextraction of some metal ions at trace levels from food and water samples**
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- XXXIX. **A novel biosensor based on molecularly imprinted polymer coated nanofiber composite for uric acid analysis in body fluids**
Hashemi-Moghaddam H., ÖZALP Ö., SOYLAK M.
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- XL. **A fungal functionalized magnetized solid phase extractor for preconcentrations of Pb(II), Mn(II), and Co(II) from real samples**
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- XLI. **Ultrasound-assisted quasi-hydrophobic deep eutectic solvent-based determination of trace Rhodamine B in water and food samples: A simple and green approach**
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- XLII. **Vortex-assisted solid phase extraction on MIL-101(Cr) of parabens in waters and cosmetics by HPLC-DAD**
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- XLV. **Switchable hydrophilicity solvent based microextraction of mercury from water, fish and hair samples before its spectrophotometric detection**
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- XLVI. **Application of magnetic solid-phase extraction for sensitive determination of anticancer drugs in urine by means of diamino benzidine tetrachlorohydrate modified magnetic nanoparticles**
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- XLVII. **Metal-Organic Framework Based Electrochemical Immunosensor for Label-Free Detection of Glial Fibrillary Acidic Protein as a Biomarker**
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- XLVIII. **An electrochemical sensing platform with a molecularly imprinted polymer based on chitosan-stabilized metal@metal-organic frameworks for topotecan detection**
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- XLIX. Molecularly imprinted polymer film loaded on the metal-organic framework with improved performance using stabilized gold-doped graphite carbon nitride nanosheets for the single-step detection of Fenamiphos**
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- LI. Ti₃AlC₂ max phase- graphene oxide (GO) nanocomposite for selective solid phase microextraction of palladium in environmental samples and medical appliances prior to its detection with high-resolution continuum source flame atomic absorption spectrometry (HR-CS-FAAS)**
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- LII. Innovative molecularly imprinted electrochemical sensor for the nanomolar detection of Tenovovir as an anti-HIV drug**
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- LIV. Determination of Trace Sudan I in Spices by Novel, Green Ionic Liquid Based Microextraction with Spectrophotometry**
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- LV. Determination of Sudan III in Food by Supramolecular Microextraction and Spectrophotometry**
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- LVII. Preconcentration of Nickel by Magnetic Solid-Phase Extraction (MSPE) as the 2-(5-Bromo-2-Pyridylazo)-5-Diethylamino-Phenol (PADAP) Chelate upon Multiwalled Carbon Nanotubes (MWCNTs) with Determination by Flame Atomic Absorption Spectrometry (FAAS)**
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- LVIII. Deep Eutectic Solvent Based Liquid-Liquid Microextraction of Mercury in Water, Hair and Fish with Spectrophotometric Determination: A Green Protocol**
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- LIX. Coprecipitation of Trace Propineb in Water and Food with Separation-Preconcentration Using Cu(II)-8-Hydroxyquinoline (8HQ) Precipitate**
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- LX. Separation and Preconcentration of Atrazine on Magnetic Multiwalled Carbon Nanotubes before Determination in Food and Water Samples by High-Performance LIQUID CHROMATOGRAPHY with Diode Array Detection (HPLC-DAD)**
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- LXI. **Graphene-Based Nanomaterials: A Sustainable Material for Solid-Phase Microextraction (SPME) for Environmental Applications**
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- LXII. **Amine-based vortex-assisted liquid-phase microextraction procedure for traces of tartrazine (E102) in food and water samples**
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- LXIII. **Cloud Point Microextraction of Sudan IV from Food and Cosmetics with Determination by Spectrophotometry**
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- LXIV. **Maximizing detection sensitivity of levofloxacin and tryptophan in dairy products: a carbon-based electrochemical sensor incorporating Ti₃AlC₂ MAX phase and activated nanodiamonds**
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- LXV. **Fe-Ni@ACC Nanocomposite for Magnetic Dispersive Micro Solid-phase Extraction of Cu (II) From Food and Hair Samples**
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- LXVI. **Determination of Curcumin in Food with Homogenous Liquid-Phase Microextraction Preconcentration and Spectrophotometric Determination**
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- LXVII. **Microextraction Methods for the Separation-Preconcentration and Determination of Food Dyes: A Minireview**
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- LXVIII. **Introductory Note to the Special Issue of Analytical Letters for the Third International Environmental Chemistry Congress (EnviroChem 2021)**
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- LXIX. **Layered Double Hydroxides (LDHs) for the Treatment and Determination of Pollutants in Water and Wastewater**
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- LXX. **Determination of Trace Ziram in Food by Magnesium Hydroxide Coprecipitation with Indirect Detection by Flame Atomic Absorption Spectrometry (FAAS)**
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- LXXI. **Determination of rhodamine B in water and cosmetics by switchable solvent-based liquid phase microextraction with spectrophotometric determination**
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- LXXII. **Magnetic solid-phase extraction of nickel(II) as the 2-(5-bromo-2-pyridilazo)-5-(diethylamino)phenol chelate on magnetite@methacrylic ester copolymer prior to high-resolution-continuum source flame atomic absorption spectrometric detection**
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- LXXIII. **Magnetic solid-phase extraction of atrazine with ACC@NiCo₂O₄@Fe₃O₄ nanocomposite in spice and**

water samples

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- LXXIV. **Synergistic Cloud Point Microextraction Prior to Spectrophotometric Determination of Curcumin in Food Samples**

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- LXXV. **Fe₃O₄-Ti₃AlC₂ max phase impregnated with 2-(5-Bromo-2-pyridylazo-5-(diethylamino) phenol for magnetic solid phase extraction of Cadmium, lead and cobalt from water and food samples**

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- LXXVI. **Deep eutectic solvents-based adsorbents in environmental analysis**

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- LXXVII. **Investigation of Trace Elements in Vegan Foods by ICP-MS After Microwave Digestion**

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- LXXVIII. **An Electrochemical Sensor for Molnupiravir Based on a Metal-Organic Framework Composited with Poly(3,4-ethylene dioxythiophene): Poly(styrene sulfonate)**

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- LXXIX. **Design, Structural Characteristic and Antibacterial Performance of Silver-Containing Cotton Fiber Nanocomposite**

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- LXXX. **Deep eutectic solvent (DES) based dispersive Liquid-Phase microextraction of Sunset yellow FCF in food and pharmaceutical products**

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- LXXXI. **Vortex-assisted restricted access-based supramolecular solvent microextraction of trace Pb(II) ions with 4-(benzimidazolisonitrosoacetyl) biphenyl as a complexing agent before microsampling flame AAS analysis**

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- LXXXII. **Electrochemical Sensing of Favipiravir with an Innovative Water-Dispersible Molecularly Imprinted Polymer Based on the Bimetallic Metal-Organic Framework: Comparison of Morphological Effects**

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- LXXXIII. **< p >Determination of propineb in vegetable samples after a coprecipitation strategy for its separation-preconcentration prior to its indirect determination FAAS</p>**

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- LXXXIV. **Determination of Rhodamine B by UV-Vis spectrophotometry in cosmetics after microextraction by using heat-induced homogeneous liquid-liquid extraction method**

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- LXXXV. **New Trend in the Extraction of Pesticides from the Environmental and Food Samples Applying Microextraction Based Green Chemistry Scenario: A Review**

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- LXXXVI. **Estimating remobilization of potentially toxic elements in soil and road dust of an industrialized**

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- LXXXVII. **Supramolecular solvent-based liquid phase extraction of antimony prior to spectrophotometric quantification**
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- LXXXVIII. <p>Fabrication and characterization of MgCo₂O₄ for solid phase extraction of Pb(II) from environmental samples and its detection with high-resolution continuum source flame atomic absorption spectrometry (HR-CS-FAAS)</p>
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- LXXXIX. **Review: Microextraction Technique Based New Trends in Food Analysis**
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- XC. **Sample Preparation Methods for Metal Containing Pesticides in Food and Environmental Samples**
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- XCI. **Preconcentrations of Cu (II) and Mn (II) by magnetic solid-phase extraction on Bacillus cereus loaded gamma-Fe₂O₃ nanomaterials**
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- XCII. **Metal-doped Magnetic Graphene Oxide Nanohybrid for Solid-phase Microextraction of Copper from Environmental Samples**
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- XCIII. **Deep eutectic solvent-based ultrasound-assisted liquid-liquid microextraction of ibuprofen prior to HPLC-UV determination**
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- XCIV. **Thiomalic acid/ferric chloride-based deep eutectic solvent for microextraction of chromium in natural water samples prior to FAAS analysis**
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- XCVI. **Development of combined-supramolecular microextraction with ultra-performance liquid chromatography-tandem mass spectrometry procedures for ultra-trace analysis of carbaryl in water, fruits and vegetables**
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- C. **Dual-response electrochemical electrode for sensitive monitoring of topotecan and mitomycin as anticancer drugs in real samples**
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- CI. **Metal Organic Framework-Based Dispersive Solid-Phase Microextraction of Carbaryl from Food and Water Prior to Detection by Ultra-Performance Liquid Chromatography-Tandem Mass Spectrometry**
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- CII. **Metal decorated silica-based core-shell magnetic nanocomposite for the solid-phase microextraction of cadmium(II) with determination by high-resolution continuum source flame atomic absorption spectrometry**
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- CIII. **Cadmium selenide and carbon nanodots modified magnetite nanospheres for the magnetic solid-phase extraction (MSPE) of malachite green prior to spectrophotometric determination**
SOYLAK M., Kestane F., YILMAZ E.
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- CIV. **Ultrasound-assisted deep eutectic solvent microextraction procedure for traces Ponceau 4R in water and cosmetic samples**
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- CVI. **Ultrasound assisted deep eutectic solvent based liquid phase microextraction for the preconcentration and spectrophotometric determination of amaranth (E123) in water and food samples**
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- CVII. **Advanced Methodologies for Trace Elements in Edible Oil Samples: A Review**
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- CVIII. **A novel-easy deep eutectic solvent-based microextraction procedure for the separation, preconcentration and spectrophotometric determination of chromotrope 2R in water, detergent and food samples**
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- CIX. **Assessment of environmental pollutants at trace levels using ionic liquids-based liquid-phase**

microextraction

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- CX. An efficient green microextraction method of Co and Cu in environmental samples prior to their flame atomic absorption spectrometric detection

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- CXI. Magnetic Dispersive Solid Phase Extraction of Cu (II) as 1-(2-pyridylazo)-2-naphthol Chelates on Fe₃O₄@XAD-16

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- CXII. CuCo₂O₄ as affective adsorbent for dispersive solid-phase extraction of lead from food, cigarette and water samples before FAAS detection

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- CXIII. Simultaneous preconcentrations of Cu(II), Ni(II), and Pb(II) by SPE using E. profundum loaded onto Amberlite XAD-4

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MICROCHEMICAL JOURNAL, cilt.171, 2021 (SCI-Expanded)

- CXIV. An easy and green amine-based microextraction strategy combined UV-Vis spectrophotometric detection for mercury in natural water samples

Dogru S., YILMAZ E., Gunduz S., SOYLUK M.

Journal of the Iranian Chemical Society, cilt.18, sa.11, ss.3069-3075, 2021 (SCI-Expanded)

- CXV. Metal organic frameworks as nanomaterials for analysis of toxic metals in food and environmental applications

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- CXVI. Switchable-hydrophilicity solvent liquid-liquid microextraction for sample cleanup prior to dispersive magnetic solid-phase microextraction for spectrophotometric determination of quercetin in food samples

Hassan M., UZCAN F., Shah S. N., Alshana U., SOYLUK M.

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- CXVII. Determination of chloramphenicol and tetracycline residues in milk samples by means of nanofiber coated magnetic particles prior to high-performance liquid chromatography-diode array detection

Vuran B., ULUSOY H. İ., SARP G., YILMAZ E., MORGÜL Ü., Kabir A., Tartaglia A., Locatelli M., SOYLUK M.

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Kilic S., KILIÇ M., SOYLUK M.

BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.199, sa.6, ss.2272-2277, 2021 (SCI-Expanded)

- CXIX. A selective and sensitive procedure for magnetic solid-phase microextraction of lead(II) on magnetic cellulose nanoparticles from environmental samples prior to its flame atomic absorption spectrometric detection

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- CXX. Highly selective simultaneous electrochemical detection of trace level of heavy metals in water samples based on the single-crystalline Co₃O₄ nanocubes modified electrode

Yamuna A., Hong C., Chen S., Chen T., Alabdullkarem E. A., SOYLUK M., Mana AL-Anazy M., Ajmal Ali M., Liu X.

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- CXXI. **Development of Armillae mellea immobilized nanodiamond for the preconcentrations of Cr(III), Hg(II) and Zn(II)**
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- CXXII. **Electrocatalytic evaluation of graphene oxide warped tetragonal t-lanthanum vanadate (GO@LaVO₄) nanocomposites for the voltammetric detection of antifungal and antiprotozoal drug (clioquinol)**
Maheshwaran S., Akilarasan M., Chen T., Chen S., Tamilalagan E., Jiang T., Alabdullkarem E. A., SOYLUK M.
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- CXXIII. **Magnetic nanomaterials for the removal, separation and preconcentration of organic and inorganic pollutants at trace levels and their practical applications: A review**
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- CXXIV. **A new strategy for the combination of supramolecular liquid phase microextraction and UV–Vis spectrophotometric determination for traces of maneb in food and water samples**
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- CXXV. **A new method for the preconcentrations of U(VI) and Th(IV) by magnetized thermophilic bacteria as a novel biosorbent**
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- CXXVII. **Application of cherry laurel seeds activated carbon as a new adsorbent for Cr(VI) removal**
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- CXXVIII. **An environment-friendly and rapid liquid-liquid microextraction based on new synthesized hydrophobic deep eutectic solvent for separation and preconcentration of erythrosine (E127) in biological and pharmaceutical samples**
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- CXXIX. **Vortex-assisted magnetic solid phase extraction of Pb and Cu in some herb samples on magnetic multiwalled carbon nanotubes**
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- CXXX. **Ultrasound assisted supramolecular liquid phase microextraction procedure for Sudan I at trace level in environmental samples**
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- CXXXIII. **A review: Recent advances in solid phase microextraction of toxic pollutants using nanotechnology scenario**

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- CXXXIV. **Ultrasound-assisted magnetic solid phase microextraction of patent blue V on magnetic multiwalled carbon nanotubes prior to its spectrophotometric determination**
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- CXXXVI. **Nano-clay as a solid phase microextractor of copper, cadmium and lead for ultra-trace quantification by ICP-MS**
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- CXL. **Switchable-hydrophilicity solvent liquid-liquid microextraction**
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- CXLI. **Metal organic frameworks enhanced dispersive solid phase microextraction of malathion before detection by UHPLC-MS/MS**
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Ozkantar N., YILMAZ E., SOYLAK M., TÜZEN M.
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- CXLIII. **Fabrication and characterization of SiO₂@Fe₃O₄@nanodiamonds for vortex-assisted magnetic solid-phase extraction of lead in cigarette samples prior to FAAS detection**
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- CXLVI. **Ligandless reversed-phase switchable-hydrophilicity solvent liquid-liquid microextraction combined**

- with flame-atomic absorption spectrometry for the determination of copper in oil samples**
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- CXLVII. Solid-phase extraction of copper as 1-(2-pyridylazo)-2-naphthol (PAN) chelates on Coprinus atramentaria**
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- CL. Silica Gel-Immobilized 5-aminoisophthalohydrazide: A novel sorbent for solid phase extraction of Cu, Zn and Pb from natural water samples**
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- CLI. A novel deep eutectic solvent microextraction procedure for enrichment, separation and atomic absorption spectrometric determination of palladium at ultra-trace levels in environmental samples**
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- CLII. Determination of trace element contaminants in herbal teas using ICP-MS by different sample preparation method**
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- CLV. Ultrasonic-assisted Supramolecular Solvent Liquid-liquid Microextraction for Inorganic Chromium Speciation in Water Samples and Determination by UV-Vis Spectrophotometry**
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- CLVI. Cu2O-CuO ball like/multiwalled carbon nanotube hybrid for fast and effective ultrasound-assisted solid phase extraction of uranium at ultra-trace level prior to ICP-MS detection**
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- CLVII. Effect of antimonite mineralization area on heavy metal contents and geochemical fractions of agricultural soils in Gumushane Province, Turkey**
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- CXCVIII. **Vortex assisted deep eutectic solvent (DES)-emulsification liquid-liquid microextraction of trace curcumin in food and herbal tea samples**
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- CXCIX. **Magnetic Solid Phase Extraction of Lead, Cadmium, and Cobalt on Magnetic Carboxyl-Modified Nanodiamonds (MCNDs) from Natural Water Samples and Their Determination by Flame Atomic Absorption Spectrometry**
KHAN M., SOYLAK M.
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- CC. **Comparative solid phase extraction study on the U(VI) preconcentration by using immobilized thermotolerant *Bacillus vallismortis* and *Bacillus mojavensis***
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- CCVII. **Switchable solvent based liquid phase microextraction of palladium coupled with determination by flame atomic absorption spectrometry**
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- CCVIII. **Trace elements in blood samples of smoker and nonsmoker active pulmonary tuberculosis patients from Jamshoro, Pakistan**
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- CCX. **Facile and green solvothermal synthesis of palladium nanoparticle-nanodiamond-graphene oxide material with improved bifunctional catalytic properties**
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- CCXI. **One step step hydrothermal synthesis and characterization of moss like MWCNT-Bi₂S₃ nanomaterial for solid phase extraction of copper**
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- CCXII. **Innovative, simple and green ultrasound assisted-enzyme based hydrolytic microextraction method for manganese at trace levels in food samples**
YILMAZ E., SOYLUK M.
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- CCXIII. **Highly Simple Deep Eutectic Solvent Extraction of Manganese in Vegetable Samples Prior to Its ICP-OES Analysis**
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- CCXIV. **A magnetic MoS₂-Fe₃O₄ nanocomposite as an effective adsorbent for dispersive solid-phase microextraction of lead(II) and copper(II) prior to their determination by FAAS**
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- CCXV. **Magnetic Graphene Oxide as an Efficient Adsorbent for the Separation and Preconcentration of Cu(II), Pb(II), and Cd(II) from Environmental Samples**
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- CCXVI. **Heavy metal contents of play dough, face and finger paint samples sold in turkish markets**
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- CCXVII. **1-nitroso-2-naphthol impregnated multiwalled carbon nanotubes (NNMWCNTs) for the separation-enrichment and flame atomic absorption spectrometric detection of copper and lead in hair, water, and food samples**
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- CCXVIII. **Carbon-coated Fe₃O₄ nanoparticles with surface amido groups for magnetic solid phase extraction of Cr(III), Co(II), Cd(II), Zn(II) and Pb(II) prior to their quantitation by ICP-MS**
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- CCXIX. **A Novel Selective Deep Eutectic Solvent Extraction Method for Versatile Determination of Copper in Sediment Samples by ICP-OES**
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- CCXX. **Ligandless switchable solvent based liquid phase microextraction of nickel from food and cigarette samples prior to its micro-sampling flame atomic absorption spectrometric determination**
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- CCXXI. **Nanodiamond/MoS₂ nanorod composite as a novel sorbent for fast and effective vortex-assisted micro solid phase extraction of lead(II) and copper(II) for their flame atomic absorption spectrometric detection**
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- CCXXII. **A simple and novel deep eutectic solvent based ultrasound-assisted emulsification liquid phase microextraction method for malachite green in farmed and ornamental aquarium fish water samples**
Aydin F., YILMAZ E., SOYLAK M.
MICROCHEMICAL JOURNAL, cilt.132, ss.280-285, 2017 (SCI-Expanded)
- CCXXIII. **Magnetic Solid Phase Extraction of Trace Lead and Copper on Chromotrope FB Impregnated Magnetic Multiwalled Carbon Nanotubes From Cigarette and Hair Samples for Measurement by Flame AAS**
SOYLAK M., Erbas Z.
ATOMIC SPECTROSCOPY, cilt.38, sa.3, ss.57-61, 2017 (SCI-Expanded)
- CCXXIV. **Application of Supramolecular Microextraction and Flame Atomic Absorption Spectrometry for Ultra-trace Determination of Cadmium in Food and Water Samples**
ALOTHMAN Z. A., HABILA M. A., YILMAZ E., SOYLAK M., ALWARTHAN A. A.
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- CCXXV. **Resistance, bioaccumulation and solid phase extraction of uranium (VI) by *Bacillus vallismortis* and its UV-vis spectrophotometric determination**
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- CCXXXI. **Spectrophotometric determination of carmoisine after cloud point extraction using Triton X-114**
Karatepe A., Akalin C., SOYLUK M.
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- CCXXXII. **Supramolecular solvent microextraction of uranium at trace levels from water and soil samples**
KHAN M., YILMAZ E., SOYLUK M.
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- CCXXXIII. **Spectrophotometric detection of rhodamine B in tap water, lipstick, rouge, and nail polish samples after supramolecular solvent microextraction**
Ozkantar N., SOYLUK M., Tuzen M.
TURKISH JOURNAL OF CHEMISTRY, cilt.41, sa.6, ss.987-994, 2017 (SCI-Expanded)
- CCXXXIV. **Determination of Au(III) and Pd(II) ions by flame atomic absorption spectrometry in some environmental samples after solid phase extraction**
BAYRAK H. E., bulut V. N., Tufekci M., BAYRAK H., DURAN C., SOYLUK M.
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- CCXXXV. **A Simple Vortex-Assisted Dispersive Liquid-Liquid Microextraction System for Copper(II) to Preconcentration and Separation from Natural Water and Table Salt Samples**
SOYLUK M., Kiranartligiller E.
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- CCXXXVI. **Deep eutectic solvent based ultrasonic assisted liquid phase microextraction for the FAAS determination of cobalt**
ARAIN M. B., YILMAZ E., SOYLUK M.
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- CCXXXVII. **Vortex assisted magnetic solid phase extraction of lead(II) and cobalt(II) on silica coated magnetic multiwalled carbon nanotubes impregnated with 1-(2-pyridylazo)-2-naphthol**
KHAN M., YILMAZ E., SOYLUK M.
JOURNAL OF MOLECULAR LIQUIDS, cilt.224, ss.639-647, 2016 (SCI-Expanded)
- CCXXXVIII. **Ultrasound assisted-deep eutectic solvent based on emulsification liquid phase microextraction combined with microsample injection flame atomic absorption spectrometry for valence speciation of chromium(III/VI) in environmental samples**
YILMAZ E., SOYLUK M.
TALANTA, cilt.160, ss.680-685, 2016 (SCI-Expanded)
- CCXXXIX. **A Novel Carrier Element-free Co-precipitation Method for Separation/Preconcentration of Lead and Cadmium Ions from Environmental Matrices**
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- CCXL. **Central composite design and genetic algorithm applied for the optimization of ultrasonic-assisted removal of malachite green by ZnO Nanorod-loaded activated carbon**
Ghaedi M., Azad F. N., Dashtian K., Hajati S., Goudarzi A., SOYLUK M.
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- CCXLI. **Insights into the chemical partitioning of trace metals in roadside and off-road agricultural soils along two major highways in Attica's region, Greece**
Botsou F., SUNGUR A., Kelepertzis E., SOYLUK M.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, cilt.132, ss.101-110, 2016 (SCI-Expanded)
- CCXLII. **Ultrasonic suprarnolecular microextraction of nickel (II) as N,N '-Dihydroxy-1,2-cyclohexanediamine**

- chelates from water, tobacco and fertilizer samples before FAAS determination**
ALOTHMAN Z. A., HABILA M. A., YILMAZ E., SOYLAK M., ALFADUL S. M.
JOURNAL OF MOLECULAR LIQUIDS, cilt.221, ss.773-777, 2016 (SCI-Expanded)
- CCXLIII. Preparation and characterization of magnetic carboxylated nanodiamonds for vortex-assisted magnetic solid-phase extraction of ziram in food and water samples**
YILMAZ E., SOYLAK M.
TALANTA, cilt.158, ss.152-158, 2016 (SCI-Expanded)
- CCXLIV. Modification of platinum nanoparticles loaded on activated carbon and activated carbon with a new chelating agent for solid phase extraction of some metal ions**
Ghaedi M., Noormohamadi H. R., Asfaram A., Montazerozohori M., Tashkhourian J., SOYLAK M.
JOURNAL OF MOLECULAR LIQUIDS, cilt.221, ss.748-754, 2016 (SCI-Expanded)
- CCXLV. Mercaptobenzothiazole-functionalized magnetic carbon nanospheres of type Fe₃O₄@SiO₂@C for the preconcentration of nickel, copper and lead prior to their determination by ICP-MS**
Habila M. A., ALOthman Z. A., El-Toni A. M., Labis J. P., Li X., Zhang F., SOYLAK M.
MICROCHIMICA ACTA, cilt.183, sa.8, ss.2377-2384, 2016 (SCI-Expanded)
- CCXLVI. Synthesis and application of Fe₃O₄@SiO₂@TiO₂ for photocatalytic decomposition of organic matrix simultaneously with magnetic solid phase extraction of heavy metals prior to ICP-MS analysis**
Habila M. A., ALOthman Z. A., El-Toni A. M., Labis J. P., SOYLAK M.
TALANTA, cilt.154, ss.539-547, 2016 (SCI-Expanded)
- CCXLVII. Supramolecular Solvent-based Microextraction of Copper at Trace Levels Before Determination by Microsampling Flame Atomic Absorption Spectrometry**
ALOTHMAN Z. A., HABILA M. A., YILMAZ E., SOYLAK M., ALFADUL S. M.
ATOMIC SPECTROSCOPY, cilt.37, sa.4, ss.158-163, 2016 (SCI-Expanded)
- CCXLVIII. Heavy metal mobility and potential availability in animal manure: using a sequential extraction procedure**
SUNGUR A., SOYLAK M., Yilmaz S., ÖZCAN H.
JOURNAL OF MATERIAL CYCLES AND WASTE MANAGEMENT, cilt.18, sa.3, ss.563-572, 2016 (SCI-Expanded)
- CCXLIX. Solid phase extraction of uranium(VI) on phosphorus-containing polymer grafted 4-aminoantipyrine**
SOYLAK M., Khan M., Alosmanov R., Shah J., Jan M. R.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.308, sa.3, ss.955-963, 2016 (SCI-Expanded)
- CCL. Combination of Syringe-Solid Phase Extraction with Inductively Coupled Plasma Mass Spectrometry for Efficient Heavy Metals Detection**
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CLEAN-SOIL AIR WATER, cilt.44, sa.6, ss.720-727, 2016 (SCI-Expanded)
- CCLI. Combination of dispersive liquid-liquid microextraction and multivariate optimization for separation-enrichment of traces lead by flame atomic absorption spectrometry**
Habila M., YILMAZ E., ALOthman Z., SOYLAK M.
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- CCLII. Vortex-assisted Dispersive Liquid-Liquid Microextraction of Pb (II) as 2-hydroxypyridine-3-carboxylic Acid Chelates From Food and Water Samples Prior to Flame Atomic Absorption Spectrometric Determination**
SOYLAK M., KARACA M.
ATOMIC SPECTROSCOPY, cilt.37, sa.3, ss.108-113, 2016 (SCI-Expanded)
- CCLIII. Flame Atomic Absorption Spectrometric Determination of Gold After Solid-Phase Extraction of Its 2-Aminobenzothiazole Complex on Diaion SP-207**
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JOURNAL OF AOAC INTERNATIONAL, cilt.99, sa.2, ss.534-538, 2016 (SCI-Expanded)
- CCLIV. Simultaneous extraction and preconcentration of Cu²⁺, Ni²⁺ and Zn²⁺ ions using Ag nanoparticle-loaded activated carbon: Response surface methodology**
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- CCLV. **Honeybees and honey as monitors for heavy metal contamination near thermal power plants in Mugla, Turkey**
SİLİCİ S., Uluozlu O. D., Tuzen M., SOYLUK M.
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- CCLVI. **Modeling of quaternary dyes adsorption onto ZnO-NR-AC artificial neural network: Analysis by derivative spectrophotometry**
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- CCLVII. **Bovine serum albumin-Cu(II) hybrid nanoflowers: An effective adsorbent for solid phase extraction and slurry sampling flame atomic absorption spectrometric analysis of cadmium and lead in water, hair, food and cigarette samples**
YILMAZ E., ÖÇSOY I., ÖZDEMİR N., SOYLUK M.
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- CCLVIII. **Chemical fractionation, mobility and environmental impacts of heavy metals in greenhouse soils from Canakkale, Turkey**
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- CCLIX. **Assessment of metal contents in spices and herbs from Saudi Arabia**
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TOXICOLOGY AND INDUSTRIAL HEALTH, cilt.32, sa.2, ss.260-269, 2016 (SCI-Expanded)
- CCLX. **Solid-phase extraction of copper and zinc in water samples using diethylamine-modified phosphorus-containing polymer**
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DESALINATION AND WATER TREATMENT, cilt.57, sa.6, ss.2834-2842, 2016 (SCI-Expanded)
- CCLXI. **A green, novel and simple microprecipitation technique for separation and preconcentration of cadmium with 1-(2-thiazolylazo)-2-naphthol in food samples and determination by microsampling flame atomic absorption spectrometry**
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- CCLXII. **Switchable solvent based liquid phase microextraction of uranium in environmental samples: a green approach**
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ANALYTICAL METHODS, cilt.8, sa.5, ss.979-986, 2016 (SCI-Expanded)
- CCLXIII. **Supramolecular solvent microextraction of Sudan blue II in environmental samples prior to its spectrophotometric determination**
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- CCLXIV. **A sensitive method for the determination of gold and palladium based on dispersive liquid-liquid microextraction combined with flame atomic absorption spectrometric determination using N-(6-morpholin-4-ylpyridin-3-yl)-N'-phenylthiourea**
Bahadir Z., BULUT V. N., Bektas H., SOYLUK M.
RSC ADVANCES, cilt.6, sa.9, ss.6896-6904, 2016 (SCI-Expanded)
- CCLXV. **Comparative study for the separation, preconcentration, and determination of copper and cadmium in real samples by using two different ligands**
Bayrak H. E., BULUT V. N., Tufekci M., BAYRAK H., DURAN C., SOYLUK M.
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- CCLXVI. **Switchable solvent based liquid phase microextraction of mercury from environmental samples: a green aspect**
Khan M., SOYLUK M.
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- CCLXVII. **Assessment of Heavy Metal Levels in Street Dust Samples from Denizli, Turkey, and Analysis by Flame Atomic Absorption Spectrometry**
Akdogan A., Divrikli U., SOYLUK M., Elci L.
ATOMIC SPECTROSCOPY, cilt.37, sa.1, ss.25-29, 2016 (SCI-Expanded)
- CCLXVIII. **Preface**
Turker A. R., Elci L., SOYLUK M.
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- CCLXIX. **Preparation and characterization of magnetic allylamine modified graphene oxide-poly(vinyl acetate-co-divinylbenzene) nanocomposite for vortex assisted magnetic solid phase extraction of some metal ions**
KHAN M., YILMAZ E., SEVINC B., Sahmetlioglu E., SHAH J., JAN M. R., SOYLUK M.
TALANTA, cilt.146, ss.130-137, 2016 (SCI-Expanded)
- CCLXX. **Solid-phase extraction of some food dyes on sea sponge column and determination by UV-vis spectrophotometer**
Karatepe A., Akalin C., SOYLUK M.
DESALINATION AND WATER TREATMENT, cilt.57, sa.53, ss.25822-25829, 2016 (SCI-Expanded)
- CCLXXI. **Solid phase extraction of Pb(II) and Cd(II) as 2,9 dimethyl-4,7-diphenyl-1,10-phenanthroline chelates on activated carbon cloth in environmental samples and their determination by flame atomic absorption spectrometry**
SOYLUK M., Temeltas A.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.96, sa.9, ss.862-871, 2016 (SCI-Expanded)
- CCLXXII. **Multi-Element Preconcentration/Separation of Some Metal Ions in Environmental Samples by Using Co-precipitation**
SOYLUK M., Aydin A., Kizil N.
JOURNAL OF AOAC INTERNATIONAL, cilt.99, sa.1, ss.273-278, 2016 (SCI-Expanded)
- CCLXXIII. **Ultrasonic-assisted supramolecular solvent-based liquid phase microextraction of mercury as 1-(2-pyridylazo)-2-naphthol complexes from water samples**
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- CCLXXIV. **Cr speciation in water samples by dispersive liquid-liquid microextraction combined with total reflection X-ray fluorescence spectrometry**
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- CCLXXV. **Latest trends, green aspects, and innovations in liquid-phase based microextraction techniques: a review**
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- CCLXXVI. **Activated carbon from waste as an efficient adsorbent for malathion for detection and removal purposes**
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- CCLXXVII. **Supramolecular microextraction of cobalt from water samples before its microsampling flame atomic absorption spectrometric detection**
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- CCLXXVIII. **Assessment of Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Cd, and Pb Concentrations in Gluten-free Foods From Saudi Arabia by Inductively Coupled Plasma Mass Spectrometry**
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- ATOMIC SPECTROSCOPY, cilt.36, sa.6, ss.254-260, 2015 (SCI-Expanded)
- CCLXXIX. **Separation and Enrichment of Gold in Water, Geological and Environmental Samples by Solid Phase Extraction on Multiwalled Carbon Nanotubes Prior to its Determination by Flame Atomic Absorption Spectrometry**
Duran A., Tuzen M., SOYLUK M.
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- CCLXXX. **Investigation of the Influence of Selected Soil and Plant Properties from Sakarya, Turkey, on the Bioavailability of Trace Elements by Applying an In Vitro Digestion Model**
Altundag H., Albayrak S., Dundar M. S., Tuzen M., SOYLUK M.
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- CCLXXXI. **Preconcentration/separation of lead at trace level from water samples by mixed micelle cloud point extraction**
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- CCLXXXII. **Speciation of Chromium in Natural Waters, Tea, and Soil with Membrane Filtration Flame Atomic Absorption Spectrometry**
Habila M., Unsal Y. E., Alothman Z. A., Shabaka A., Tuzen M., SOYLUK M.
ANALYTICAL LETTERS, cilt.48, sa.14, ss.2258-2271, 2015 (SCI-Expanded)
- CCLXXXIII. **DETERMINATION OF CADMIUM AND LEAD IN WATER AND FOOD BY ORGANIC DROP MICROEXTRACTION AND FLAME ATOMIC ABSORPTION SPECTROMETRY**
Jalbani N., SOYLUK M.
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- CCLXXXIV. **Solid-phase extraction of Pb²⁺ ion from environmental samples onto L-AC-Ag-NP by flame atomic absorption spectrometry (FAAS)**
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- CCLXXXV. **Enrichment-separation and determinations of cadmium(II) and lead(II)-1-phenyl-1H-tetrazole-5-thiol chelates on Diaion SP-207 by solid phase extraction-flame atomic absorption spectrometry**
SOYLUK M., Topalak Z.
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- CCLXXXVI. **A Comparative Study for Separation, Preconcentration and Determination of Tartrazine (E 102) in Soft Drink Samples by Two Kinds of Amberlite Resins**
BISGIN A. T., UCAN M., NARİN I., SOYLUK M.
FOOD ANALYTICAL METHODS, cilt.8, sa.8, ss.2141-2149, 2015 (SCI-Expanded)
- CLXXXVII. **Dispersive liquid-liquid microextraction-spectrophotometry combination for determination of rhodamine B in food, water, and environmental samples**
Unsal Y. E., SOYLUK M., Tuzen M.
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- CCLXXXVIII. **Solid-phase extraction of iridium from soil and water samples by using activated carbon cloth prior to its spectrophotometric determination**
Ozkantar N., YILMAZ E., SOYLUK M., Tuzen M.
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- CCLXXXIX. **Switchable polarity solvent for liquid phase microextraction of Cd(II) as pyrrolidinedithiocarbamate chelates from environmental samples**
Yilmaz E., SOYLUK M.
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- CCXC. **A green and efficient in-syringe ionic liquid-based single step microextraction procedure for preconcentration and determination of cadmium in water samples**
Khan S., Kazi T. G., SOYLUK M.
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- CCXCI. **Determination of Copper in Food and Water by Dispersive Liquid-Liquid Microextraction and Flame Atomic Absorption Spectrometry**
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ANALYTICAL LETTERS, cilt.48, sa.11, ss.1738-1750, 2015 (SCI-Expanded)
- CCXCII. **A multivariate study of solid phase extraction of beryllium(II) using human hair as adsorbent prior to its spectrophotometric detection**
Khan N., Kazi T. G., Tuzen M., SOYLAK M.
DESALINATION AND WATER TREATMENT, cilt.55, sa.4, ss.1088-1095, 2015 (SCI-Expanded)
- CCXCIII. **Ionic Liquid-Based Ultrasound-Assisted Emulsification Microextraction of Cadmium in Biological Samples: Optimization by a Multivariate Approach**
Khan S., kazi T. G., SOYLAK M.
ANALYTICAL LETTERS, cilt.48, sa.11, ss.1751-1766, 2015 (SCI-Expanded)
- CCXCIV. **Application of Wet vs. Microwave Digestion for Trace Element Determination in Soil, Vegetable, Nuts, and Grain Samples by ICP-OES**
Altundag H., Albayrak S., Dundar M. S., Tuzen M., SOYLAK M.
ATOMIC SPECTROSCOPY, cilt.36, sa.4, ss.159-164, 2015 (SCI-Expanded)
- CCXCV. **Coprecipitation of Fe(III), Mn(II), Cu(II), Pb(II), Co(II), and Ni(II) With Ytterbium Hydroxide for Separation and Preconcentration Prior to Determination by FAAS**
SOYLAK M., Yigit S.
ATOMIC SPECTROSCOPY, cilt.36, sa.4, ss.165-170, 2015 (SCI-Expanded)
- CCXCVI. **Lead preconcentration as rac-(E,E)-N,N'-bis(2-chlorobenzylidene)cyclohexane-1,2-diamine complexes from water and tobacco samples by dispersive liquid-liquid microextraction**
ALOTHMAN Z. A., HABILA M. A., YILMAZ E., WARAD I., SOYLAK M.
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- CCXCVII. **Determination of Lead, Copper, and Iron in Cosmetics, Water, Soil, and Food Using Polyhydroxybutyrate-B-polydimethyl Siloxane Preconcentration and Flame Atomic Absorption Spectrometry**
Unsal Y. E., SOYLAK M., Tuzen M., Hazer B.
ANALYTICAL LETTERS, cilt.48, sa.7, ss.1163-1179, 2015 (SCI-Expanded)
- CCXCVIII. **Use of Fe3O4 Nanoparticles and Ultrasound-assisted Dispersive Liquid-liquid Microextraction of Lead in Water, Tobacco, and Fertilizer Samples for FAAS Determination**
Habila M. A., Alothman Z. A., SOYLAK M.
ATOMIC SPECTROSCOPY, cilt.36, sa.3, ss.146-151, 2015 (SCI-Expanded)
- CCXCIX. **Determination of trace amounts of hexavalent chromium in drinking waters by dispersive microsolid-phase extraction using modified multiwalled carbon nanotubes combined with total reflection X-ray fluorescence spectrometry**
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SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, cilt.107, ss.170-177, 2015 (SCI-Expanded)
- CCC. **Ultrasound assisted-deep eutectic solvent extraction of iron from sheep, bovine and chicken liver samples**
YILMAZ E., SOYLAK M.
TALANTA, cilt.136, ss.170-173, 2015 (SCI-Expanded)
- CCCI. **Separation and preconcentration of lead(II), cobalt(II), and nickel(II) on EDTA immobilized activated carbon cloth prior to flame atomic absorption spectrometric determination in environmental samples**
Al-othman Z., YILMAZ E., Habila M., SOYLAK M.
TURKISH JOURNAL OF CHEMISTRY, cilt.39, ss.1038-1049, 2015 (SCI-Expanded)
- CCCII. **Preconcentration-separation of germanium at ultra trace levels on polysulfone membrane filter and its determination by spectrophotometry**
SOYLAK M., YIGIT S.
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, cilt.24, ss.322-325, 2015 (SCI-Expanded)

- CCCIII.** **Ultrasound-assisted ionic liquid-based dispersive liquid-liquid microextraction for preconcentration of patent blue V and its determination in food samples by UV-visible spectrophotometry**
Unsal Y. E., SOYLAK M., Tuzen M.
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.187, sa.4, 2015 (SCI-Expanded)
- CCCIV.** **A membrane filtration procedure for the enrichment, separation, and flame atomic absorption spectrometric determinations of some metals in water, hair, urine, and fish samples**
ALOTHMAN Z. A., Unsal Y. E., Habila M., Tuzen M., SOYLAK M.
DESALINATION AND WATER TREATMENT, cilt.53, sa.13, ss.3457-3465, 2015 (SCI-Expanded)
- CCCV.** **Magnetic solid phase extraction of lead(ii) and cadmium(ii) on a magnetic phosphorus-containing polymer (M-PhCP) for their microsampling flame atomic absorption spectrometric determinations**
YILMAZ E., Alosmanov R. M., SOYLAK M.
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- CCCVI.** **The Efficient Photocatalytic Degradation of Methyl Tert-butyl Ether Under Pd/ZnO and Visible Light Irradiation**
SEDDIGI Z. S., AHMED S. A., Bumajdad A., DANISH E. Y., SHAWKY A. M., GONDAL M. A., SOYLAK M.
PHOTOCHEMISTRY AND PHOTOBIOLOGY, cilt.91, sa.2, ss.265-271, 2015 (SCI-Expanded)
- CCCVII.** **Determination of Cadmium in Fruit and Vegetables by Ionic Liquid Magnetic Microextraction and Flame Atomic Absorption Spectrometry**
SOYLAK M., YILMAZ E.
ANALYTICAL LETTERS, cilt.48, sa.3, ss.464-476, 2015 (SCI-Expanded)
- CCCVIII.** **Solid phase extraction of metal ions in environmental samples on 1-(2-pyridylazo)-2-naphthol impregnated activated carbon cloth**
Alothman Z. A., YILMAZ E., Habila M., SOYLAK M.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, cilt.112, ss.74-79, 2015 (SCI-Expanded)
- CCCIX.** **Dispersive liquid-liquid microextraction of lead(II) as 5-(4-dimethylaminobenzylidene) rhodanine chelates from food and water samples**
Alothman Z. A., AL-SHAALAN N. H., HABILA M. A., Unsal Y. E., Tuzen M., SOYLAK M.
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- CCCX.** **Ligandless ultrasonic-assisted and ionic liquid-based dispersive liquid-liquid microextraction of copper, nickel and lead in different food samples**
Jalbani N. B., SOYLAK M.
FOOD CHEMISTRY, cilt.167, ss.433-437, 2015 (SCI-Expanded)
- CCCXI.** **Characterization of Heavy Metal Fractions in Agricultural Soils by Sequential Extraction Procedure: The Relationship Between Soil Properties and Heavy Metal Fractions**
SUNGUR A., SOYLAK M., YILMAZ E., Yilmaz S., ÖZCAN H.
SOIL & SEDIMENT CONTAMINATION, cilt.24, sa.1, ss.1-15, 2015 (SCI-Expanded)
- CCCXII.** **Switchable solvent-based liquid phase microextraction of copper(II): optimization and application to environmental samples**
YILMAZ E., SOYLAK M.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, cilt.30, sa.7, ss.1629-1635, 2015 (SCI-Expanded)
- CCCXIII.** **Separation-preconcentration of nickel and lead in food samples by a combination of solid-liquid-solid dispersive extraction using SiO₂ nanoparticles, ionic liquid-based dispersive liquid-liquid micro-extraction**
Jalbani N., SOYLAK M.
TALANTA, cilt.131, ss.361-365, 2015 (SCI-Expanded)
- CCCXIV.** **Supramolecular solvent based liquid-liquid microextraction of aluminum from water and hair samples prior to UV-visible spectrophotometric detection**
KHAN M., SOYLAK M.
RSC ADVANCES, cilt.5, sa.77, ss.62433-62438, 2015 (SCI-Expanded)
- CCCXV.** **Separation and Preconcentration of Sudan Blue II Using Membrane Filtration and UV-Visible Spectrophotometric Determination in River Water and Industrial Wastewater Samples**

- Unsal Y. E., Tuzen M., SOYLUK M.
JOURNAL OF AOAC INTERNATIONAL, cilt.98, sa.1, ss.213-217, 2015 (SCI-Expanded)
- CCCXVI. **Triethylenetetramine modified multiwalled carbon nanotubes for the efficient preconcentration of Pb(II), Cu(II), Ni(II) and Cd(II) before FAAS detection**
Alothman Z. A., YILMAZ E., HABILA M. A., ALSOHAIMI I. H., ALDAWSARI A. M., AL-HARBI N. M., SOYLUK M.
RSC ADVANCES, cilt.5, sa.129, ss.106905-106911, 2015 (SCI-Expanded)
- CCCXVII. **Supramolecular solvent-based dispersive liquid-liquid microextraction of copper from water and hair samples**
Aydin F., YILMAZ E., SOYLUK M.
RSC ADVANCES, cilt.5, sa.50, ss.40422-40428, 2015 (SCI-Expanded)
- CCCXVIII. **Supramolecular solvent-based microextraction method for cobalt traces in food samples with optimization Plackett-Burman and central composite experimental design**
aydin F., YILMAZ E., SOYLUK M.
RSC ADVANCES, cilt.5, sa.115, ss.94879-94886, 2015 (SCI-Expanded)
- CCCXIX. **Separation and preconcentration of lead(II), cobalt(II), and nickel(II) on EDTA immobilized activated carbon cloth prior to flame atomic absorption spectrometric determination in environmental samples**
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- CCCXCI. **DETERMINATION OF PALLADIUM IN ANODIC SLIME AND WASTE WATERS BY FLAME AAS AFTER PRECONCENTRATION SEPARATION**
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- CCCXCIII. **Pressure-assisted ionic liquid dispersive microextraction of vanadium coupled with electrothermal atomic absorption spectrometry**
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- CCCXCIV. **TRACE ELEMENT CONTENTS OF RAISINS, GRAPES AND SOIL SAMPLES FROM INCESU-KAYSERİ, TURKEY**
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- CCCXCVI. **Evaluation of Trace Metals in Tea Samples from Jeddah and Jazan, Saudi Arabia by Atomic Absorption Spectrometry**
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- DXX. Preconcentration and separation of trace amount of heavy metal ions on bis(2-hydroxy acetophenone)ethylendiimine loaded on activated carbon**
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SİLİCİ S., Uluozlu O. D., Tuzen M., SOYLUK M.

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- DXLIV. Heavy metal contents of refined and unrefined table salts from Turkey, Egypt and Greece**
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- DXLV. A new approach to separation and pre-concentration of some trace metals with co-precipitation method using a triazole**
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- DXLVI. Gadolinium hydroxide coprecipitation system for the separation-preconcentration of some heavy metals**
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- DXLVII. Heavy Metal Contents of Some Wild Edible Mushrooms from Black Sea Region, Turkey**
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- DXLIX. Poly(vinyl pyridine-poly ethylene glycol methacrylate-ethylene glycol dimethacrylate) Beads for Heavy Metal Removal**
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Mendil D., TÜZEN M., SOYLUK M.
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- DLXXV. **A new pH indicator based on 2,5-diaryl-1-salicylideneamino-1,3,4-triazole derivative**
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Tuzen M., SARAÇOĞLU S., SOYLAK M.
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- DLXXXI. **Equilibrium, kinetic and thermodynamic studies of adsorption of Pb(II) from aqueous solution onto Turkish kaolinite clay**
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- DLXXXII. **Optimization of microwave assisted digestion procedure for the determination of zinc, copper and nickel in tea samples employing flame atomic absorption spectrometry**
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- DLXXXIII. **Solid Phase Extraction of Mn(II), Co(II), Ni(II), Cu(II), Cd(II) and Pb(II) Ions from Environmental Samples**

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ELÇİ L., Sahan D., Basaran A., Soylak M.
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TÜZEN M., Soylak M.
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Soylak M., CAY R. S.
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- DXCIV. **Preconcentration of Pb(II), Cr(III), Cu(II), Ni(II) and Cd(II) ions in environmental samples by membrane filtration prior to their flame atomic absorption spectrometric determinations**
DİVRİKLİ U., Kartal A. A., Soylak M., ELÇİ L.
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- DXCV. **Trace element levels of mushroom species from East Black Sea region of Turkey**
TÜZEN M., Sesli E., Soylak M.
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Uluozlu O. D., Kinalioglu K., TÜZEN M., Soylak M.
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Sari A., TÜZEN M., Soylak M.
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Bulut V. N., DURAN C., Tüfekci M., ELÇİ L., Soylak M.
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- DCIII. **Simultaneous preconcentration of copper, nickel, cobalt and lead ions prior to their flame atomic absorption spectrometric determination**
Ghaedi M., Ahmadi F., Soylak M.
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Yalcin M. G., Narin I., Soylak M.
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- DCV. **Solid phase extraction and preconcentration of uranium(VI) and thorium(IV) on Duolite XAD761 prior to their inductively coupled plasma mass spectrometric determination**
Aydin F. A., Soylak M.
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ghaedi M., Montazerozohori M., Soylak M.
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- DCVII. **Membrane filtration - atomic absorption spectrometry combination for copper, cobalt, cadmium, lead and chromium in environmental samples**
Soylak M., Divrikli U., Saracoglu S., ELÇİ L.
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- DCVIII. **Cloud point extraction procedure for flame atomic absorption spectrometric determination of lead(II) in sediment and water samples**
Surme Y., Narin I., Soylak M., Yuruk H., DOĞAN M.
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- DCIX. **Speciation of selenium(IV) and selenium(VI) in environmental samples by the combination of graphite furnace atomic absorption spectrometric determination and solid phase extraction on Diaion HP-2MG**
Saygi K. O., Melek E., TÜZEN M., Soylak M.
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- DCX. **Determination of some trace metals in environmental samples by flame AAS following solid phase extraction with amberlite XAD-2000 resin after complexing with 8-hydroxyquinoline**
DURAN C., Senturk H. B., gündoğdu A., Bulut V. N., ELÇİ L., Soylak M., Tufekci M., Uygur Y.

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TÜZEN M., saygi K. O., Soylak M.
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- DCXII. **Biosorption of copper(II), lead(II), iron(III) and cobalt(II) on *Bacillus sphaericus*-loaded Diaion SP-850 resin**
tüzen M., Uluzlu O. D., Usta C., Soylak M.
ANALYTICA CHIMICA ACTA, cilt.581, sa.2, ss.241-246, 2007 (SCI-Expanded)
- DCXIII. **Trace element levels in honeys from different regions of Turkey**
TUZEN M., Silici S., mendil d., SOYLUK M.
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- DCXIV. **Evaluation of trace element contents in canned foods marketed from Turkey**
Tuzen M., Soylak M.
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- DCXV. **Determination of trace metals in canned fish marketed in Turkey**
tüzen M., Soylak M.
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- DCXVI. **Simultaneous preconcentration of trace metals in environmental samples using amberlite XAD-2010/8-hydroxyquinoline system**
gündogdu A., DURAN C., Senturk H. B., ELÇİ L., Soylak M.
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Saracoglu S., Saygi K. O., Uluzlu O. D., TÜZEN M., Soylak M.
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- DCXVIII. **Trace metal content in nine species of fish from the Black and Aegean Seas, Turkey**
Uluzlu O. D., TÜZEN M., Mendil D., Soylak M.
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Sari A., Soylak M.
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Soylak M., TÜZEN M., MENDİL D., Turkekul I.
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- DCXXI. **Copper(II)-Rubeanic Acid Coprecipitation System for Separation-Preconcentration of Trace Metal Ions in Environmental Samples for their Flame Atomic Absorption Spectrometric Determinations**
SOYLUK M., ERGOĞAN N.
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- DCXXII. **Sorbent extraction of rubeanic acid-metal chelates on a new adsorbent: Sepabeads SP70**
Soylak M., TÜZEN M.
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- DCXXIII. **Solid phase extraction and spectrophotometric determination of trace amounts of thiocyanate in real samples**
Ghaedi M., Parham H., Moghadam M., Mortazavi K., Soylak M.
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- DCXXIV. **Diaion SP-850 resin as a new solid phase extractor for preconcentration-separation of trace metal ions in environmental samples**
Soylak M., TÜZEN M.
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- DCXXV. **Flame atomic absorption spectrometric determination of cadmium(II) and lead(II) after their solid**

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Melek E., TÜZEN M., Soylak M.
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Soylak M., Erdogan N. D.
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Soylak M., Onal G.
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TÜZEN M., SOYLAK M.
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Narin I., Sürme Y., Soylak M., Doğan M.
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TÜZEN M., Melek E., Soylak M.
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- DCXXXIII. Trace Metal Contents of Snack and Appetizers Consumed in Turkey**
SOYLAK M., çolak h., TÜRKOĞLU O., doğan m.
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- DCXXXIV. Comparison of Digestion Procedures for Commercial Powdered Soup Samples for the Determination of their Trace Metal Contents by AAS**
SOYLAK M., çolak h., TÜRKOĞLU O., TÜZEN M., elçi l.
JOURNAL OF FOOD AND DRUG ANALYSIS, cilt.14, ss.62-67, 2006 (SCI-Expanded)
- DCXXXV. Trace heavy metal contents of some spices and herbal plants from western Anatolia, Turkey**
DİVRİKLİ Ü., Horzum N., Soylak M., elçi l.
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Soylak M., TÜZEN M., narin i.
QUIMICA NOVA, cilt.29, sa.2, ss.203-207, 2006 (SCI-Expanded)
- DCXXXVIII. Comparison of digestion procedures on commercial powdered soup samples for the determination of trace metal contents by atomic absorption spectrometry**
Soylak M., Colak H., Tuzen M., Turkoglu O., Elci L.
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- CCXX. **Staphylococcus Auerus ATCC 25923 İmmobilize Edilmiş Dowex Optipore V-493 Biyosorbent Reçinesi Kullanılarak Pb(II), Cd(II) ve Cu(II) İyonlarının Zenginleştirilmesi**

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- CCXXI. **1-Nitroso-2-Naftol ile Doyurulmuş MCI GEL CHP20P Reçinesi ile U(VI), Th(IV), Ti(IV), Fe(III), Pb(II) ve Cr(III) Metallerinin Zenginleştirilmesi ve ICP-MS ile Tayinleri**

AYDIN F., SOYLUK M.

X. Ulusal Spektroskopi Kongresi, İzmir, Türkiye, 4 - 07 Temmuz 2007, ss.22

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NARİN I., Kars A., SOYLUK M.

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- CCXXIII. **Bakır(II) ve Kurşun(II) İyonlarının Yüzey Alanı Genişletilmiş Perlit Üzerindeki Adsorpsiyon Karakteristiklerinin İncelenmesi**

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- CCXXV. **Karbon Nanotüp Kullanılarak Eser Metallerin Ayrılması ve Zenginleştirilmesi**

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- CCXXVI. **Kurşun, Altın ve Palladyumun Birlikte Çökürme ile Zenginleştirilmesi ve Alevli AAS ile Tayini**

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- CCXXVII. **Bakır, Demir ve Çinko İyonlarının Biyolojik Sorpsiyonu ve Alevli AAS ile Tayini**

TÜZEN M., MELEK E., SOYLUK M.

X. Ulusal Spektroskopi Kongresi, İzmir, Türkiye, 4 - 07 Temmuz 2007, ss.111

- CCXXVIII. **Bacillus Thuringiensis Yüklenmiş Cromosorb 101 Reçinesinde Bazi Eser Metallerin Zenginleştirilmesi**

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- CCXXIX. **Cr(III), Pb(II), Cu(II), Ni(II), Bi(III) ve Cd(II) İyonlarının Miseller Sistem Ekstraksiyonu ile Zenginleştirilmesi ve AAS ile Tayinleri**

Çandır S., NARİN I., SOYLUK M.

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- CCXXX. **Development of a Selective and Sensitive Flotation Method for Determination of Trace Amounts of Cobalt, Nickel, Copper and Iron in Environmental Samples**

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