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Eğitim Bilgileri

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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. **MWCNT@TiSiO4 nanocomposite for dispersive solid phase extraction of traces cadmium in food and environmental samples**
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- IV. **Zn-doped MoO₃ nanorods for dispersive solid phase extraction of trace Pb(II) from water and food samples**
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- V. **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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- VI. **Sensitive determination of iodide at graphitic carbon nitride-chitosan composite modified screen-printed electrode in urine and salt using cathodic stripping voltammetry**
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- VII. **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**
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- VIII. **Novel magnetic deep eutectic solvent/Zn-MOF composite for extraction of Carmoisine from water and food samples**
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- IX. **Functionalized nanodiamonds with NiCoFe layered double hydroxides used as a novel adsorbent in dispersive solid phase microextraction for Pb(II) determination in juice samples**
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- X. **Solid phase microextraction of rhodamine B in cosmetic samples using ZnS@GO@WMCNTs Nanocomposite with Spectrophotometric Detection**
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- XI. **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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- XII. **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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- XIII. **Magnetic covalent organic frameworks-based adsorbents in solid phase extraction of trace analytes in environmental samples**
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- XIV. **Novel reusable and switchable deep eutectic solvent for extraction and determination of curcumin in water and food samples**
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- XV. **Assessment of metal contents from halal-certified cosmetics by using inductively coupled plasma-mass spectrometry (ICP-MS)**
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- XVI. **Inductively coupled plasma-mass spectrometry (ICP-MS) detection of trace metal contents of children cosmetics**
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- XVII. **An environmentally friendly hydrophobic deep eutectic solvent dispersive liquid liquid microextraction for spectrophotometric analysis of indigo carmine (E132)**
Kızıl N., Erkmen Erbilgin D., Yola M. L., SOYLUK M.
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- XVIII. **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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- XIX. **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., SOYLUK M.
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- XX. **Switchable-Hydrophilicity Solvent Liquid-Liquid Microextraction Prior to Spectrophotometric Determination of Sudan I Dye in Spices**
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- XXI. **Speciation of Chromium by Magnetic Solid Phase Microextraction Using an Activated Charcoal-Molybdenum (IV) Selenide-Magnetite Composite with Flame Atomic Absorption Spectrometric (FAAS) Detection**
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- XXII. **Novel extracellular synthesized silver nanoparticles using thermophilic Anoxybacillus flavithermus and Geobacillus stearothermophilus and their evaluation as nanodrugs**
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- XXIII. **A New Micro-Solid Phase Extraction Using ZnMnAl LDH Nano-Sorbent for Cu and Ni Determination in Natural Water and Soil**
Ahmed H. E. H., Seddigi Z. S., SOYLUK M.
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- XXIV. **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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- XXV. **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)**
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- XXVI. **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**
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- XXVII. **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**
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- XXVIII. **Cloud Point Microextraction Prior to Flame-Atomic Absorption Spectrometry for the Determination of Zinc Ethylene-1,2-Bisdithiocarbamate (Zineb) in Food and Environmental Samples**
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- XXIX. **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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- XXX. **Nanodiamond (ND)-Based ND@CuAl2O4@Fe3O4 electrochemical sensor for Tofacitinib detection: A unified approach to integrate experimental data with DFT and molecular docking**
Bouali W., KURTAY G., Genç A. A., Ahmed H. E. H., SOYLAK M., ERK N., Karimi-Maleh H.
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- XXXI. **A magnetic solid phase extraction procedure for Pb(II) at trace levels on magnetic Luffa@TiO2 in food and water samples**
Ahmed H. E. H., Mohammed A. M. A., SOYLAK M.
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- XXXII. **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., SOYLAK M.
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- XXXIII. **Application of lysine imprinted polymer as carbon dioxide colorimetric indicators for food packaging**
Tabar P., Hashemi-Moghaddam H., Baghaie H., SOYLAK M.
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- XXXIV. **Dispersive solid phase microextraction (DSP- μ E) by using nanodiamond@Bi2MoO6 composite for the separation-preconcentration of Pb(II) in food and water samples**
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- XXXV. **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., SOYLAK M., ÖZCAN H.
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- XXXVI. **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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- XXXVII. **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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ÖZALP Ö., GÜMÜŞ Z. P., SOYLUK M.
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- XXXIX. **TiO₂@ZnO nanocomposite: bifunctional material for solid phase extraction of U(VI) and Th(IV) and photocatalytic degradation of organic contaminant**
Aydın F., YILMAZ E., Demirkiran G., Erbaş Z., Vurucuel M., SOYLUK M.
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- XL. **BaTiO₃ is a novel adsorbent for solid-phase extraction of copper at trace levels in food and water samples before HR-CS-FAAS detection**
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- XLI. **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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- XLII. **Covalent Organic Frameworks, a Renewable and Emergent Source for the Separation and Pre-concentration of the Traces of Targeted Species**
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- XLIII. **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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- XLIV. **A novel biosensor based on molecularly imprinted polymer coated nanofiber composite for uric acid analysis in body fluids**
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- XLV. **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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- XLVI. **A fungal functionalized magnetized solid phase extractor for preconcentrations of Pb(II), Mn(II), and Co(II) from real samples**
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- XLVII. **Vortex-assisted solid phase extraction on MIL-101(Cr) of parabens in waters and cosmetics by HPLC-DAD**
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- XLVIII. **MIL-101(Cr) metal-organic frameworks based on deep eutectic solvent (ChCl: Urea) for solid phase extraction of imidacloprid in tea infusions and water samples**
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- XLIX. Switchable hydrophilicity solvent based microextraction of mercury from water, fish and hair samples before its spectrophotometric detection**
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- L. Magnetic solid phase extraction of lead(II) from food and water samples on magnetic MWCNTs/MgAl₂O₄/TiO₂**
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- LI. 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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- LII. Metal-Organic Framework Based Electrochemical Immunosensor for Label-Free Detection of Glial Fibrillary Acidic Protein as a Biomarker**
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- LIII. An electrochemical sensing platform with a molecularly imprinted polymer based on chitosan-stabilized metal@metal-organic frameworks for topotecan detection**
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- LIV. 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**
Mehmandoust M., ERK N., Naser M., SOYLUK M.
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- LV. 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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- LVI. Innovative molecularly imprinted electrochemical sensor for the nanomolar detection of Tenofovir as an anti-HIV drug**
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- LVII. Ag modified ZnO nanoflowers for the dispersive micro-solid-phase extraction of lead(II) from food and water samples prior to its detection with high-resolution continuum source flame atomic absorption spectrometry**
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- LVIII. Solid-Phase Extraction (SPE) of Salmon Sperm DNA Using a Polyaniline@Molybdenum(IV) Sulfide@Multiwalled Carbon Nanotubes (MWCNTs) Nanocomposite with Spectrophotometric Detection**
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- LIX. Layered Double Hydroxides (LDHs) for the Treatment and Determination of Pollutants in Water and Wastewater**
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- LX. Determination of Curcumin in Food with Homogenous Liquid-Phase Microextraction Preconcentration and Spectrophotometric Determination**
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- ANALYTICAL LETTERS, cilt.56, sa.5, ss.807-815, 2023 (SCI-Expanded)
- LXI. **Fe-Ni@ACC Nanocomposite for Magnetic Dispersive Micro Solid-phase Extraction of Cu (II) From Food and Hair Samples**
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- LXII. **Cloud Point Microextraction of Sudan IV from Food and Cosmetics with Determination by Spectrophotometry**
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- LXIII. **Microextraction Methods for the Separation-Preconcentration and Determination of Food Dyes: A Minireview**
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- LXIV. **Determination of Trace Sudan I in Spices by Novel, Green Ionic Liquid Based Microextraction with Spectrophotometry**
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- LXV. **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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- LXVI. **Synergistic Cloud Point Microextraction Prior to Spectrophotometric Determination of Curcumin in Food Samples**
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- LXVII. **Amine-based vortex-assisted liquid-phase microextraction procedure for traces of tartrazine (E102) in food and water samples**
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- LXVIII. **Graphene-Based Nanomaterials: A Sustainable Material for Solid-Phase Microextraction (SPME) for Environmental Applications**
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- LXIX. **Introductory Note to the Special Issue of Analytical Letters for the Third International Environmental Chemistry Congress (EnviroChem 2021)**
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- LXX. **Determination of rhodamine B in water and cosmetics by switchable solvent-based liquid phase microextraction with spectrophotometric determination**
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- LXXI. **Deep Eutectic Solvent Based Liquid-Liquid Microextraction of Mercury in Water, Hair and Fish with Spectrophotometric Determination: A Green Protocol**
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- LXXII. **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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- LXXXIII. **Coprecipitation of Trace Propineb in Water and Food with Separation-Preconcentration Using Cu(II)-8-Hydroxyquinoline (8HQ) Precipitate**
SOYLUK M., Ahmed H. E. H., ÖZALP Ö.
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- LXXXIV. **Determination of Trace Ziram in Food by Magnesium Hydroxide Coprecipitation with Indirect Detection by Flame Atomic Absorption Spectrometry (FAAS)**
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- LXXXV. **Determination of Sudan III in Food by Supramolecular Microextraction and Spectrophotometry**
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- LXXXVI. **Magnetic solid-phase extraction of atrazine with ACC@NiCo2O4@Fe3O4 nanocomposite in spice and water samples**
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- LXXXVII. **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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- LXXXVIII. **Arsenic speciation by using emerging sample preparation techniques: a review**
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- LXXXIX. **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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- LXXX. **Design, Structural Characteristic and Antibacterial Performance of Silver-Containing Cotton Fiber Nanocomposite**
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- LXXXI. **Deep eutectic solvents-based adsorbents in environmental analysis**
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- LXXXII. **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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CHEMISTRYSELECT, cilt.7, sa.46, 2022 (SCI-Expanded)
- LXXXIII. **Investigation of Trace Elements in Vegan Foods by ICP-MS After Microwave Digestion**
Köprü S., Çadir M., Soylak M.
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- LXXXIV. **Deep eutectic solvent (DES) based dispersive Liquid-Phase microextraction of Sunset yellow FCF in food and pharmaceutical products**
Kizil N., Basaran E., Erbilgin D., Yola M. L., UZCAN F., Soylak M.
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- LXXXV. **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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- LXXXVI. <p>**Determination of propineb in vegetable samples after a coprecipitation strategy for its**

separation-preconcentration prior to its indirect determination FAAS</p>

Soylak M., Ahmed H. E. H., ÖZALP Ö.

FOOD CHEMISTRY, cilt.388, 2022 (SCI-Expanded)

- LXXXVII. **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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- LXXXVIII. **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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- LXXXIX. **Supramolecular solvent-based liquid phase extraction of antimony prior to spectrophotometric quantification**

Khan M., Jamshed M., Badhshah A., Nishan U., SOYLUK M.

ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.194, sa.8, 2022 (SCI-Expanded)

- XC. **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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CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, cilt.52, sa.6, ss.1343-1369, 2022 (SCI-Expanded)

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

Botsou F., SUNGUR A., Kelepertzis E., Kypritidou Z., Daferera O., Massas I., Argyraki A., Skordas K., SOYLUK M.

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- XCII. **Review: Microextraction Technique Based New Trends in Food Analysis**

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CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, cilt.52, sa.5, ss.968-999, 2022 (SCI-Expanded)

- XCIII. **Sample Preparation Methods for Metal Containing Pesticides in Food and Environmental Samples**

ÖZALP Ö., UZCAN F., GUMUS Z. P., SOYLUK M.

CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, 2022 (SCI-Expanded)

- XCIV. **< 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>**

SOYLUK M., Alasaad M., ÖZALP Ö.

MICROCHEMICAL JOURNAL, cilt.178, 2022 (SCI-Expanded)

- XCV. **A reusable and sensitive electrochemical sensor for determination of Allura red in the presence of Tartrazine based on functionalized nanodiamond@SiO₂@TiO₂; an electrochemical and molecular docking investigation**

Mehmoudoust M., Pourhakkak P., Hasannia F., ÖZALP Ö., SOYLUK M., ERK N.

FOOD AND CHEMICAL TOXICOLOGY, cilt.164, 2022 (SCI-Expanded)

- XCVI. **Deep eutectic solvent-based ultrasound-assisted liquid-liquid microextraction of ibuprofen prior to HPLC-UV determination**

Çidem F., Yuvalı D., Soylak M., Narin İ., Yilmaz E.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2022 (SCI-Expanded)

- XCVII. **Metal-doped Magnetic Graphene Oxide Nanohybrid for Solid-phase Microextraction of Copper from Environmental Samples**

SOYLUK M., Jagirani M. S., UZCAN F.

IRANIAN JOURNAL OF SCIENCE AND TECHNOLOGY TRANSACTION A-SCIENCE, cilt.46, sa.3, ss.807-817, 2022 (SCI-Expanded)

- XCVIII. **Preconcentrations of Cu (II) and Mn (II) by magnetic solid-phase extraction on Bacillus cereus loaded gamma-Fe₂O₃ nanomaterials**

ÖZDEMİR S., Turkan Z., Kilinc E., Bayat R., SOYLUK M., ŞEN F.

- ENVIRONMENTAL RESEARCH, cilt.209, 2022 (SCI-Expanded)
- XCIX. **Thiomalic acid/ferric chloride-based deep eutectic solvent for microextraction of chromium in natural water samples prior to FAAS analysis**
Habila M. A., Alabdulkarem E. A., ALOthman Z. A., YILMAZ E., SOYLUK M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.102, sa.8, ss.1825-1833, 2022 (SCI-Expanded)
- C. **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**
ALOthman Z. A., YILMAZ E., Habila M. A., Alhenaki B., SOYLUK M., Ahmed A. Y. B. H., Alabdulkarem E.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.102, sa.7, ss.1491-1501, 2022 (SCI-Expanded)
- CI. **Spectrophotometric determination of traces allura red in environmental samples after a deep eutectic solvent-based microextraction**
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- CII. **Electrochemical immunosensor for rapid and highly sensitive detection of SARS-CoV-2 antigen in the nasal sample**
Mehmandoust M., GÜMÜŞ Z. P., SOYLUK M., ERK N.
Talanta, cilt.240, 2022 (SCI-Expanded)
- CIII. **Preconcentrations of Zn(II) and Hg(II) in Environmental and Food Samples by SPE on B. licheniformis Loaded Amberlite XAD-4**
ÖZDEMİR S., Kilinc E., Acer O., SOYLUK M.
BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.200, sa.4, ss.1972-1980, 2022 (SCI-Expanded)
- CIV. **Dual-response electrochemical electrode for sensitive monitoring of topotecan and mitomycin as anticancer drugs in real samples**
Mehmandoust M., UZCAN F., SOYLUK M., ERK N.
CHEMOSPHERE, cilt.291, 2022 (SCI-Expanded)
- CV. **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**
Habila M. A., Alhenaki B., El-Marghany A., Sheikh M., Ghfar A. A., ALOthman Z. A., SOYLUK M.
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- CVI. **Ultrasound-assisted deep eutectic solvent microextraction procedure for traces Ponceau 4R in water and cosmetic samples**
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- CVII. **An environmentally friendly, simple and novel microextraction procedure for copper at trace level from urine, sweat, dialysis solution and water samples before its FAAS detection**
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INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.102, sa.16, ss.3919-3930, 2022 (SCI-Expanded)
- CVIII. **Assessment of environmental pollutants at trace levels using ionic liquids-based liquid-phase microextraction**
UZCAN F., JAGIRANI M. S., SOYLUK M.
Turkish Journal of Chemistry, cilt.46, sa.6, ss.1755-1775, 2022 (SCI-Expanded)
- CIX. **Ultrasound assisted deep eutectic solvent based liquid phase microextraction for the preconcentration and spectrophotometric determination of amaranth (E123) in water and food samples**
SOYLUK M., Baran S., UZCAN F.

- INSTRUMENTATION SCIENCE & TECHNOLOGY, cilt.50, sa.2, ss.203-218, 2022 (SCI-Expanded)
- CX. **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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- CXI. **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.
Instrumentation Science and Technology, cilt.50, sa.4, ss.370-384, 2022 (SCI-Expanded)
- CXII. **Advanced Methodologies for Trace Elements in Edible Oil Samples: A Review**
Shah N. S., SOYLAK M.
CRITICAL REVIEWS IN ANALYTICAL CHEMISTRY, cilt.52, sa.7, ss.1572-1582, 2022 (SCI-Expanded)
- CXIII. **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**
Shah S. N., Erbas Z., SOYLAK M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.102, sa.14, ss.3373-3382, 2022 (SCI-Expanded)
- CXIV. **An efficient green microextraction method of Co and Cu in environmental samples prior to their flame atomic absorption spectrometric detection**
DİVRİKLİ Ü., Altun F., AKDOĞAN A., SOYLAK M., ELÇİ L.
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- CXV. **Simultaneous preconcentrations of Cu(II), Ni(II), and Pb(II) by SPE using *E. profundum* loaded onto Amberlite XAD-4**
ÖZDEMİR S., Kilinc E., Acer O., SOYLAK M.
MICROCHEMICAL JOURNAL, cilt.171, 2021 (SCI-Expanded)
- CXVI. **CuCo₂O₄ as affective adsorbent for dispersive solid-phase extraction of lead from food, cigarette and water samples before FAAS detection**
UZCAN F., SOYLAK M.
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- CXVII. **Magnetic Dispersive Solid Phase Extraction of Cu (II) as 1-(2-pyridylazo)-2-naphthol Chelates on Fe₃O₄@XAD-16**
ÖZALP Ö., SOYLAK M.
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- CXVIII. **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., SOYLAK M.
Journal of the Iranian Chemical Society, cilt.18, sa.11, ss.3069-3075, 2021 (SCI-Expanded)
- CXIX. **Metal organic frameworks as nanomaterials for analysis of toxic metals in food and environmental applications**
GÜMÜŞ Z. P., SOYLAK M.
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, cilt.143, 2021 (SCI-Expanded)
- CXX. **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., SOYLAK M.
SUSTAINABLE CHEMISTRY AND PHARMACY, cilt.22, 2021 (SCI-Expanded)
- CXXI. **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**
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- CXXII. The Determination of Toxic Metals in some Traditional Cosmetic Products and Health Risk Assessment**
Kılıç S., KILIÇ M., SOYLAK M.
BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.199, sa.6, ss.2272-2277, 2021 (SCI-Expanded)
- CXXIII. 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**
JAGIRANI M. S., UZCAN F., SOYLAK M.
Journal of the Iranian Chemical Society, cilt.18, sa.5, ss.1005-1013, 2021 (SCI-Expanded)
- CXXIV. 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., Alabdulkarem E. A., SOYLAK M., Mana AL-Anazy M., Ajmal Ali M., Liu X.
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- CXXV. 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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- CXXVI. Electrocatalytic evaluation of graphene oxide warped tetragonal t-lanthanum vanadate (GO@LaV04) nanocomposites for the voltammetric detection of antifungal and antiprotozoal drug (clioquinol)**
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- CXXVII. Development of *Armillae mellea* immobilized nanodiamond for the preconcentrations of Cr(III), Hg(II) and Zn(II)**
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- CXXVIII. 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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- CXXIX. Geochemical fractions of trace metals in surface and core sections of aggregates in agricultural soils**
SUNGUR A., KAVDIR Y., ÖZCAN H., İLAY R., SOYLAK M.
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- CXXX. A new method for the preconcentrations of U(VI) and Th(IV) by magnetized thermophilic bacteria as a novel biosorbent**
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- CXXXI. Application of cherry laurel seeds activated carbon as a new adsorbent for Cr(VI) removal**
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- CXXXII. Vortex-assisted magnetic solid phase extraction of Pb and Cu in some herb samples on magnetic multiwalled carbon nanotubes**
Kamas D., KARATEPE A., SOYLAK M.
TURKISH JOURNAL OF CHEMISTRY, cilt.45, sa.1, ss.210-218, 2021 (SCI-Expanded)
- CXXXIII. Supramolecular solvents: a review of a modern innovation in liquid-phase microextraction technique**
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- CXXXIV. Ultrasound assisted supramolecular liquid phase microextraction procedure for Sudan I at trace**

- level in environmental samples**
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- CXXXV. **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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- CXXXVI. **Ultrasound-assisted magnetic solid phase microextraction of patent blue V on magnetic multiwalled carbon nanotubes prior to its spectrophotometric determination**
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- CXXXVII. **A review: Recent advances in solid phase microextraction of toxic pollutants using nanotechnology scenario**
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- CXXXVIII. **An environmentally friendly and novel amine-based liquid phase microextraction of quercetin in food samples prior to its determination by UV-vis spectrophotometry**
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- CXXXIX. **Nanomaterials-based solid phase extraction and solid phase microextraction for heavy metals food toxicity**
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- CXL. **Nano-clay as a solid phase microextractor of copper, cadmium and lead for ultra-trace quantification by ICP-MS**
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ANALYTICAL METHODS, cilt.12, sa.41, ss.4949-4955, 2020 (SCI-Expanded)
- CXLI. **Magnetic dispersive solid phase extraction of lead(II) as dithizone chelates in food and environmental samples on Fe3O4@XAD-8 prior to its flame atomic absorption spectrometric detection**
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- CXLII. **A green and simple liquid-phase microextraction based on deep eutectic solvent for the erythrosine prior to its UV-VIS spectrophotometric detection**
Erbas Z., SOYLUK M.
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- CXLIII. **Deep Eutectic Solvent-Based Microextraction of Lead(II) Traces from Water and Aqueous Extracts before FAAS Measurements**
Habila M. A., AlMasoud N., Alomar T. S., AlOthman Z. A., YILMAZ E., SOYLUK M.
MOLECULES, cilt.25, sa.20, 2020 (SCI-Expanded)
- CXLIV. **Switchable-hydrophilicity solvent liquid-liquid microextraction**
Alshana U., Hassan M., Al-Nidawi M., YILMAZ E., SOYLUK M.
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- CXLV. **Pyrocatechol violet impregnated magnetic graphene oxide for magnetic solid phase microextraction of copper in water, black tea and diet supplements**
Ozkantar N., YILMAZ E., SOYLUK M., TÜZEN M.
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- CXLVI. **Metal organic frameworks enhanced dispersive solid phase microextraction of malathion before**

detection by UHPLC-MS/MS

Habila M., Alhenaki B., El-Marghany A., Sheikh M., Ghfar A., AOThman Z., SOYLUK M.

JOURNAL OF SEPARATION SCIENCE, cilt.43, sa.15, ss.3103-3109, 2020 (SCI-Expanded)

- CXLVII. **Ligandless reversed-phase switchable-hydrophilicity solvent liquid-liquid microextraction combined with flame-atomic absorption spectrometry for the determination of copper in oil samples**

Hassan M., Erbas Z., Alshana U., SOYLUK M.

MICROCHEMICAL JOURNAL, cilt.156, 2020 (SCI-Expanded)

- CXLVIII. **Solid-phase extraction of copper as 1-(2-pyridylazo)-2-naphthol (PAN) chelates on Coprinus atramentaria**

Erbas Z., Maulana R., YILMAZ E., Ozdemir S., Kilinc E., SOYLUK M.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.100, sa.9, ss.992-1003, 2020 (SCI-Expanded)

- CXIX. **Fabrication and characterization of SiO₂@Fe₃O₄@nanodiamonds for vortex-assisted magnetic solid-phase extraction of lead in cigarette samples prior to FAAS detection**

Saydan Kanberoglu G., YILMAZ E., SOYLUK M.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.17, sa.7, ss.1627-1634, 2020 (SCI-Expanded)

- CL. **Simple and sensitive determination of vitamin A and E in the milk and egg yolk samples by using dispersive solid phase extraction with newly synthesized polymeric material**

Köseoğlu K., ULUSOY H. İ., YILMAZ E., SOYLUK M.

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- CLI. **A new magnetized thermophilic bacteria to preconcentrate uranium and thorium from environmental samples through magnetic solid-phase extraction**

Ozdemir S., Kilinc E., Yalcin M. S., Soylak M., Sen F.

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, cilt.186, 2020 (SCI-Expanded)

- CLII. **Supramolecular solvent-based microextraction of Sudan Orange G at trace levels for its separation, preconcentration and spectrophotometric determination**

SOYLUK M., ÇELİK M., UZCAN F.

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- CLIII. **Phallus impudicus loaded with gamma-Fe₂O₃ as solid phase bioextractor for the preconcentrations of Zn(II) and Cr(III) from water and food samples**

Yalcin M. S., Kilinc E., ÖZDEMİR S., YÜKSEL U., SOYLUK M.

PROCESS BIOCHEMISTRY, cilt.92, ss.149-155, 2020 (SCI-Expanded)

- CLIV. **Silica Gel-Immobilized 5-aminoisophthalohydrazide: A novel sorbent for solid phase extraction of Cu, Zn and Pb from natural water samples**

Aydin F., ÇAKMAK R., LEVENT A., SOYLUK M.

APPLIED ORGANOMETALLIC CHEMISTRY, cilt.34, sa.4, 2020 (SCI-Expanded)

- CLV. **Determination of trace element contaminants in herbal teas using ICP-MS by different sample preparation method**

KILIÇ S., SOYLUK M.

JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, cilt.57, sa.3, ss.927-933, 2020 (SCI-Expanded)

- CLVI. **A novel deep eutectic solvent microextraction procedure for enrichment, separation and atomic absorption spectrometric determination of palladium at ultra-trace levels in environmental samples**

AOThman Z. A., Habila M. A., YILMAZ E., Alabdullkarem E. A., SOYLUK M.

MEASUREMENT, cilt.153, 2020 (SCI-Expanded)

- CLVII. **A novel ultrasonication-assisted deep eutectic solvent microextraction procedure for tartrazine at trace levels from environmental samples**

SOYLUK M., UZCAN F.

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- CLVIII. **Green synthesis of magnetic carbon nanodot/graphene oxide hybrid material (Fe₃O₄@C-nanodot@GO) for magnetic solid phase extraction of ibuprofen in human blood samples prior to**

- HPLC-DAD determination**
Yuvalı D., Narin İ., Soylak M., Yılmaz E.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, cilt.179, 2020 (SCI-Expanded)
- CLIX. Functionalized nanomaterials for sample preparation methods**
YILMAZ E., SOYLAK M.
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- CLX. Ultrasonic-assisted Supramolecular Solvent Liquid-liquid Microextraction for Inorganic Chromium Speciation in Water Samples and Determination by UV-Vis Spectrophotometry**
Ozkantar N., SOYLAK M., TÜZEN M.
ATOMIC SPECTROSCOPY, cilt.41, sa.1, ss.43-50, 2020 (SCI-Expanded)
- CLXI. Effect of antimonite mineralization area on heavy metal contents and geochemical fractions of agricultural soils in Gumushane Province, Turkey**
SUNGUR A., VURAL A., GÜNDÖĞDU A., SOYLAK M.
CATENA, cilt.184, 2020 (SCI-Expanded)
- CLXII. 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**
Aydın F., YILMAZ E., Ölmez E., SOYLAK M.
TALANTA, cilt.207, 2020 (SCI-Expanded)
- CLXIII. Multi-element determination in some foods and beverages using silica gel modified with 1-phenylthiosemicarbazide**
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- CLXVI. Fe₃O₄@SiO₂@Bacillus pumilis: magnetised solid phase bio-extractor for preconcentration of Pb(II) and Cu(II) from water samples**
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- CLXVIII. Separation, enrichment and spectrophotometric determination of erythrosine (E127) in drug, cosmetic and food samples by heat-induced homogeneous liquid-liquid microextraction method**
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- CCXIV. **Trace elements in blood samples of smoker and nonsmoker active pulmonary tuberculosis patients from Jamshoro, Pakistan**
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- CCXVI. **Innovative, simple and green ultrasound assisted-enzyme based hydrolytic microextraction method for manganese at trace levels in food samples**
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- MICROCHIMICA ACTA, cilt.184, sa.10, ss.3969-3976, 2017 (SCI-Expanded)
- CCXVIII. **Highly Simple Deep Eutectic Solvent Extraction of Manganese in Vegetable Samples Prior to Its ICP-OES Analysis**
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- CCXXI. **A Novel Selective Deep Eutectic Solvent Extraction Method for Versatile Determination of Copper in Sediment Samples by ICP-OES**
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- CCXXVIII. **Application of Supramolecular Microextraction and Flame Atomic Absorption Spectrometry for Ultra-trace Determination of Cadmium in Food and Water Samples**
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- CCXXIX. **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**
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- CCXXX. **A new separation and preconcentration method for selenium in some foods using modified silica gel with 2,6-diamino-4-phenil-1,3,5-triazine**
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- CCXXXI. **Switchable solvent based green liquid phase microextraction method for cobalt in tobacco and food samples prior to flame atomic absorption spectrometric determination**
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- CCXXXIII. **Tolerance and bioaccumulation of U(VI) by Bacillus mojavensis and its solid phase preconcentration by Bacillus mojavensis immobilized multiwalled carbon nanotube**
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- CCXXXV. **Determination of Au(III) and Pd(II) ions by flame atomic absorption spectrometry in some environmental samples after solid phase extraction**
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- CCXXXVI. **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)
- CCXXXVII. **Spectrophotometric determination of carmoisine after cloud point extraction using Triton X-114**
Karatepe A., Akalin C., SOYLUK M.
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- CCXXXVIII. **Supramolecular solvent microextraction of uranium at trace levels from water and soil samples**
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- CCXXXIX. **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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- CCXL. **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**
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- CCXLIV. **Insights into the chemical partitioning of trace metals in roadside and off-road agricultural soils along two major highways in Attica's region, Greece**
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- CCXLV. **Central composite design and genetic algorithm applied for the optimization of ultrasonic-assisted removal of malachite green by ZnO Nanorod-loaded activated carbon**
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- CCXLVII. **Ultrasonic suprarnolecular microextraction of nickel (II) as N,N '-Dihydroxy-1,2-cyclohexanediiimine chelates from water, tobacco and fertilizer samples before FAAS determination**
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- CCLII. **Supramolecular Solvent-based Microextraction of Copper at Trace Levels Before Determination by Microsampling Flame Atomic Absorption Spectrometry**
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- CCCXV. **Characterization of Heavy Metal Fractions in Agricultural Soils by Sequential Extraction Procedure: The Relationship Between Soil Properties and Heavy Metal Fractions**
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- Jalbani N., SOYLAK M.
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- Unsal Y. E., Tuzen M., SOYLAK M.
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- :CCXXXVI. **Spectrophotometric Detection of Rhodamine B after Separation-Enrichment by Using Multi-walled Carbon Nanotubes**
Unsal Y. E., SOYLUK M., Tuzen M.
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- CCCXLIII. **Fe₃O₄ Nanoparticles and Ultrasound Assisted Dispersive Liquid-liquid Microextraction of Lead(II) for its Microsampling Flame Atomic Absorption Spectrometric Determination in Food and Environmental Samples**
Habila M., Al-othman Z., SOYLUK M.
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Jalbani N., Alosmanov R. M., SOYLUK M.
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ÖZDEŞ D., gündoğdu a., Kemer B., DURAN C., Küçük M., SOYLUK M.
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SOYLAK M., Altin R.
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ŞAHMETLİOĞLU E., YILMAZ E., AKTAŞ E., SOYLAK M.
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Unsal Y. E., Tuzen M., SOYLAK M.
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Unsal Y. E., Tuzen M., SOYLAK M.
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- CCCLVIII. **Enrichment of Copper as 1-(2-Pyridylazo)-2-Naphthol Complex by the Combination of Dispersive Liquid-Liquid Microextraction/Flame Atomic Absorption Spectrometry**
Kandhro G. A., Soylak M., Kazi T. G., YILMAZ E.
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- CCCLIX. **MULTIVARIATE OPTIMIZATION OF PARAMETERS FOR THE DETERMINATION OF THORIUM IN ROCK SAMPLES BY CLOUD POINT EXTRACTION COUPLED TO UV-VISIBLE SPECTROPHOTOMETRY**
Jalbani N. B., SOYLAK M., Munshi A., Kazi T. G.
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YILMAZ E., SOYLAK M.
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YILMAZ E., SOYLAK M.
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- CCCLXII. **Separation and pre-concentration of palladium(II) from environmental and industrial samples by formation of a derivative of 1,2,4-triazole complex on Amberlite XAD-2010 resin**
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BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.156, ss.49-55, 2013 (SCI-Expanded)
- CCCLXIV. **Graphite furnace atomic absorption spectrometric detection of vanadium in water and food samples after solid phase extraction on multiwalled carbon nanotubes**
Wadhwa S. K., Tuzen M., Kazi T. G., SOYLAK M.
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- CCCLXV. Ionic liquid-linked dual magnetic microextraction of lead(II) from environmental samples prior to its micro-sampling flame atomic absorption spectrometric determination
YILMAZ E., SOYLAK M.
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- CCCLXVI. Copper, iron, and lead levels in fertilizer and water samples: separation and preconcentration on multiwalled carbon nanotubes
SOYLAK M., Sahinbas D. H.
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- CCCLXVII. A Dispersive Liquid-Liquid Microextraction Methodology for Copper(II) in Environmental Samples Prior to Determination Using Microsample Injection Flame Atomic Absorption Spectrometry
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- CCCLXVIII. Physicochemical characteristics of a novel activated carbon produced from tea industry waste
Gundogdu A., DURAN C., Senturk H. B., SOYLAK M., Imamoglu M., ÖNAL Y.
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SOYLAK M., Kizil N.
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- CCCLXXI. Solid-phase extraction of lead and copper on a polyhydroxybutyrate-b-polydimethyl siloxane (PHB-b-PDMS) block copolymer disc and flame atomic absorption spectrometric determination of them in water and food samples
Tuzen M., Unsal Y. E., SOYLAK M., Akkirman Z., Hazer B.
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- CCCLXXII. Development of a dispersive liquid-liquid microextraction combined with flame atomic absorption spectrometry using a microinjection system for the enrichment, separation, and determination of nickel in water samples
Al Othman Z. A., YILMAZ E., Habila M., SOYLAK M.
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- CCCLXXIII. Development of a New Solid Phase Extraction Procedure for Selective Separation and Enrichment of Au(III) Ions in Environmental Samples
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- CCCLXXIV. Dispersive Liquid-Liquid Microextraction and Microsample Injection Flame Atomic Absorption Spectrometry Combination for Copper (II)3-hydroxy-4-methyl- 2(3H)-thiazolethione Chelates
ALOthman Z. A., Habila M., YILMAZ E., SOYLAK M.
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- CCCLXXV. Dispersive Liquid-Liquid Microextraction and Microsample Injection Flame Atomic Absorption Spectrometry Combination for Copper(II)3-hydroxy-4-methyl-2 (3H) -thiazolethione Chelates
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ATOMIC SPECTROSCOPY, cilt.34, sa.5, ss.175-180, 2013 (SCI-Expanded)
- CCCLXXVI. A simple ligandless microextraction method based on ionic liquid for the determination of trace cadmium in water and biological samples
Khan S., SOYLAK M., Kazi T. G.
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- CCLXXVII. Silica chemically bonded N-propyl kryptofix 21 and 22 with immobilized palladium nanoparticles for

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Ghaedi M., Niknam K., Zamani S., Larki H. A., Roosta M., SOYLAK M.

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- :CLXXVIII. **Oxidized Multiwalled Carbon Nanotubes as Adsorbents for Kinetic and Equilibrium Study of Removal of 5-(4-Dimethyl Amino Benzylidene)Rhodanine**

ghaedi M., Ghobadzadeh P., Kokhdan S. N., SOYLAK M.

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- :CCCLXXIX. **Development of an extractive spectrophotometric method for uranium using MWCNTs as solid phase and arsenazo(III) as chromophore**

Shah F., SOYLAK M., Kazi T. G., Afridi H. I.

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- :CCCLXXX. **Ligandless temperature-controlled ionic liquid-phase microextraction of lead(II) ion prior to its determination by FAAS**

Allothman Z. A., YILMAZ E., Habila M., Shabaka A., SOYLAK M.

MICROCHIMICA ACTA, cilt.180, ss.669-674, 2013 (SCI-Expanded)

- :CCCLXXXI. **Separation-preconcentration of Cu, Cd, Pb and Ni in various water and food samples on Sepabeads SP-207**

Mendil D., Kiris T., Tuzen M., SOYLAK M.

INTERNATIONAL JOURNAL OF FOOD SCIENCE AND TECHNOLOGY, cilt.48, sa.6, ss.1201-1207, 2013 (SCI-Expanded)

- :CCLXXXII. **Flame atomic absorption spectrometric (FAAS) determination of copper, iron and zinc in food samples after solid-phase extraction on Schiff base-modified duolite XAD 761**

Ghaedi M., Mortazavi k., Montazerohori m., Shokrollahi A., SOYLAK M.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.33, sa.4, ss.2338-2344, 2013 (SCI-Expanded)

- :CLXXXIII. **Combination of flotation and flame atomic absorption spectrometry for determination, preconcentration and separation of trace amounts of metal ions in biological samples**

Ghaedi M., Niknam K., Kokhdan S. N., SOYLAK M.

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- :CLXXXIV. **Evaluation of Metal Concentrations in Food Packaging Materials: Relation to Human Health**

Duran A., Tuzen M., SOYLAK M.

ATOMIC SPECTROSCOPY, cilt.34, sa.3, ss.99-103, 2013 (SCI-Expanded)

- :CCLXXXV. **Cadmium and nickel determinations in some food and water samples by the combination of carrier element-free coprecipitation and flame atomic absorption spectrometry**

Bahadir Z., Ozdes D., bulut V. N., DURAN C., Elvan H., Bektas H., SOYLAK M.

TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, cilt.95, sa.5, ss.737-746, 2013 (SCI-Expanded)

- :CLXXXVI. **Silver nanoparticle loaded on activated carbon and activated carbon modified with 2-(4-isopropylbenzylideneamino)thiophenol (IPBATP) as new sorbents for trace metal ions enrichment**

Ghaedi M., Tashkhourian J., Montazerohori M., SOYLAK M.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.93, sa.4, ss.386-400, 2013 (SCI-Expanded)

- :CLXXXVII. **Solid-phase extraction of tartrazine on multiwalled carbon nanotubes for separation and enrichment**

SOYLAK M., CİHAN Z.

TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, cilt.95, sa.4, ss.559-566, 2013 (SCI-Expanded)

- :LXXXVIII. **Chemically bonded multiwalled carbon nanotubes as efficient material for solid phase extraction of some metal ions in food samples**

Ghaedi M., Montazerohori M., Biyareh M. N., Mortazavi K., Soylak M.

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- :CCLXXXIX. **Diaion HP-2MG modified with 2-(2,6-dichlorobenzylideneamino) benzenethiol as new adsorbent for**

- solid phase extraction and flame atomic absorption spectrometric determination of metal ions**
Ghaedi M., Montazerzohori M., Haghdoost S., Zaare F., SOYLUK M.
HUMAN & EXPERIMENTAL TOXICOLOGY, cilt.32, sa.4, ss.371-378, 2013 (SCI-Expanded)
- CCCXC.** **Selective speciation of inorganic antimony on tetraethylenepentamine bonded silica gel column and its determination by graphite furnace atomic absorption spectrometry**
Mendil D., Bardak H., Tuzen M., SOYLUK M.
TALANTA, cilt.107, ss.162-166, 2013 (SCI-Expanded)
- CCCXCII.** **Heavy metal contents of organically produced, harvested, and dried fruit samples from Kayseri, Turkey**
SOYLUK M., CİHAN Z., YILMAZ E.
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.185, sa.3, ss.2577-2583, 2013 (SCI-Expanded)
- CCCXCII.** **Determination of Pb(II), Zn(II), Cd(II), and Co(II) ions by flame atomic absorption spectrometry in food and water samples after preconcentration by coprecipitation with Mo(VI)-diethyldithiocarbamate**
Tufekci M., bulut V. N., Elvan H., Ozdes D., SOYLUK M., DURAN C.
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- CCCXCIII.** **DETERMINATION OF PALLADIUM IN ANODIC SLIME AND WASTE WATERS BY FLAME AAS AFTER PRECONCENTRATION SEPARATION**
SOYLUK M., Altin R.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.22, sa.10, ss.2896-2900, 2013 (SCI-Expanded)
- CCCXCIV.** **Preconcentration of lead from aqueous solution with activated carbon cloth prior to analysis by flame atomic absorption spectrometry: a multivariate study**
Shah F., SOYLUK M., Kazi T. G., Afridi H. I.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, cilt.28, sa.4, ss.601-605, 2013 (SCI-Expanded)
- CCCXCV.** **PHYSICAL MODIFICATION OF PALLADIUM AND SILVER NANOPARTICLES LOADED ON ACTIVATED CARBON WITH 2-(2-NITROBENZYLIDENEAMINO)THIOPHENOL TO PRECONCENTRATE AND SEPARATE METAL IONS FROM FOOD SAMPLES**
Ghaedi M., Montazerzohori M., Heidarpour S., Noormohamadi H. R., Asghari A., SOYLUK M.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.22, ss.3343-3351, 2013 (SCI-Expanded)
- CCCXCVI.** **TRACE ELEMENT CONTENTS OF RAISINS, GRAPES AND SOIL SAMPLES FROM İNCESU-KAYSERİ, TURKEY**
Unsal Y. E., YILMAZ E., SOYLUK M., Tuzen M.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.22, sa.5, ss.1441-1445, 2013 (SCI-Expanded)
- CCCXCVII.** **Pressure-assisted ionic liquid dispersive microextraction of vanadium coupled with electrothermal atomic absorption spectrometry**
Naeemullah N., Tuzen M., Kazi T. G., Citak D., SOYLUK M.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, cilt.28, sa.9, ss.1441-1445, 2013 (SCI-Expanded)
- CCCXCVIII.** **Ionic Liquid-based Method for Microextraction/Enrichment of Gold from Real Samples and Determination by Flame Atomic Absorption Spectrometry**
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Tuzen M., SOYLUK M.

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- DLVIII. Chromium speciation by solid phase extraction on Dowex M 4195 chelating resin and determination by atomic absorption spectrometry**
- Saygi K. O., Tuzen M., SOYLUK M., Elci L.
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- DLIX. Multivariate analysis of heavy metal contents of sediments from Gümüşler creek, Nigde, Turkey**
- Yalcin M. G., NARİN I., SOYLUK M.
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- DLXI. Bacillus Thuringiensis Israelensis -Immobilized on Chromosorb 101: A New Solid Phase Extractor for Preconcentration of Heavy Metal Ions in Environmental Samples**
- Mendil D., TÜZEN M., usta c., SOYLUK M.
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- DLXIX. Biosorption of Pb(II) and Cr(III) from Aqueous Solution by Lichen (*Parmelia tiliaceae*) Biomass**
- uluözlü o., SARI A., TÜZEN M., SOYLUK M.

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ELÇİ L., Sahran D., Basaran A., Soylak M.
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TÜZEN M., Soylak M.
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- DXCV. **Separation/preconcentration of silver(I) and lead(II) in environmental samples on cellulose nitrate membrane filter prior to their flame atomic absorption spectrometric determinations**
Soylak M., CAY R. S.
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- Bulut V. N., gündoğdu a., Duran C., ŞENTÜRK H. B., SOYLAK M., ELÇİ L., Tüfekci M.
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- TÜZEN M., Sesli E., Soylak M.
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- Sari A., TÜZEN M., Soylak M.
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- DCIII. Cr(VI) and Cr(III) speciation on Bacillus sphaericus loaded diaion SP-850 resin**
- TÜZEN M., Uluozlu O. D., Soylak M.
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- Uluozlu O. D., Kinalioglu K., TÜZEN M., Soylak M.
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- Peker D. S. K., TÜRKÖĞLU O., Soylak M.
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- Bulut V. N., DURAN C., Tüfekci M., ELÇİ L., Soylak M.
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- Aydin F. A., Soylak M.
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- DCX. Solid phase extraction method for selective determination of Pb(II) in water samples using 4-(4-methoxybenzylidenimine) thiophenole**
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- DCXIV. **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**
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TÜZEN M., saygi K. O., Soylak M.
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- DCXVI. **Biosorption of copper(II), lead(II), iron(III) and cobalt(II) on *Bacillus sphaericus*-loaded Diaion SP-850 resin**
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tüzen M., Soylak M.
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- DCXVIII. **Evaluation of trace element contents in canned foods marketed from Turkey**
Tuzen M., Soylak M.
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Uluozlu O. D., TÜZEN M., Mendil D., Soylak M.
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Sari A., Soylak M.
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TUZEN M., Silici S., mendil d., SOYLAK M.
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Ghaedi M., Parham H., Moghadam M., Mortazavi K., Soylak M.
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- DCXXIX. Flame atomic absorption spectrometric determination of cadmium(II) and lead(II) after their solid phase extraction as dibenzylidithiocarbamate chelates on Dowex Optipore V-493
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Soylak M., Onal G.
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TÜZEN M., SOYLUK M.
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TÜZEN M., Melek E., Soylak M.
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- CLXII. **Bazı Gıda Örneklerinde Brillant Blue, Karmin Ve Tartrazin Boyalarının Zenginleştirilmesi Ve Uv-Vis Spektrofotometre İle Tayini**

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- CLXIII. **Aktif Karbon Kumaşı Kullanılarak Eser Düzeydeki İridyum'un Zenginleştirilmesi**

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- CLXIV. **Eser Düzeydeki Kurşun'un Zenginleştirilmesi İçin Aktif Karbon Kumaşının Kullanımı**

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- CLXVI. **Saç örneklerinde bulunan kurşun'un zenginleştirilmesi ve tayini için iyonik sıvı mikroekstraksiyon-alevli atomik absorpsiyon spektroskopisi kombinasyonu**

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- CLXX. **Enrichment and Determination Of Cadmium And Copper In Biological Samples Followed By Room Temperature Ionic Liquid Microextraction With Flame Atomic Absorption Spectrometry**
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