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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

Lisans, Erciyes Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, Türkiye 1984 - 1988

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

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

Yüksek Lisans, KAYSERİ ÇİVARINDAKİ 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. **A novel nanomotor (ZIF-L(Co)/WSe₂ nanocomposite) for nanomotor motion-based dispersive micro-solid phase extraction (NM-d- μ SPE) of gold and palladium**
Hassan Ahmed H. E., SOYLAK M.
Talanta, cilt.293, 2025 (SCI-Expanded)
- II. **Various eco-friendly and green approaches in thin film microextraction techniques for sample analysis – a review**
Khan W. A., Arain M. B., Shahzad S., SOYLAK M.
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- III. **MnO₂ nanowires as an effective and nano sorbent for dispersive micro solid phase extraction of copper from food and water samples**
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- IV. **Dispersive solid phase microextraction of cadmium at trace levels on Cu₂O nanocubes from food and water samples prior to its FAAS detection**
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- V. **Determination of copper (II) in seafood and water samples by ICP-OES using magnetic titanium aluminum carbide nanocomposite for solid phase microextraction**
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- VI. **Dispersive solid-phase microextraction of Cd(II) using CaFe layer double hydroxide with g-C₃N₄ nanocomposite from food and environmental samples**
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- VII. **Syringe filter-based solid-phase extraction of metronidazole in milk and seafood using cigarette butt-derived activated carbon decorated with CoMnFe₂O₄ nanoparticles**
Shirani M., SALAMAT Q., Amirani Poor M., Nejad H. M., SOYLAK M.
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- VIII. **Green synthesis of a CoNiFe-MOF in octylamine-succinic acid deep eutectic solvent for lead microextraction from water and brewed tea samples**
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- IX. **Introduction of a novel graphene oxide-based nickel nanoflowers for ultrasound-assisted dispersive solid phase extraction of natamycin from dairy products**
Shirani M., Sepahi S., ÖZALP Ö., SOYLAK M.
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- X. **Microwave Synthesis of Ag@MoS₂ in NADES medium for the Dispersive Micro Solid Phase Extraction of Atrazine in environmental samples**
UZCAN F., SOYLAK M.
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- XI. **Advanced CuMnCr-LDH modified glassy carbon electrode for simultaneous electrochemical quantification of cabotegravir and paracetamol in biological and pharmaceutical samples**
Bouali W., Genc A. A., ERK N., Ahmed H. E. H., SOYLAK M.
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- XII. **Simultaneous voltammetric determination of dopamine and uric acid using screen printed carbon**

electrode modified with quercetin functionalized-iron oxide nanoparticles

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- XIII. **A very simple and sensitive pelargonic acid based liquid phase microextraction of erythrosine from food and water samples**
UZCAN F., Joldybayeva S., Akimbek A., Rafikova K., Jamalova G., SOYLAK M.
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- XIV. **Ni-Co MOF/ Zn-NTA nanoflowers as adsorbent for dispersive solid phase microextraction of triazole fungicides in water and fruit juice samples before their HPLC-DAD detection**
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- XV. **Synthesis and characterization of NiO nanoflower for dispersive micro solid phase extraction of zinc from water and food samples**
Topaloğlu D., UZCAN F., Kizil N., Beydagi B. B., Erbilgin D. E., Basaran E., Yola M. L., SOYLAK M.
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- XVI. **Deep eutectic solvent-functionalized metal-organic frameworks in sorptive extraction techniques and their applications – A review**
Khan W. A., Arain M. B., Balal S., Mollahosseini A., SOYLAK M.
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- XVII. **Novel green synthesis of Al-Fe₃O₄ nanocomposite for magnetic d-μSPE of Cd(II) from water and food samples**
Ahmed H. E. H., Konneh M., SOYLAK M.
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- XVIII. **Layered triple hydroxide (NiCoFe-LTH) with g-C₃N₄ hybrid nanocomposite as an adsorbent for Pb(II) extraction**
Arain M. B., SOYLAK M.
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- XIX. **Eco-friendly synthesis of CuO/g-C₃N₄/Fe₃O₄ nanocomposites for efficient magnetic micro-solid phase extraction (M-μ-SPE) of trace cadmium from food and water samples**
Ahmed H. E. H., Güy N., SOYLAK M.
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- XX. **Highly sensitive electrochemical determination of cariprazine using a novel Ti₃C₂@CoAl₂O₄ nanocomposite: application to pharmaceutical and biological sample analysis**
Öven E. N., Genc A. A., ERK N., Bouali W., SALAMAT Q., SOYLAK M.
Microchimica Acta, cilt.192, sa.4, 2025 (SCI-Expanded)
- XXI. **Innovative ferrofluid-based vortex-assisted dispersive liquid-liquid microextraction of cadmium and nickel using novel and natural hydrophobic deep eutectic solvent and 2-methylimidazole-coated magnetic nanoparticles**
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- XXII. **Highly sensitive and efficient voltammetric method for the determination of 4-aminophenol in paracetamol tablet and urine samples using screen printed carbon electrode modified with humic acid functionalized iron oxide nanoparticles**
Niaz A., Arain M. B., SOYLAK M.
Inorganic Chemistry Communications, cilt.174, 2025 (SCI-Expanded)
- XXIII. **Electrochemical detection of riociguat using COF-PTA@CuCoFe-LDH modified glassy carbon electrode: A novel approach for pharmaceutical and biological analysis**
Özata Ç. A., ERK N., Bouali W., Genc A. A., Hassan Ahmed H. E., Matin A. A., SOYLAK M.
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- XXIV. **Colorimetric insights: Harnessing silver-doped graphitic carbon nitride for uric acid detection**
Khan N., Afridi S., SOYLAK M., Asad M., Khan M., Shah M., Khan N., Ullah R., Ali E. A., Sun W., et al.

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- XXV. **Fabrication of a Novel MIL-88A@ZnCoFe LDH Composite for the Sensitive Detection of Anticancer Drug Regorafenib in Biological and Pharmaceutical Samples**
ERK N., Özata Ç. A., Bouali W., Genc A. A., Ahmed H. E. H., SALAMAT Q., SOYLAK M.
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- XXVI. **Activated carbon cloth with MnCoAl layer double hydroxide nanocomposite for the separation and preconcentration of Pb(II) and Ni(II) from food samples**
Arain M. B., SOYLAK M.
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- XXVII. **Deep eutectic solvent-based ferrofluids: Synthesis strategies, characteristics, and applications for trace analytes extraction**
SALAMAT Q., Brandão J. P. C., de Freitas Santos Junior A., SOYLAK M.
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- XXVIII. **Switchable solvent-based liquid phase microextraction of Sudan dyes in food and water samples with HPLC-DAD**
Ahmed H. E. H., GÜMÜŞ Z. P., SOYLAK M.
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- XXIX. **A facile adsorbent using graphitic carbon nitride with silver and nickel (Ag/Ni@g-C₃N₄ nanocomposites) for Pb(II) extraction**
Arain M. B., Niaz A., SOYLAK M.
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- XXX. **Spinel nanomaterials and their composites as extractors and sensors for heavy metals and other pollutants**
Hassan Ahmed H. E., SOYLAK M.
TrAC - Trends in Analytical Chemistry, cilt.184, 2025 (SCI-Expanded)
- XXXI. **Separation and enrichment of Cd and Pb from food and water samples based on a graphene oxide-decorated poly 2-diethylaminoethyl methacrylate nanocomposite by dispersive micro-solid phase extraction (d- μ -SPE)**
Ahmed H. E. H., Aliyev E., Alosmanov R., SOYLAK M.
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- XXXII. **Octylamine-oxalic acid (Oct-Oxa) deep eutectic solvent for the separation of Sudan II from food samples**
SOYLAK M., Ahmed H. E. H., Konneh M.
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- XXXIII. **Synthesis of magnetic multi-walled carbon nanotubes with layered double hydroxide (M-MWCNTs@MnAl-LDH) nanocomposite as an adsorbent for lead extraction**
Arain M. B., SOYLAK M.
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- XXXIV. **Smartphone Colorimetric Determination of Carbofuran on a Molecularly Imprinted Polymer by an Azo Coupling Reaction**
Hashemi-Moghaddam H., Bora E., SOYLAK M.
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- XXXV. **Comparative study for separation, preconcentration and determination of some trace elements using flame atomic absorption spectrometry by magnetic methacrylamide/divinylbenzene and magnetic methacrylamide/divinylbenzene graphene oxide composites**
BOZDAĞ A., ŞAHMETLİOĞLU E., SOYLAK M., NARİN İ.
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- XXXVI. **Recent developments and applications of artificial intelligence in solid/liquid extraction studies**
SALAMAT Q., GÜMÜŞ Z. P., SOYLAK M.
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- XXXVII. **Eco-Friendly and Green Biochar Sorbent-Extraction Techniques for Pharmaceuticals, Environmental,**

and Food Analysis—A Review

Khan W. A., Arain M. B., Balal S., Niaz A., Mollahosseini A., SOYLAK M.

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- XXXVIII. **Choline Chloride-Glucose Natural Deep Eutectic Solvent Impregnated Graphene Oxide for the Dispersive Solid Phase Microextraction of Cadmium(II)**
ÖZALP Ö., Kori A. H., SOYLAK M.
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- XXXIX. **Green sample preparation techniques for trace analysis of organic species in cosmetic and Personal Care Products**
SALAMAT Q., Özen M. B., SOYLAK M.
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- XL. **A novel deep eutectic solvent based on oleic acid and betaine hydrochloride for liquid-phase microextraction of Sudan IV from water and food samples**
SOYLAK M., Çoban A. N., Ahmed H. E. H.
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- XLI. **Simple Deep Eutectic Solvent-Based Liquid Phase Microextraction for Sudan IV from Food, Water, and Cosmetics**
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- XLII. **Milk-Derived Carbon Nanodots for Dispersive Micro-Solid Phase Extraction of Copper at Trace Levels from Vegetable Samples**
UZCAN F., SOYLAK M.
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- XLIII. **Structural characteristics of phosphorylated cotton prepared by gas-phase procedure**
Buniyat-zadeh I., SOYLAK M., Aliyeva S., Binnetova N., Guliyeva N., Turp S., Alosmanov R.
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- XLIV. **Supramolecular Solvent-Based Liquid-Liquid Microextraction and Preconcentration of Rhodamine B, Methyl Violet, and Eriochrome Black T in Water, Cosmetics, and Food with Spectrophotometric Quantification**
Rafique Khattak S., Badshah A., Asghar B., Sun W., Ullah R., Iqbal Z., Nishan U., Khan M., SOYLAK M.
Analytical Letters, cilt.58, sa.9, ss.1506-1518, 2025 (SCI-Expanded)
- XLV. **Preconcentration and Determination of Mn(II) in Water and Tea by Switchable Hydrophilicity Solvent-Based Liquid Phase Microextraction (SHS-LPME) and Flame Atomic Absorption Spectrometry (FAAS)**
Javed Q., Khan W. A., Shah N., Arain M. B., SOYLAK M.
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- XLVI. **Manganese oxide-doped graphitic carbon nitride-based 2D material as nanozyme for the colorimetric sensing of ascorbic acid**
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- XLVII. **Synthesis of a bimetal-organic framework-cobalt oxide nanoflowers (Ni/Co-MOF@Co₃O₄ NFs) for sensitive tebuconazole extraction from fruit juice and water samples using micro-solid phase extraction-HPLC-DAD**
Elzain Hassan Ahmed H., SOYLAK M.
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- XLVIII. **Green electrochemical sensor for selective determination of anticancer drug Ribociclib based on banana peel activated carbon/CuCoFe-MOF/CoFe₂O₄ modified carbon paste electrode in pharmaceutical and biological samples**
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- XLIX. **Exploring the potential of carbon quantum dots (CQDs) as an advanced nanomaterial for effective**

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Hassan Ahmed H. E., SOYLAK M.

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- L. **Integrating Mo₂C/C as cocatalyst into S-scheme Mo₂C/C/Co_{0.5}Cd_{0.5}S heterojunction with spatial photocarrier separation for photocatalytic synergistic H₂ evolution**
Güy N., Atacan K., Göktaş O., SOYLAK M.
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- LI. **Deep eutectic solvent-based sonication assisted dispersive liquid-liquid microextraction using Box-Behnken optimization for the determination of patent blue V in food and drug samples**
Demir A., FESLİYAN S., ALTUNAY N., Soylak M.
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- LII. **Magnetic dispersive solid phase microextraction of cadmium on Fe₃O₄@MIL-53-(Fe)@Ti₃AlC₂ from edible offal and water samples**
Uzcan F., Soylak M.
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- LIIL. **The usability of green deep eutectic solvents in hollow fiber Liquid-Phase microextraction for the simultaneous extraction of analytes of different Natures: A comprehensive study**
SOYLAK M., SALAMAT Q., Sajjad S.
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- LIV. **A novel magnetized bio-solid phase extractor for the preconcentrations of Hg(II), Ni(II) and Zn(II) from foods**
Yalçın M. S., Özdemir S., Kılınç E., SOYLAK M.
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- LV. **Dispersive-solid phase extraction of diniconazole from water and fruit juice samples using MnCoCu-LDHs@MOF-235 nanocomposite**
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- LVI. **Reduced graphene oxide decorated NiCo₂(OH)₆ nanoflowers for vortexed assisted dispersive μ -solid-phase extraction of organophosphorus pesticides in baby food cereal, rice and wheat flour**
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- LVII. **Metal-organic framework nanosheets (MONs) a breakthrough in separation and pre-concentration technique: A review**
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- LVIII. **Glassy carbon electrodes modified with graphitic carbon nitride nanosheets and CoNiO₂ bimetallic oxide nanoparticles as electrochemical sensor for Sunitinib detection in human fluid matrices and pharmaceutical samples**
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- LIX. **Modified and hyphenated electromembrane extraction techniques and their applications for food analysis**
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- LX. **Dispersive micro-solid phase extraction (D- μ SPE) of nickel on activated nanodiamonds@Bi₂WO₆ nanocomposite from water and food samples**
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- LXI. **Magnetic Rubber@Ni-Co layered double hydroxide derived from ZIF-67 template as nanostructured sorbent; application in determination of anticancer drugs in plasma samples**
Riazi Bonab H., Abbas Matin A., Heidari H., SOYLAK M.

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- LXII. **An Ultrasensitive Electrochemical Sensor Using Banana Peel Activated Carbon/NiFe₂O₄/MnCoFe-LDH Nanocomposites for Anticancer Drug Determination**
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- LXIII. **Micro solid phase extraction of lead and cadmium using functionalized nanodiamonds@CuAl₂O₄@HKUST-1 nanocomposite for FAAS analysis in food and water samples**
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- LXIV. **MWCNT@TiSiO₄ nanocomposite for dispersive solid phase extraction of traces cadmium in food and environmental samples**
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- LXV. **Zn-doped MoO₃ nanorods for dispersive solid phase extraction of trace Pb(II) from water and food samples**
UZCAN F., Kori A. H., SOYLAK M.
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- LXVI. **Supramolecular solvent-based liquid-liquid microextraction (SUPRAS-LLME) of Sudan dyes from food and water samples with HPLC**
Ahmed H. E. H., Kori A. H., GÜMÜŞ Z. P., SOYLAK M.
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- LXVII. **Green sorbents for the solid phase extraction of trace species**
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- LXVIII. **Electrochemical Detection of Melphalan in Biological Fluids Using a g-C₃N₄@ND-COOH@MoSe₂ Modified Electrode Complemented by Molecular Docking Studies with Cellular Tumor Antigen P53**
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- LXIX. **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**
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- LXX. **Micro-solid phase extraction of lead (II) on ionic liquid impregnated Sepabeads SP70 resin (IL-SP70) in water and food samples**
Duman S., Soylak M.
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- LXXI. **Sensitive determination of iodide at graphitic carbon nitride-chitosan composite modified screen-printed electrode in urine and salt using cathodic stripping voltammetry**
Niaz A., Balal Arain M., SOYLAK M.
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- LXXII. **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., SOYLAK M.
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- LXXIII. **Solid phase microextraction of rhodamine B in cosmetic samples using ZnS@GO@WMCNTs Nanocomposite with Spectrophotometric Detection**
Duman S., YILMAZ E., SOYLAK M.
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- LXXIV. **Maximizing detection sensitivity of levofloxacin and tryptophan in dairy products: a carbon-based**

electrochemical sensor incorporating Ti3AlC2 MAX phase and activated nanodiamonds

Kholafazadehastamal G., KHAN M., SOYLAK M., ERK N.

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- LXXV. **Novel magnetic deep eutectic solvent/Zn-MOF composite for extraction of Carmoisine from water and food samples**
SALAMAT Q., SOYLAK M.
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- LXXVI. **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., SOYLAK M.
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- LXXVII. **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., Göktaş O., SOYLAK M.
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- LXXVIII. **Inductively coupled plasma-mass spectrometry (ICP-MS) detection of trace metal contents of children cosmetics**
KÖPRÜ S., SOYLAK M.
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- LXXIX. **Magnetic covalent organic frameworks-based adsorbents in solid phase extraction of trace analytes in environmental samples**
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- LXXX. **Assessment of metal contents from halal-certified cosmetics by using inductively coupled plasma-mass spectrometry (ICP-MS)**
Gürmen K., Şahin U., Soylak M.
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- LXXXI. **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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- LXXXII. **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., SOYLAK M.
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- LXXXIII. **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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- CLXVIII. **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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- CLXIX. **Preconcentrations of Zn(II) and Hg(II) in Environmental and Food Samples by SPE on B. licheniformis Loaded Amberlite XAD-4**
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- CLXX. **Electrochemical immunosensor for rapid and highly sensitive detection of SARS-CoV-2 antigen in the nasal sample**
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- CLXXI. **Dual-response electrochemical electrode for sensitive monitoring of topotecan and mitomycin as anticancer drugs in real samples**
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- CLXXII. **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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- CLXXIII. **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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- CLXXIV. **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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- CLXXV. **Advanced Methodologies for Trace Elements in Edible Oil Samples: A Review**
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- CLXXVI. **Assessment of environmental pollutants at trace levels using ionic liquids-based liquid-phase microextraction**
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- CLXXVII. **Ultrasound assisted deep eutectic solvent based liquid phase microextraction for the preconcentration and spectrophotometric determination of amaranth (E123) in water and food samples**
SOYLAK M., Baran S., UZCAN F.
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- CLXXVIII. **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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- CLXXIX. **Cadmium selenide and carbon nanodots modified magnetite nanospheres for the magnetic solid-phase extraction (MSPE) of malachite green prior to spectrophotometric determination**
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ÖZDEMİR S., Kilinc E., Acer O., SOYLAK M.

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

- CLXXXIV. **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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- CLXXXV. **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)

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

GÜMÜŞ Z. P., SOYLAK M.

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- CLXXXVII. **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)

- CLXXXVIII. **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., SOYLAK M.

Talanta, cilt.230, 2021 (SCI-Expanded)

- CLXXXIX. **The Determination of Toxic Metals in some Traditional Cosmetic Products and Health Risk Assessment**

Kilic S., KILIÇ M., SOYLAK M.

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

- CXC. **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)

- CXCI. **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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- CXCII. **Development of Armillae mellea immobilized nanodiamond for the preconcentrations of Cr(III), Hg(II) and Zn(II)**

ÖZDEMİR S., KILINÇ E., ŞEN F., SOYLAK M.

ANALYTICAL BIOCHEMISTRY, cilt.617, 2021 (SCI-Expanded)

- CXCIII. **Electrocatalytic evaluation of graphene oxide warped tetragonal t-lanthanum vanadate (GO@LaV₀₄) nanocomposites for the voltammetric detection of antifungal and antiprotozoal drug (clioquinol)**

Maheshwaran S., Akilarasan M., Chen T., Chen S., Tamilalagan E., Jiang T., Alabdulkarem E. A., SOYLAK M.

MICROCHIMICA ACTA, cilt.188, sa.3, 2021 (SCI-Expanded)

- CXCIV. **Magnetic nanomaterials for the removal, separation and preconcentration of organic and inorganic pollutants at trace levels and their practical applications: A review**

SOYLAK M., ÖZALP Ö., UZCAN F.

TRENDS IN ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.29, 2021 (SCI-Expanded)

- CXCV. **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**

SOYLAK M., Agirbas M., YILMAZ E.

Food Chemistry, cilt.338, 2021 (SCI-Expanded)

- CXCVI. **A new method for the preconcentrations of U(VI) and Th(IV) by magnetized thermophilic bacteria as a novel biosorbent**

Kilinc E., ÖZDEMİR S., Yalcin M. S., SOYLAK M.

ANALYTICAL AND BIOANALYTICAL CHEMISTRY, cilt.413, sa.4, ss.1107-1116, 2021 (SCI-Expanded)

- CXCVII. **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.

CATENA, cilt.197, 2021 (SCI-Expanded)

- CXCVIII. **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**

Yuvalı D., Seyhaneyildizi M., Soyak M., Narin İ., Yılmaz E.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.244, 2021 (SCI-Expanded)

- CXCIX. **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)

- CC. **Supramolecular solvents: a review of a modern innovation in liquid-phase microextraction technique**

JAGIRANI M. S., SOYLAK M.

TURKISH JOURNAL OF CHEMISTRY, cilt.45, ss.1651-1677, 2021 (SCI-Expanded)

- CCI. **Application of cherry laurel seeds activated carbon as a new adsorbent for Cr(VI) removal**

ÖZTÜRK N., YAZAR M., GÜNDOĞDU A., DURAN C., Senturk H. B., SOYLAK M.

MEMBRANE AND WATER TREATMENT, cilt.12, sa.1, ss.11-21, 2021 (SCI-Expanded)

- CCII. **Ultrasound assisted supramolecular liquid phase microextraction procedure for Sudan I at trace level in environmental samples**

SOYLAK M., ÖZALP Ö., UZCAN F.

TURKISH JOURNAL OF CHEMISTRY, cilt.45, sa.5, ss.1327-1335, 2021 (SCI-Expanded)

- CCIII. **A review: Recent advances in solid phase microextraction of toxic pollutants using nanotechnology scenario**

JAGIRANI M. S., SOYLAK M.

MICROCHEMICAL JOURNAL, cilt.159, 2020 (SCI-Expanded)

- CCIV. **Ultrasound-assisted magnetic solid phase microextraction of patent blue V on magnetic multiwalled carbon nanotubes prior to its spectrophotometric determination**

Duman S., Erbas Z., SOYLAK M.

MICROCHEMICAL JOURNAL, cilt.159, 2020 (SCI-Expanded)

- CCV. **An environmentally friendly and novel amine-based liquid phase microextraction of quercetin in food samples prior to its determination by UV-vis spectrophotometry**

Soylak M., Ozdemir B., Yilmaz E.

SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.243, 2020 (SCI-Expanded)

- CCVI. **Nano-clay as a solid phase microextractor of copper, cadmium and lead for ultra-trace quantification by ICP-MS**

AlMasoud N., Habila M. A., Alothman Z. A., Alomar T. S., Alraqibah N., Sheikh M., Ghfar A. A., SOYLAK M.

ANALYTICAL METHODS, cilt.12, sa.41, ss.4949-4955, 2020 (SCI-Expanded)

- CCVII. **Nanomaterials-based solid phase extraction and solid phase microextraction for heavy metals food toxicity**

Khan W. A., Arain M. B., SOYLAK M.

FOOD AND CHEMICAL TOXICOLOGY, cilt.145, 2020 (SCI-Expanded)

- CCVIII. **A green and simple liquid-phase microextraction based on deep eutectic solvent for the erythrosine prior to its UV-VIS spectrophotometric detection**
Erbaş Z., SOYLAK M.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.17, sa.10, ss.2675-2681, 2020 (SCI-Expanded)
- CCIX. **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**
UZCAN F., Shah S. N., SOYLAK M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2020 (SCI-Expanded)
- CCX. **Switchable-hydrophilicity solvent liquid-liquid microextraction**
Alshana U., Hassan M., Al-Nidawi M., YILMAZ E., SOYLAK M.
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, cilt.131, 2020 (SCI-Expanded)
- CCXI. **Deep Eutectic Solvent-Based Microextraction of Lead(II) Traces from Water and Aqueous Extracts before FAAS Measurements**
Habib M. A., AlMasoud N., Alomar T. S., AlOthman Z. A., YILMAZ E., SOYLAK M.
MOLECULES, cilt.25, sa.20, 2020 (SCI-Expanded)
- CCXII. **Pyrocatechol violet impregnated magnetic graphene oxide for magnetic solid phase microextraction of copper in water, black tea and diet supplements**
Özkantar N., YILMAZ E., SOYLAK M., TÜZEN M.
FOOD CHEMISTRY, cilt.321, 2020 (SCI-Expanded)
- CCXIII. **Metal organic frameworks enhanced dispersive solid phase microextraction of malathion before detection by UHPLC-MS/MS**
Habib M., Alhenaki B., El-Marghany A., Sheikh M., Ghfar A., AlOthman Z., SOYLAK M.
JOURNAL OF SEPARATION SCIENCE, cilt.43, sa.15, ss.3103-3109, 2020 (SCI-Expanded)
- CCXIV. **A new magnetized thermophilic bacteria to preconcentrate uranium and thorium from environmental samples through magnetic solid-phase extraction**
Özdemir S., Kılınç E., Yalçın M. S., Soyak M., Sen F.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, cilt.186, 2020 (SCI-Expanded)
- CCXV. **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., Erbaş Z., Alshana U., SOYLAK M.
MICROCHEMICAL JOURNAL, cilt.156, 2020 (SCI-Expanded)
- CCXVI. **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., SOYLAK M.
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, cilt.90, 2020 (SCI-Expanded)
- CCXVII. **Solid-phase extraction of copper as 1-(2-pyridylazo)-2-naphthol (PAN) chelates on *Coprinus atramentaria***
Erbaş Z., Maulana R., YILMAZ E., Özdemir S., Kılınç E., SOYLAK M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.100, sa.9, ss.992-1003, 2020 (SCI-Expanded)
- CCXVIII. **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., SOYLAK M.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.17, sa.7, ss.1627-1634, 2020 (SCI-Expanded)
- CCXIX. **Supramolecular solvent-based microextraction of Sudan Orange G at trace levels for its separation, preconcentration and spectrophotometric determination**
SOYLAK M., ÇELİK M., UZCAN F.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.100, sa.8, ss.935-944, 2020 (SCI-Expanded)
- CCXX. **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., SOYLAK M.

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

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

Aydın F., ÇAKMAK R., LEVENT A., SOYLAK M.

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

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

KILIÇ S., SOYLAK M.

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

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

ALOTHMAN Z. A., HABILA M. A., YILMAZ E., ALABDULLKAREM E. A., SOYLAK M.

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

CCXXIV. 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)

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

SOYLAK M., UZCAN F.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.17, sa.2, ss.461-467, 2020 (SCI-Expanded)

CCXXVI. Effect of antimonite mineralization area on heavy metal contents and geochemical fractions of agricultural soils in Gumushane Province, Turkey

SUNGUR A., VURAL A., GÜNDOĞDU A., SOYLAK M.

CATENA, cilt.184, 2020 (SCI-Expanded)

CCXXVII. 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)

CCXXVIII. Functionalized nanomaterials for sample preparation methods

YILMAZ E., SOYLAK M.

HANDBOOK OF NANOMATERIALS IN ANALYTICAL CHEMISTRY: MODERN TRENDS IN ANALYSIS, ss.375-413, 2020 (SCI-Expanded)

CCXXIX. 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)

CCXXX. Multi-element determination in some foods and beverages using silica gel modified with 1-phenylthiosemicarbazide

Mendil D., Uluozlu O. D., Tuzen M., SOYLAK M.

FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & RISK ASSESSMENT, cilt.36, sa.11, ss.1667-1676, 2019 (SCI-Expanded)

CCXXXI. Trace determination of vitamin B12 in food samples by using Fe₃O₄ magnetic particles including multi-walled carbon nanotubes and nanodiamonds

ULUSOY H. İ., GÜLLE S., YILMAZ E., SOYLAK M.

Analytical Methods, cilt.11, sa.40, ss.5108-5117, 2019 (SCI-Expanded)

CCXXXII. A hybrid material composed of multiwalled carbon nanotubes and MoSe₂ nanorods as a sorbent for ultrasound-assisted solid-phase extraction of lead(II) and copper(II)

Menghwar P., YILMAZ E., SOYLAK M.

Microchimica Acta, cilt.186, sa.10, 2019 (SCI-Expanded)

- CCXXXIII. **Fe₃O₄@SiO₂@Bacillus pumilis: magnetised solid phase bio-extractor for preconcentration of Pb(II) and Cu(II) from water samples**

Erbas Z., SOYLAK M., Ozdemir S., Kilinc E.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.99, sa.11, ss.1112-1122, 2019 (SCI-Expanded)

- CCXXXIV. **Separation, enrichment and spectrophotometric determination of erythrosine (E127) in drug, cosmetic and food samples by heat-induced homogeneous liquid-liquid microextraction method**

Ozkantar N., YILMAZ E., SOYLAK M., Tuzen M.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.99, sa.12, ss.1135-1147, 2019 (SCI-Expanded)

- CCXXXV. **Assessment of Relationship Between Geochemical Fractions of Barium in Soil of Cherry Orchards and Plant Barium Uptake and Determination by Inductively Coupled Plasma Optical Emission Spectrometry**

SUNGUR A., GÜR E., EVEREST T., SOYLAK M., ÖZCAN H.

ATOMIC SPECTROSCOPY, cilt.40, sa.5, ss.173-178, 2019 (SCI-Expanded)

- CCXXXVI. **A new amine based microextraction of lead (II) in real water samples using flame atomic absorption spectrometry**

Habila M. A., ALOthman Z. A., YILMAZ E., Alabdulkarem E. A., SOYLAK M.

MICROCHEMICAL JOURNAL, cilt.148, ss.214-219, 2019 (SCI-Expanded)

- CCXXXVII. **Magnetic solid-phase extraction of quercetin on magnetic-activated carbon cloth (MACC)**

Arain M. B., YILMAZ E., HODA N., Kazi T. G., SOYLAK M.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.16, sa.7, ss.1365-1372, 2019 (SCI-Expanded)

- CCXXXVIII. **Trace analysis of quercetin in tea samples by HPLC-DAD system by means of a new nanocomposite including magnetic core-shell**

Ulusoy S., YILMAZ E., Erbas Z., ULUSOY H. İ., SOYLAK M.

SEPARATION SCIENCE AND TECHNOLOGY, cilt.55, sa.11, ss.2025-2036, 2019 (SCI-Expanded)

- CCXXXIX. **Deep eutectic solvent microextraction of lead(II), cobalt(II), nickel(II) and manganese(II) ions for the separation and preconcentration in some oil samples from Turkey prior to their microsampling flame atomic absorption spectrometric determination**

SOYLAK M., Koksall M.

MICROCHEMICAL JOURNAL, cilt.147, ss.832-837, 2019 (SCI-Expanded)

- CCXL. **A magnetized fungal solid-phase extractor for the preconcentrations of uranium(VI) and thorium(IV) before their quantitation by ICP-OES**

Kilinc E., Ozdemir S., Yalcin M. S., SOYLAK M.

MICROCHIMICA ACTA, cilt.186, sa.6, 2019 (SCI-Expanded)

- CCXLI. **Supramolecular solvent-based liquid phase microextraction of malachite green at trace level from water samples for its UV-vis spectrophotometric detection**

Uzcan F., Erbaş Z., Soylak M.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.99, sa.6, ss.595-605, 2019 (SCI-Expanded)

- CCXLII. **Removal of some heavy metal ions from water using novel adsorbent based on iron oxide-doped sol-gel organic-inorganic hybrid nanocomposite: equilibrium and kinetic studies**

Bidhendi M. E., Gabris M. A., Goudarzi V., Abedynia S., Juma B. H., Sereshti H., Kamboh M. A., SOYLAK M., Nodeh H. R.

DESALINATION AND WATER TREATMENT, cilt.147, ss.173-182, 2019 (SCI-Expanded)

- CCXLIII. **Application of deep eutectic solvent in ultrasound-assisted emulsification microextraction of quercetin from some fruits and vegetables**

Kanberoğlu G. S., YILMAZ E., SOYLAK M.

JOURNAL OF MOLECULAR LIQUIDS, cilt.279, ss.571-577, 2019 (SCI-Expanded)

- CCXLIV. **A green ultrasonic-assisted liquid-liquid microextraction technique based on deep eutectic solvents**

for flame atomic absorption spectrometer determination of trace level of lead in tobacco and food samples

Memon Z. M., YILMAZ E., Shah A. M., Kazi T. G., Devrajani B. R., SOYLAK M.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.16, sa.4, ss.687-694, 2019 (SCI-Expanded)

- CCXLV. **Magnetic solid phase extraction of trace paracetamol and caffeine in synthetic urine and wastewater samples by a using core shell hybrid material consisting of graphene oxide/multiwalled carbon nanotube/Fe₃O₄/SiO₂**

ULUSOY H. İ., YILMAZ E., SOYLAK M.

MICROCHEMICAL JOURNAL, cilt.145, ss.843-851, 2019 (SCI-Expanded)

- CCXLVI. **Developing a new and simple ultrasound-assisted emulsification liquid phase microextraction method built upon deep eutectic solvents for Patent Blue V in syrup and water samples**

Kanberoğlu G. S., YILMAZ E., SOYLAK M.

MICROCHEMICAL JOURNAL, cilt.145, ss.813-818, 2019 (SCI-Expanded)

- CCXLVII. **Supramolecular solvent microextraction and ultra-performance liquid chromatography-tandem mass spectrometry combination for the preconcentration and determination of malathion in environmental samples**

ALOthman Z. A., YILMAZ E., Habila M. A., Ghfar A. A., Alhenaki B., SOYLAK M., Ahmed A. Y. B. H.

DESALINATION AND WATER TREATMENT, cilt.144, ss.166-171, 2019 (SCI-Expanded)

- CCXLVIII. **Deep eutectic solvent based liquid phase microextraction of nickel at trace level as its diethyldithiocarbamate chelate from environmental samples**

Erbas Z., SOYLAK M., YILMAZ E., Dogan M.

MICROCHEMICAL JOURNAL, cilt.145, ss.745-750, 2019 (SCI-Expanded)

- CCXLIX. **Fractionation, Source Identification and Risk Assessments for Heavy Metals in Soils near a Small-Scale Industrial Area (canakkale-Turkey)**

SUNGUR A., SOYLAK M., ÖZCAN H.

SOIL & SEDIMENT CONTAMINATION, cilt.28, sa.2, ss.213-227, 2019 (SCI-Expanded)

- CCL. **Magnetic solid phase extractions of Co(II) and Hg(II) by using magnetized C-micaceous from water and food samples**

Ozdemir S., Mohamedsaid S. A., Kilinc E., SOYLAK M.

FOOD CHEMISTRY, cilt.271, ss.232-238, 2019 (SCI-Expanded)

- CCLI. **A new green microextraction method for traces Brown HT (E155) by using deep eutectic solvents prior to its spectrophotometric determination**

SOYLAK M., Deryol S., UZCAN F.

International Journal of Environmental Analytical Chemistry, 2019 (SCI-Expanded)

- CCLII. **Magnetic solid-phase extraction based on Coriolus versicolor-immobilized gamma-Fe₂O₃ nanoparticles for preconcentration and determination of Al(III) in water and food samples**

Ozdemir S., Yalcin M. S., Kilinc E., SOYLAK M.

TURKISH JOURNAL OF CHEMISTRY, cilt.43, sa.5, ss.1217-1228, 2019 (SCI-Expanded)

- CCLIII. **A sensitive and selective deep eutectic solvent-based ultrasound-assisted liquid phase microextraction procedure for separation-preconcentration and determination of copper in olive oil and water samples**

Menghwar P., YILMAZ E., Sherazi S. T. H., SOYLAK M.

Separation Science and Technology (Philadelphia), cilt.54, sa.15, ss.2431-2439, 2019 (SCI-Expanded)

- CCLIV. **Ultrasound-Assisted Ionic Liquid-Dispersive Liquid-Liquid of Curcumin in Food Samples Microextraction and Its Spectrophotometric Determination**

Unsal Y. E., Tuzen M., SOYLAK M.

JOURNAL OF AOAC INTERNATIONAL, cilt.102, sa.1, ss.217-221, 2019 (SCI-Expanded)

- CCLV. **Comparison of Cd(II) preconcentrations by using magnetized Pleurotus eryngii and Coprinus micaceus and its determination in real samples**

Ozdemir S., Yalcin M. S., Kilinc E., SOYLAK M.

MICROCHEMICAL JOURNAL, cilt.144, ss.19-25, 2019 (SCI-Expanded)

- CCLVI. **Determination of Copper Using Supramolecular Solvent-based Microextraction for Food, Spices, and Water Samples Prior to Analysis by Flame Atomic Absorption Spectrometry**
Ozkantar N., SOYLAK M., Tuzen M.
ATOMIC SPECTROSCOPY, cilt.40, sa.1, ss.17-23, 2019 (SCI-Expanded)
- CCLVII. **Application of magnetized fungal solid phase extractor with Fe₂O₃ nanoparticle for determination and preconcentration of Co(II) and Hg(II) from natural water samples**
Ozdemir S., Mohamedsaid S. A., Kilinc E., YILDIRIM A., SOYLAK M.
MICROCHEMICAL JOURNAL, cilt.143, ss.198-204, 2018 (SCI-Expanded)
- CCLVIII. **Development of an ultrasonic-assisted restricted access supramolecular solvent-based liquid phase microextraction (UA-RAS-LPME) method for separation-preconcentration and UV-VIS spectrophotometric detection of curcumin**
MENGHWAR P., YILMAZ E., SOYLAK M.
SEPARATION SCIENCE AND TECHNOLOGY, cilt.53, sa.16, ss.2612-2621, 2018 (SCI-Expanded)
- CCLIX. **Usage of deep eutectic solvents for the digestion and ultrasound-assisted liquid phase microextraction of copper in liver samples**
Kanberoğlu G. S., YILMAZ E., SOYLAK M.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.15, sa.10, ss.2307-2314, 2018 (SCI-Expanded)
- CCLX. **A novel and simple deep eutectic solvent based liquid phase microextraction method for rhodamine B in cosmetic products and water samples prior to its spectrophotometric determination**
YILMAZ E., SOYLAK M.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.202, ss.81-86, 2018 (SCI-Expanded)
- CCLXI. **Synthesis and characterization of Pd nanoparticle-modified magnetic Sm₂O₃-ZrO₂ as effective multifunctional catalyst for reduction of 2-nitrophenol and degradation of organic dyes**
YILMAZ E., TUT Y., TÜRKÖĞLÜ O., SOYLAK M.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.15, sa.8, ss.1721-1731, 2018 (SCI-Expanded)
- CCLXII. **Development of Phosphate-containing Polymer-based Solid Phase Extraction Procedure for the Separation, Enrichment, and Determination of Cadmium in Water and Food Samples by FAAS**
Khan S., SOYLAK M., ALOSMANOV R. M., kazi T. G., SHEIKH S. A.
ATOMIC SPECTROSCOPY, cilt.39, sa.4, ss.158-163, 2018 (SCI-Expanded)
- CCLXIII. **The separation-preconcentration and determination of ultra-trace gold in water and solid samples by dispersive liquid-liquid microextraction using 4-ethyl-1(2-(4-(4-nitrophenyl)piperazin-1-yl)acetyl)thiosemicarbazide) as chelating agent and flame atomic absorption spectrometry**
Bahadır Z., bulut V. N., Mermer A., DEMİRBAŞ N., DURAN C., SOYLAK M.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.15, sa.6, ss.1347-1354, 2018 (SCI-Expanded)
- CCLXIV. **Nanomaterial's based chromium speciation in environmental samples: A review**
ARAIN M. B., ALI I., YILMAZ E., SOYLAK M.
TRAC-TRENDS IN ANALYTICAL CHEMISTRY, cilt.103, ss.44-55, 2018 (SCI-Expanded)
- CCLXV. **A new magnetic nanodiamond/graphene oxide hybrid (Fe₃O₄@ND@GO) material for pre-concentration and sensitive determination of sildenafil in alleged herbal aphrodisiacs by HPLC-DAD system**
YILMAZ E., Ulusoy H. I., Demir O., SOYLAK M.
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.1084, ss.113-121, 2018 (SCI-Expanded)
- CCLXVI. **Dispersive liquid-liquid microextraction of lead(II) as tropaeolin ooo chelates from environmental samples prior to microsampling flame atomic absorption spectrometry**
HABILA M. A., ALOTHMAN Z. A., YILMAZ E., Soylak M.
Atomic Spectroscopy, cilt.39, sa.3, ss.112-117, 2018 (SCI-Expanded)
- CCLXVII. **Ultrasound-assisted Supramolecular Microextraction of Copper in Water, Food, Hair, and Tobacco Samples Prior to Microsampling Flame Atomic Absorption Spectrometry**
ALOTHMAN Z. A., HABILA M. A., YILMAZ E., SOYLAK M.

ATOMIC SPECTROSCOPY, cilt.39, sa.3, ss.106-111, 2018 (SCI-Expanded)

- CCLXXVIII. **A simple, rapid and green ultrasound assisted and ionic liquid dispersive microextraction procedure for the determination of tin in foods employing ETAAS**

Tuzen M., Uluozlu O. D., Mendil D., SOYLAK M., MACHADO L. O. R., DOS SANTOS W. N. L., FERREIRA S. L. C.

FOOD CHEMISTRY, cilt.245, ss.380-384, 2018 (SCI-Expanded)

- CCLXXIX. **Vortex assisted deep eutectic solvent (DES)-emulsification liquid-liquid microextraction of trace curcumin in food and herbal tea samples**

Aydm F., YILMAZ E., SOYLAK M.

FOOD CHEMISTRY, cilt.243, ss.442-447, 2018 (SCI-Expanded)

- CCLXX. **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.

ATOMIC SPECTROSCOPY, cilt.39, sa.2, ss.81-89, 2018 (SCI-Expanded)

- CCLXXI. **Comparative solid phase extraction study on the U(VI) preconcentration by using immobilized thermotolerant *Bacillus vallismortis* and *Bacillus mojavensis***

Ozdemir S., Oduncu M. K., Kilinc E., SOYLAK M.

JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, cilt.315, sa.2, ss.185-193, 2018 (SCI-Expanded)

- CCLXXII. **Vortex-assisted magnetic solid phase extraction of Cd(II), Cu(II) and Pb(II) on the Nitroso-R salt impregnated magnetic Ambersorb 563 for their separation, preconcentration and determination by FAAS**

SOYLAK M., ERBAŞ Z.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.98, sa.9, ss.799-810, 2018 (SCI-Expanded)

- CCLXXIII. **A Strategy Based on the Dispersive Liquid-Liquid Microextraction of Cadmium in Environmental Samples Prior to Its Determination by Flame Atomic Absorption Spectrometry**

BULUT V. N., Bahadir Z., Ceylan S., SOYLAK M.

ATOMIC SPECTROSCOPY, cilt.39, sa.1, ss.46-54, 2018 (SCI-Expanded)

- CCLXXIV. ***Boletus edulis* loaded with gamma-Fe₂O₃ nanoparticles as a magnetic sorbent for preconcentration of Co(II) and Sn(II) prior to their determination by ICP-OES**

Ozdemir S., Yalcin M. S., Kilinc E., SOYLAK M.

MICROCHIMICA ACTA, cilt.185, sa.1, 2018 (SCI-Expanded)

- CCLXXV. **Exhaled breath condensate magnesium levels of infants with bronchiolitis**

Demirkan F. G., Yilmaz E., Hangül M., Ozturk D., Demirkan H., Soy lak M., Köse M.

Turkish Journal of Pediatrics, cilt.60, ss.535-539, 2018 (SCI-Expanded)

- CCLXXVI. **Vortex assisted solid-phase extraction of lead(II) using orthorhombic nanosized Bi₂WO₆ as a sorbent**

BAGHBAN N., YILMAZ E., SOYLAK M.

MICROCHIMICA ACTA, cilt.185, sa.1, 2018 (SCI-Expanded)

- CCLXXVII. **Activated carbon cloth filled pipette tip for solid phase extraction of nickel(II), lead(II), cadmium(II), copper(II) and cobalt(II) as 1,3,4-thiadiazole-2,5-dithiol chelates for ultra-trace detection by FAAS**

Habila M. A., Alothman Z. A., Yilmaz E., Soy lak M.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.98, ss.171-181, 2018 (SCI-Expanded)

- :CLXXVIII. **Switchable solvent based liquid phase microextraction of palladium coupled with determination by flame atomic absorption spectrometry**

Reclo M., YILMAZ E., Bazel Y., SOYLAK M.

International Journal of Environmental Analytical Chemistry, cilt.97, ss.1315-1327, 2017 (SCI-Expanded)

- CCLXXIX. **Multivariate statistical design optimization for ultrasonic-assisted restricted access supramolecular solvent-based liquid phase microextraction of quercetin in food samples**

MEMON Z. M., YILMAZ E., SOYLAK M.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.14, sa.12, ss.2521-2528, 2017 (SCI-Expanded)

- CCLXXX. **Facile and green solvothermal synthesis of palladium nanoparticle-nanodiamond-graphene oxide material with improved bifunctional catalytic properties**

YILMAZ E., SOYLAK M.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.14, sa.12, ss.2503-2512, 2017 (SCI-Expanded)

- CCLXXXI. **Trace elements in blood samples of smoker and nonsmoker active pulmonary tuberculosis patients from Jamshoro, Pakistan**

MEMON Z. M., YILMAZ E., SHAH A. M., ŞAHİN U., kazi T. G., DEVRAJANI B. R., SOYLAK M.

ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, cilt.24, sa.34, ss.26513-26520, 2017 (SCI-Expanded)

- CCLXXXII. **One step step hydrothermal synthesis and characterization of moss like MWCNT-Bi₂S₃ nanomaterial for solid phase extraction of copper**

MEMON Z. M., YILMAZ E., SOYLAK M.

TALANTA, cilt.174, ss.645-651, 2017 (SCI-Expanded)

- CLXXXIII. **Innovative, simple and green ultrasound assisted-enzyme based hydrolytic microextraction method for manganese at trace levels in food samples**

YILMAZ E., SOYLAK M.

TALANTA, cilt.174, ss.605-609, 2017 (SCI-Expanded)

- CLXXXIV. **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**

BAGHBAN N., YILMAZ E., SOYLAK M.

MICROCHIMICA ACTA, cilt.184, sa.10, ss.3969-3976, 2017 (SCI-Expanded)

- CCLXXXV. **Highly Simple Deep Eutectic Solvent Extraction of Manganese in Vegetable Samples Prior to Its ICP-OES Analysis**

Bagda E., Altundag H., SOYLAK M.

BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.179, sa.2, ss.334-339, 2017 (SCI-Expanded)

- CLXXXVI. **Magnetic Graphene Oxide as an Efficient Adsorbent for the Separation and Preconcentration of Cu(II), Pb(II), and Cd(II) from Environmental Samples**

SOYLAK M., ACAR D., YILMAZ E., EL-KHODARY S. A., MORSY M., IBRAHIM M.

JOURNAL OF AOAC INTERNATIONAL, cilt.100, sa.5, ss.1544-1550, 2017 (SCI-Expanded)

- CLXXXVII. **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**

HABILA M. A., Yilmaz E., ALOTHMAN Z. A., SOYLAK M.

DESALINATION AND WATER TREATMENT, cilt.87, ss.285-291, 2017 (SCI-Expanded)

- LXXXVIII. **A Novel Selective Deep Eutectic Solvent Extraction Method for Versatile Determination of Copper in Sediment Samples by ICP-OES**

Bagda E., Altundag H., Tuzen M., SOYLAK M.

BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.99, sa.2, ss.264-269, 2017 (SCI-Expanded)

- CLXXXIX. **Heavy metal contents of play dough, face and finger paint samples sold in turkish markets**

ERBAŞ Z., KARATEPE A., SOYLAK M.

TALANTA, cilt.170, ss.377-383, 2017 (SCI-Expanded)

- CCXC. **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**

Habila M. A., ALOthman Z. A., El-Toni A. M., Al-Tamrah S. A., SOYLAK M., Labis J. P.

MICROCHIMICA ACTA, cilt.184, sa.8, ss.2645-2651, 2017 (SCI-Expanded)

- CCXCI. **Ligandless switchable solvent based liquid phase microextraction of nickel from food and cigarette samples prior to its micro-sampling flame atomic absorption spectrometric determination**

RECLO M., YILMAZ E., SOYLAK M., ANDRUCH V., BAZEL Y.

JOURNAL OF MOLECULAR LIQUIDS, cilt.237, ss.236-241, 2017 (SCI-Expanded)

- CCXCII. **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.
ATOMIC SPECTROSCOPY, cilt.38, sa.3, ss.51-56, 2017 (SCI-Expanded)
- CCXCIII. **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**
BAGHBAN N., YILMAZ E., SOYLAK M.
JOURNAL OF MOLECULAR LIQUIDS, cilt.234, ss.260-267, 2017 (SCI-Expanded)
- CCXCIV. **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)
- CCXCV. **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**
Aydm F., YILMAZ E., SOYLAK M.
MICROCHEMICAL JOURNAL, cilt.132, ss.280-285, 2017 (SCI-Expanded)
- CCXCVI. **Resistance, bioaccumulation and solid phase extraction of uranium (VI) by Bacillus vallismortis and its UV-vis spectrophotometric determination**
Ozdemir S., Oduncu M. K., Kilinc E., SOYLAK M.
JOURNAL OF ENVIRONMENTAL RADIOACTIVITY, cilt.171, ss.217-225, 2017 (SCI-Expanded)
- CCXCVII. **A new separation and preconcentration method for selenium in some foods using modified silica gel with 2,6-diamino-4-phenyl-1,3,5-triazine**
Mendil D., Demirci Z., Uluozlu O. D., Tuzen M., SOYLAK M.
FOOD CHEMISTRY, cilt.221, ss.1394-1399, 2017 (SCI-Expanded)
- CCXCVIII. **Switchable solvent based green liquid phase microextraction method for cobalt in tobacco and food samples prior to flame atomic absorption spectrometric determination**
Memon Z. M., YILMAZ E., SOYLAK M.
JOURNAL OF MOLECULAR LIQUIDS, cilt.229, ss.459-464, 2017 (SCI-Expanded)
- CCXCIX. **Activated Carbon Cloth (ACC) as Efficient Adsorbent for Trace Cu(II), Co(II), Cd(II), Pb(II), Mn(II), and Ni(II) as O-O-diethylphosphorodithioic Acid Chelates for the Enrichment From Water and Soil Samples**
SOYLAK M., Acar D., ALOTHMAN Z. A.
ATOMIC SPECTROSCOPY, cilt.38, sa.2, ss.65-70, 2017 (SCI-Expanded)
- CCC. **Tolerance and bioaccumulation of U(VI) by Bacillus mojavensis and its solid phase preconcentration by Bacillus mojavensis immobilized multiwalled carbon nanotube**
Ozdemir S., Oduncu M. K., Kilinc E., SOYLAK M.
JOURNAL OF ENVIRONMENTAL MANAGEMENT, cilt.187, ss.490-496, 2017 (SCI-Expanded)
- CCCI. **Simultaneous preconcentrations of Co²⁺, Cr⁶⁺, Hg²⁺ and Pb²⁺ ions by Bacillus altitudinis immobilized nanodiamond prior to their determinations in food samples by ICP-OES**
Ozdemir S., Kilinc E., Celik K. S., Okumus V., SOYLAK M.
FOOD CHEMISTRY, cilt.215, ss.447-453, 2017 (SCI-Expanded)
- CCCII. **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., SOYLAK M.
TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, cilt.99, sa.4, ss.590-600, 2017 (SCI-Expanded)
- CCCIII. **Spectrophotometric detection of rhodamine B in tap water, lipstick, rouge, and nail polish samples after supramolecular solvent microextraction**
Ozkantar N., SOYLAK M., Tuzen M.
TURKISH JOURNAL OF CHEMISTRY, cilt.41, sa.6, ss.987-994, 2017 (SCI-Expanded)

- CCCIV. **A Simple Vortex-Assisted Dispersive Liquid-Liquid Microextraction System for Copper(II) to Preconcentration and Separation from Natural Water and Table Salt Samples**
SOYLAK M., Kiranartigiller E.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, cilt.42, sa.1, ss.175-181, 2017 (SCI-Expanded)
- CCCV. **Spectrophotometric determination of carmoisine after cloud point extraction using Triton X-114**
Karatepe A., Akalin C., SOYLAK M.
TURKISH JOURNAL OF CHEMISTRY, cilt.41, sa.2, ss.256-262, 2017 (SCI-Expanded)
- CCCVI. **Supramolecular solvent microextraction of uranium at trace levels from water and soil samples**
KHAN M., YILMAZ E., SOYLAK M.
TURKISH JOURNAL OF CHEMISTRY, cilt.41, sa.1, ss.61-69, 2017 (SCI-Expanded)
- CCCVII. **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., SOYLAK M.
JOURNAL OF MOLECULAR LIQUIDS, cilt.224, ss.639-647, 2016 (SCI-Expanded)
- CCCVIII. **Deep eutectic solvent based ultrasonic assisted liquid phase microextraction for the FAAS determination of cobalt**
ARAIN M. B., YILMAZ E., SOYLAK M.
JOURNAL OF MOLECULAR LIQUIDS, cilt.224, ss.538-543, 2016 (SCI-Expanded)
- CCCIX. **A Novel Carrier Element-free Co-precipitation Method for Separation/Preconcentration of Lead and Cadmium Ions from Environmental Matrices**
BULUT V. N., Demirci H., Ozdes D., Gundogdu A., BEKİRCAN O., SOYLAK M., DURAN C.
ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, cilt.35, sa.6, ss.1709-1715, 2016 (SCI-Expanded)
- CCCX. **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., SOYLAK M.
TALANTA, cilt.160, ss.680-685, 2016 (SCI-Expanded)
- CCCXI. **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., SOYLAK M.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.167, ss.157-164, 2016 (SCI-Expanded)
- CCCXII. **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., SOYLAK M.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, cilt.132, ss.101-110, 2016 (SCI-Expanded)
- CCCXIII. **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., Montazerzohori M., Tashkhourian J., SOYLAK M.
JOURNAL OF MOLECULAR LIQUIDS, cilt.221, ss.748-754, 2016 (SCI-Expanded)
- CCCXIV. **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)
- CCCXV. **Ultrasonic supramolecular microextraction of nickel (II) as N,N'-Dihydroxy-1,2-cyclohexanediimine 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)
- CCCXVI. **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)
- CCCXVII. **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)
- CCCXVIII. **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)
- CCCXIX. **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)
- CCCXX. **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)
- CCCXXI. **Combination of Syringe-Solid Phase Extraction with Inductively Coupled Plasma Mass Spectrometry for Efficient Heavy Metals Detection**
Habila M. A., ALOthman Z. A., El-Toni A. M., SOYLAK M.
CLEAN-SOIL AIR WATER, cilt.44, sa.6, ss.720-727, 2016 (SCI-Expanded)
- CCCXXII. **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.
Journal of Industrial and Engineering Chemistry, cilt.37, ss.306-311, 2016 (SCI-Expanded)
- CCCXXIII. **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)
- CCCXXIV. **Simultaneous extraction and preconcentration of Cu²⁺, Ni²⁺ and Zn²⁺ ions using Ag nanoparticle-loaded activated carbon: Response surface methodology**
Shahamirifard S. A. R., Ghaedi M., Rahimi M. R., Hajati S., Montazerzohori M., SOYLAK M.
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- CCCLV. **Solid-phase extraction of Pb²⁺ ion from environmental samples onto L-AC-Ag-NP by flame atomic absorption spectrometry (FAAS)**
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- CCCLVIII. **Dispersive liquid-liquid microextraction-spectrophotometry combination for determination of rhodamine B in food, water, and environmental samples**
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- CCCLXIV. **Determination of Copper in Food and Water by Dispersive Liquid-Liquid Microextraction and Flame Atomic Absorption Spectrometry**
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- CCCLXV. **Application of Wet vs. Microwave Digestion for Trace Element Determination in Soil, Vegetable, Nuts, and Grain Samples by ICP-OES**

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- CCCLXVI. **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)

- CCCLXVII. **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.

Journal of Analytical Chemistry, cilt.70, sa.6, ss.691-695, 2015 (SCI-Expanded)

- :CCLXVIII. **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)

- CCCLXIX. **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., Allothman Z. A., SOYLAK M.

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- CCCLXX. **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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- CCCLXXI. **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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- CCCLXXII. **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)

- :CCLXXIII. **Preconcentration-separation of germanium at ultra trace levels on polysulfone membrane filter and its determination by spectrophotometry**

SOYLAK M., YIGIT S.

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- :CCLXXIV. **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**

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ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.187, sa.4, 2015 (SCI-Expanded)

- CCCLXXV. **A membrane filtration procedure for the enrichment, separation, and flame atomic absorption spectrometric determinations of some metals in water, hair, urine, and fish samples**

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- :CCLXXVI. **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.

RSC Advances, cilt.5, sa.43, ss.33801-33808, 2015 (SCI-Expanded)

- CCLXXVII. **The Efficient Photocatalytic Degradation of Methyl Tert-butyl Ether Under Pd/ZnO and Visible Light Irradiation**

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- :CLXXVIII. **Determination of Cadmium in Fruit and Vegetables by Ionic Liquid Magnetic Microextraction and Flame Atomic Absorption Spectrometry**
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- :CCLXXIX. **Solid phase extraction of metal ions in environmental samples on 1-(2-pyridylazo)-2-naphthol impregnated activated carbon cloth**

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- CCCLXXX. **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.

ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.187, sa.2, 2015 (SCI-Expanded)

- :CCLXXXI. **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)

- CCLXXXII. **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.

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- :CLXXXIII. **Switchable solvent-based liquid phase microextraction of copper(II): optimization and application to environmental samples**

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JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, cilt.30, sa.7, ss.1629-1635, 2015 (SCI-Expanded)

- :CLXXXIV. **Supramolecular solvent-based microextraction method for cobalt traces in food samples with optimization Plackett-Burman and central composite experimental design**

aydin F., YILMAZ E., SOYLAK M.

RSC ADVANCES, cilt.5, sa.115, ss.94879-94886, 2015 (SCI-Expanded)

- CCLXXXV. **SELECTIVE SEPARATION, PRECONCENTRATION AND DETERMINATION OF Pd(II) IONS IN ENVIRONMENTAL SAMPLES BY COPRECIPITATION WITH A 1,2,4-TRIAZOLE DERIVATIVE**

Ozdes D., DURAN C., Serencam H., Sahin D., Gundogdu A., SOYLAK M.

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- :CLXXXVI. **Separation and preconcentration of lead(II), cobalt(II), and nickel(II) on EDTA immobilized activated carbon cloth prior to ame atomic absorption spectrometric determination in environmental samples**

Alothman Z. A., YILMAZ E., Habila M., SOYLAK M.

Turkish Journal of Chemistry, cilt.39, sa.5, ss.1038-1049, 2015 (SCI-Expanded)

- CLXXXVII. **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., SOYLAK M.

JOURNAL OF AOAC INTERNATIONAL, cilt.98, sa.1, ss.213-217, 2015 (SCI-Expanded)

- :LXXXVIII. **Magnetic nanoparticle based dispersive micro-solid-phase extraction for the determination of malachite green in water samples: optimized experimental design**

Asfaram A., Ghaedi M., Goudarzi A., SOYLAK M., Langroodi S. M.

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- :CLXXXIX. **A NEW CLOUD POINT EXTRACTION PROCEDURE FOR DETERMINATION OF TRACE AMOUNT CRYSTAL VIOLET IN WASTEWATER BY UV-VIS. SPECTROMETRY**

BISGIN A. T., NARİN I., UCAN M., SOYLAK M.

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- CCCXC. **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)
- CCCXCI. **Comparison between dispersive liquid-liquid microextraction and ultrasound-assisted nanoparticles-dispersive solid-phase microextraction combined with microvolume spectrophotometry method for the determination of Auramine-O in water samples**
ASFARAM A., GHAEDI M., GOUDARZI A., SOYLAK M.
RSC ADVANCES, cilt.5, sa.49, ss.39084-39096, 2015 (SCI-Expanded)
- CCCXCII. **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)
- CCCXCIII. **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., SOYLAK M.
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- CCCXCIV. **Supramolecular solvent-based dispersive liquid-liquid microextraction of copper from water and hair samples**
Aydın F., YILMAZ E., SOYLAK M.
RSC ADVANCES, cilt.5, sa.50, ss.40422-40428, 2015 (SCI-Expanded)
- CCCXCV. **Determination of Lead(II) as Brilliant Black BN Chelates in Water and Soil Samples After Separation-Preconcentration on Cellulose Nitrate Membrane Filter**
SOYLAK M., YIGIT S.
ATOMIC SPECTROSCOPY, cilt.36, sa.1, ss.49-53, 2015 (SCI-Expanded)
- CCCXCVI. **A pipette tip multiwalled-carbon nanotube solid-phase extraction of lead in water and hair samples: application of the statistical Taguchi method to optimise the experimental variables**
Jalbani N., SOYLAK M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.94, ss.1435-1444, 2014 (SCI-Expanded)
- CCCXCVII. **Flame atomic absorption spectrometric determination of Cd, Pb, and Cu in food samples after pre-concentration using 4-(2-thiazolylazo) resorcinol-modified activated carbon**
Habila M., YILMAZ E., Alothman Z. A., SOYLAK M.
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Sungur A., SOYLAK M., Ozcan H.
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- CD. **Solid Phase Extraction of Thorium on Multiwalled Carbon Nanotubes Prior to UV-Vis Spectrophotometric Determination in Ore Samples**
Kandhro G. A., SOYLAK M., Kazi T. G.
ATOMIC SPECTROSCOPY, cilt.35, sa.6, ss.270-274, 2014 (SCI-Expanded)
- CDI. **Amberlite XAD-7 resin impregnated with 2-(1-(4-chlorophenyl)-4,5-diphenyl-1H-imidazol-2-yl)-4-nitrophenol for enrichment of metal ions**
Ghaedi M., Karami B., Shamsaldini S., SOYLAK M.
JOURNAL OF SAUDI CHEMICAL SOCIETY, cilt.18, sa.5, ss.674-680, 2014 (SCI-Expanded)

- CDII. **Determination of heavy metals in sediments of the Ergene River by BCR sequential extraction method**
SUNGUR A., SOYLAK M., Yilmaz S., ÖZCAN H.
ENVIRONMENTAL EARTH SCIENCES, cilt.72, sa.9, ss.3293-3305, 2014 (SCI-Expanded)
- CDIII. **Spectrophotometric Detection of Rhodamine B after Separation-Enrichment by Using Multi-walled Carbon Nanotubes**
Unsal Y. E., SOYLAK M., Tuzen M.
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- CDIV. **Solid phase extraction of Cd, Pb, Ni, Cu, and Zn in environmental samples on multiwalled carbon nanotubes**
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- CDV. **Vortex Assisted Liquid-Liquid Microextraction Using Triton X-114 for Ultratrace Cadmium Prior to Analysis**
Khan S., YILMAZ E., Kazi T. G., SOYLAK M.
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- CDVI. **Development a novel supramolecular solvent microextraction procedure for copper in environmental samples and its determination by microsampling flame atomic absorption spectrometry**
YILMAZ E., SOYLAK M.
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- CDVII. **A New Coprecipitation Methodology with Lutetium Hydroxide for Preconcentration of Heavy Metal Ions in Herbal Plant Samples**
SOYLAK M., Murat I.
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- CDVIII. **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., SOYLAK M.
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- CDIX. **Spectrophotometric determination of uranium using chromotrope 2R complexes**
Jalbani N., SOYLAK M.
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- CDX. **Assessment of trace metal concentrations in muscle tissue of certain commercially available fish species from Kayseri, Turkey**
Duran A., Tuzen M., SOYLAK M.
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- CDXI. **Sequential Extraction Procedure for the Determination of Some Trace Elements in Fertilizer Samples**
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- CDXII. **Use of Modified Diethylamine Phosphorus-containing Polymer for Solid Phase Extraction of Cobalt and Lead in Fruit Samples Employing Flame Atomic Absorption Spectrometry**
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- CDXIII. **Polyhydroxybutyrate-b-polyethyleneglycol block copolymer for the solid phase extraction of lead and copper in water, baby foods, tea and coffee samples**
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- CDXIV. **Separation and preconcentration of lead, chromium and copper by using with the combination coprecipitation-flame atomic absorption spectrometric determination**
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- CDXV. **Assessment of Kinetics, Thermodynamics and Equilibrium Parameters of Cr(VI) Biosorption onto *Pinus brutia* Ten**
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- CDXVI. **Rapid ionic liquid-based ultrasound assisted dual magnetic microextraction to preconcentrate and separate cadmium-4-(2-thiazolylazo)-resorcinol complex from environmental and biological samples**
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SOYLAK M., Altın R.
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- CDXXII. **ASSESSMENT OF CONCENTRATION OF TRACE METALS IN TRADITIONAL BREAD SAMPLES FROM TURKEY**
YILMAZ E., SOYLAK M.
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- CDXXIII. **Supramolecular solvent microextraction of gold prior to its determination by microsample injection system coupled with flame atomic absorption spectrometry**
YILMAZ E., SOYLAK M.
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- CDXXIV. **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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- CDXXV. **SPECTROPHOTOMETRIC DETERMINATION OF SUDAN BLUE II IN ENVIRONMENTAL SAMPLES AFTER DISPERSIVE LIQUID-LIQUID MICROEXTRACTION**
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- CDXXVI. **EVALUATION OF METAL CONCENTRATIONS OF SOIL SAMPLES FROM YAHYALI-KAYSERİ, TURKEY**
Unsal Y. E., Tuzen M., SOYLAK M.
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- CDXXVII. **Speciation of chromium by the combination of dispersive liquid-liquid microextraction and**

microsample injection flame atomic absorption spectrometry

Unsal Y. E., Tuzen M., SOYLAK M.

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CDXXVIII. 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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CDXXIX. Room Temperature Ionic Liquid-Based Dispersive Liquid Phase Microextraction for the Separation/Preconcentration of Trace Cd²⁺ as 1-(2-pyridylazo)-2-naphthol (PAN) Complex from Environmental and Biological Samples and Determined by FAAS

Khan S., SOYLAK M., Kazi T. G.

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CDXXX. 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

Serencam H., BULUT V. N., Tufekci M., Gundogdu A., DURAN C., Hamza S., SOYLAK M.

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CDXXXI. 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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CDXXXII. 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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CDXXXIII. 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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CDXXXIV. 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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CDXXXV. Neodymium (III) Hydroxide Coprecipitation-FAAS System for the Speciation of Chromium in Natural Waters

SOYLAK M., Kizil N.

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CDXXXVI. 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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CDXXXVII. Evaluation of metal contents of household detergent samples from Turkey by flame atomic absorption spectrometry

SOYLAK M., Unsal Y. E., Tuzen M.

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DXXXVIII. A Dispersive Liquid-Liquid Microextraction Methodology for Copper(II) in Environmental Samples Prior to Determination Using Microsample Injection Flame Atomic Absorption Spectrometry

Alothman Z. A., Habila M., YILMAZ E., SOYLAK M.

JOURNAL OF AOAC INTERNATIONAL, cilt.96, sa.6, ss.1425-1429, 2013 (SCI-Expanded)

CDXXXIX. 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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CDXL. Development of a New Solid Phase Extraction Procedure for Selective Separation and Enrichment of Au(III) Ions in Environmental Samples

Elvan H., Ozdes D., DURAN C., BULUT V. N., GÜMRÜKÇÜOĞLU N., SOYLAK M.

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CDXLI. Dispersive Liquid-Liquid Microextraction and Microsample Injection Flame Atomic Absorption Spectrometry Combination for Copper (II)3-hydroxy-4-methyl- 2(3H)-thiazolethione Chelates

Al Othman Z. A., Habila M., YILMAZ E., SOYLAK M.

Atomic Spectroscopy, cilt.34, sa.5, ss.175-180, 2013 (SCI-Expanded)

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Al Othman Z. A., Habila M., YILMAZ E., SOYLAK M.

ATOMIC SPECTROSCOPY, cilt.34, sa.5, ss.175-180, 2013 (SCI-Expanded)

CDXLIII. 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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CDXLIV. Silica chemically bonded N-propyl kriptofix 21 and 22 with immobilized palladium nanoparticles for solid phase extraction and preconcentration of some metal ions

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

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

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

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

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

Al Othman Z. A., YILMAZ E., Habila M., Shabaka A., SOYLAK M.

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CDXLVIII. 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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CDXLIX. 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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CDL. 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., Montazeri Z., Shokrollahi A., SOYLAK M.

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- CDLI. **Cadmium and nickel determinations in some food and water samples by the combination of carrier element-free coprecipitation and flame atomic absorption spectrometry**
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- CDLII. **Evaluation of Metal Concentrations in Food Packaging Materials: Relation to Human Health**
Duran A., Tuzen M., SOYLAK M.
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- CDLIII. **Solid-phase extraction of tartrazine on multiwalled carbon nanotubes for separation and enrichment**
SOYLAK M., CİHAN Z.
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- CDLIV. **Silver nanoparticle loaded on activated carbon and activated carbon modified with 2-(4-isopropylbenzylideneamino)thiophenol (IPBATP) as new sorbents for trace metal ions enrichment**
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Ghaedi M., Montazerzohori m., Haghdoost S., Zaare F., SOYLAK M.
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- CDLVI. **Chemically bonded multiwalled carbon nanotubes as efficient material for solid phase extraction of some metal ions in food samples**
Ghaedi M., Montazerzohori M., Biyareh M. N., Mortazavi K., Soylak M.
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- CDLVII. **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., SOYLAK M.
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- CDLVIII. **Heavy metal contents of organically produced, harvested, and dried fruit samples from Kayseri, Turkey**
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- CDLIX. **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., SOYLAK M., DURAN C.
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SOYLAK M., Altın R.
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- CDLXI. **Ionic Liquid-based Method for Microextraction/Enrichment of Gold from Real Samples and Determination by Flame Atomic Absorption Spectrometry**
SOYLAK M., YILMAZ E.
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- CDLXII. **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., SOYLAK M.
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- CDLXIII. **TRACE ELEMENT CONTENTS OF RAISINS, GRAPES AND SOIL SAMPLES FROM INCESU-KAYSERİ,**

TURKEY

Unsal Y. E., YILMAZ E., SOYLAK M., Tuzen M.

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Shah F., SOYLAK M., Kazi T. G., Afridi H. I.
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- CDLXV. **Pressure-assisted ionic liquid dispersive microextraction of vanadium coupled with electrothermal atomic absorption spectrometry**
Naeemullah N., Tuzen M., Kazi T. G., Citak D., SOYLAK M.
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Durukan I., SOYLAK M., Dogan M.
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- CDLXVII. **Evaluation of Trace Metals in Tea Samples from Jeddah and Jazan, Saudi Arabia by Atomic Absorption Spectrometry**
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SOYLAK M., Murat I.
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- CDLXX. **Adsorption of Phenol from Aqueous Solution on a Low-Cost Activated Carbon Produced from Tea Industry Waste: Equilibrium, Kinetic, and Thermodynamic Study**
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Ibrahim H. S., Ammar N. S., SOYLAK M., Ibrahim M.
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Kandhro G. A., SOYLAK M., kazi T. G., YILMAZ E., Afridi H. I.
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- CDLXXIII. **Membrane filtration of Sudan orange G on a cellulose acetate membrane filter for separation-preconcentration and spectrophotometric determination in water, chili powder, chili sauce and tomato sauce samples**
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- CDLXXIV. **Speciation of Chromium after Coprecipitation with Cu-Violuric Acid and Determination by Flame Atomic Absorption Spectrometry**
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- CDLXXV. **Sorbent Extraction of Pb(II), Cu(II), Ni(II), and Fe(III) Ions as 2-(5-Bromo-2-Pyridylazo)-5-Diethylamino-Phenol Chelates on Single-Walled Carbon Nanotube Disks Prior to Their Flame Atomic**

Absorption Spectrometric Determinations in Animal Feeds and Natural Water Samples

YILMAZ E., Alothman Z. A., Sumayli H. M. T., Ibrahim M., SOYLAK M.

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- CDLXXVI. **Determination of Traces of Iron and Lead in Food and Water Samples After Preconcentration on Multiwalled Carbon Nanotubes**

SOYLAK M., Unsal Y. E.

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Soylak M., Cihan Z., YILMAZ E.

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- DLXXVIII. **Column solid-phase extraction of sunset yellow and spectrophotometric determination of its use in powdered beverage and confectionery products**

Unsal Y. E., SOYLAK M., Tuzen M.

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- CDLXXIX. **Speciation of Cr(III) and Cr(VI) in environmental samples by using coprecipitation with praseodymium(III) hydroxide and determination by flame atomic absorption spectrometry**

SOYLAK M., Aydin A.

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- CDLXXXI. **Sorbent Extraction of Pb(II), Cu(II), Ni(II) and Fe(III) Ions as 2-(5-Bromo-2-Pyridylazo)-5-Diethylamino-Phenol Chelates on Single-Walled Carbon Nanotube Disks prior to their Flame Atomic Absorption Spectrometric Determinations in Animal Feeds and Natural Water Samples**

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- DLXXXIII. **Cloud Point Extraction and Flame Atomic Absorption Spectrometry Determination of Lead(II) in Environmental and Food Samples**

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- DLXXXIV. **Temperature controlled ionic liquid-dispersive liquid phase microextraction for determination of trace lead level in blood samples prior to analysis by flame atomic absorption spectrometry with multivariate optimization**

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- CDLXXXV. **Amberlite IR-120 Modified with 8-Hydroxyquinoline as Efficient Adsorbent for Solid-Phase Extraction and Flame Atomic Absorption Determination of Trace Amounts of Some Metal Ions**

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- DLXXXIX. **Acetohydrazide Derivative for Selective Separation and Preconcentration of Cu(II) Ions by Coprecipitation Method Without Using a Carrier Element**

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- CDXC. **Dispersive liquid-liquid microextraction of cadmium(II) for preconcentration prior to flame atomic absorption spectrometric detection in water**

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- D. **Determination of rhodamine B in soft drink, waste water and lipstick samples after solid phase extraction**

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- DV. **Preconcentration of Some Trace Metal Ions on SDS Coated Alumina Modified by 1-((6-(2-hydroxynaphthalen-1-yl) methyleneamino) hexylimino) methyl) Naphthalen-2-ol**
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- DVI. **A Novel Nanometer Pore Size Acorn Based Activated Carbon Modified with 2-(4-methoxybenzylideneamino)thiophenol for the Preconcentration of Copper and Zinc Ions and Their Determination in Some Food Samples**
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- DIX. **Determination of Cu, Fe, and Ni in Spices after Preconcentration on Diaion-HP 20 Resin as Their Zincon Complexes**
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- DX. **Determination of Some Heavy Metals by Flame Atomic Absorption Spectrometry Before Coprecipitation with Neodymium Hydroxide**
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- DXI. **Activated Carbon and Multiwalled Carbon Nanotubes as Efficient Adsorbents for Kinetic and Equilibrium Study of Removal of Arsenazo (???) and Methyl Red Dyes from Waste Water**
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- DXIII. Some trace elements in front and rear dorsal ordinary muscles of wild and farmed bluefin tuna (*Thunnus thynnus* L. 1758) in the Turkish part of the eastern Mediterranean Sea**
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- DXV. SDS-coated Sepabeads SP70-modified by 4-[(E)-3-phenylallylidene) amino] benzenethiol as new efficient solid phase for enrichment and determination of copper, nickel, chromium, and zinc ions in soil, plants, and mint water samples**
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- DXVI. Determination of copper, lead and iron in water and food samples after column solid phase extraction using 1-phenylthiosemicarbazide on Dowex Optipore L-493 resin**
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- DXVII. Cloud-Point Extraction of Rhodamine 6G by Using Triton X-100 as the Non-Ionic Surfactant**
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- DXVIII. Solid phase extraction on multiwalled carbon nanotubes and flame atomic absorption spectrometry combination for determination of some metal ions in environmental and food samples**
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- DXX. Solid-phase extraction and determination of trace amount of some metal ions on Duolite XAD 761 modified with a new Schiff base as chelating agent in some food samples**
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- DXXIII. Double-walled carbon nanotubes as a solid phase extractor for separation-preconcentration of traces of gold from geological and water samples**
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- DXXIV. Sorbent extraction of 4-(2-thiazolylazo) resorcinol (TAR)-metal chelates on Diaion SP-850 adsorption resin in order to preconcentration/separation**
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- DXXVI. **Trace element concentrations of some pet foods commercially available in Turkey**
Duran A., Tuzen M., SOYLAK M.
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- DXXVII. **Equilibrium, Thermodynamic, and Kinetic Studies on Lead (II) Biosorption from Aqueous Solution by *Saccharomyces cerevisiae* Biomass**
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- DXXVIII. **Column solid phase extraction of iron(III), copper(II), manganese(II) and lead(II) ions food and water samples on multi-walled carbon nanotubes**
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- DXXX. **Chromium and iron determinations in food and herbal plant samples by atomic absorption spectrometry after solid phase extraction on single-walled carbon nanotubes (SWCNTs) disk**
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- DXXXII. **Determination of trace metals in different fish species and sediments from the River Yesilirmak in Tokat, Turkey**
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- DXXXIII. **Determination of As(III) and As(V) species in some natural water and food samples by solid-phase extraction on *Streptococcus pyogenes* immobilized on Sepabeads SP 70 and hydride generation atomic absorption spectrometry**
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- DXXXIV. **Carrier element-free coprecipitation (CEFC) method for separation and pre-concentration of some metal ions in natural water and soil samples**
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- DXXXV. **Coprecipitation of trace elements with Ni²⁺/2-Nitroso-1-naphthol-4-sulfonic acid and their determination by flame atomic absorption spectrometry**
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- DXLV. Speciation of Mn(II), Mn(VII) and total manganese in water and food samples by coprecipitation-atomic absorption spectrometry combination**
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Aydin F. A., SOYLAK M.
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- DXLVII. A TRIAZOLE DERIVATIVE AS A NEW ACID-BASE INDICATOR**
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- DXLIX. Selective speciation and determination of inorganic arsenic in water, food and biological samples**
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- DL. Membrane Filtration of Nickel(II) on Cellulose Acetate Filters for Its Preconcentration, Separation, and Flame Atomic Absorption Spectrometric Determination**
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- DLV. **Simultaneous Coprecipitation of Lead, Cobalt, Copper, Cadmium, Iron and Nickel in Food Samples with Zirconium(IV) Hydroxide prior to Their Flame Atomic Absorption Spectrometric Determination**
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- DLXV. **Biosorption of Palladium(II) from Aqueous Solution by Moss (Racomitrium Lanuginosum) Biomass: Equilibrium, Kinetic and Thermodynamic Studies**

SARI A., Mendil D., TÜZEN M., SOYLAK M.

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Duran A., TÜZEN M., SOYLAK M.

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- DLXVIII. **Cloud Point Extraction and Flame Atomic Absorption Spectrometric Determination of Cadmium(II), Lead(II), Palladium(II) and Silver(I) in Environmental Samples**

Ghaedi M., Shokrolahi ., Niknam K., Niknam E., Najibi A., SOYLAK M.

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ghaedi M., Tavallali H., Shokrollahi A., Zahedi M., Montazerozohori m., SOYLAK M.

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- DLXXI. **Simultaneous Enrichment-Separation of Metal Ions from Environmental Samples by Solid-Phase Extraction Using Double-Walled Carbon Nanotubes**

SOYLAK M., Unsal Y. E.

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- DLXXII. **Extractable Trace Metals Content of Dust from Vehicle Air Filters as Determined by Sequential Extraction and Flame Atomic Absorption Spectrometry**

SARAÇOĞLU S., SOYLAK M., Elci L.

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- DLXXIII. **Characterization of biosorption process of As(III) on green algae Ulothrix cylindricum**

Tuzen M., Sari A., Mendil D., Uluozlu O. D., SOYLAK M., Dogan M.

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- DLXXIV. **Investigation of the levels of some element in edible oil samples produced in Turkey by atomic absorption spectrometry**

MENDİL D., Uluoelue O. D., Tuzen M., SOYLAK M.

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- DLXXVII. **Column solid-phase extraction of nickel and silver in environmental samples prior to their flame atomic absorption spectrometric determinations**

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- JOURNAL OF HAZARDOUS MATERIALS, cilt.164, ss.1428-1432, 2009 (SCI-Expanded)
- DLXXVIII. **Carrier Element-free Coprecipitation (CEFC) with 3-phenyl-4-o-hydroxybenzylidenamino-4,5-dihydro-1,2,4-triazole-5-one for Separation/ Preconcentration of Cr(III), Fe(III), Pb(II) and Zn(II) from Aqueous Solutions**
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- DLXXX. **Characterization of Biosorption Process of As(III) on Green Algae Ulotrix cylindricum Biomass**
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SOYLAK M., Ercan Ö.
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- DLXXXV. **Carrier Element-free Coprecipitation (CEFC) Method for Separation, Preconcentration and Speciation of Chromium by Using an Isatin Derivative**
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- DXCIII. **Multi-element coprecipitation for separation and enrichment of heavy metal ions for their flame atomic absorption spectrometric determinations**
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- DXCIV. **Preconcentration and Separation of Trace Amount of Copper(II) on N1, N2-bis(4-fluorobenzylidene)ethane-1,2-diamine Loaded on Sepabeads SP70**
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- DCII. **A Novel Method for Speciation of Chromium: Coprecipitation Without Carrier Element by Using a Triazole Derivative**
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- DCIV. **Evaluation of trace metal contents of some wild edible mushrooms from Black sea region, Turkey**
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- DCVIII. **Solid-phase extraction of copper, iron and zinc ions on Bacillus thuringiensis israelensis loaded on Dowex optipore V-493**
TÜZEN M., MELEK E., SOYLAK M.
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SOYLAK M., Kars A., NARİN I.
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- DCX. **Ligandless cloud point extraction of Cr(III), Pb(II), Cu(II), Ni(II), Bi(III), and Cd(II) ions in environmental samples with Tween 80 and flame atomic absorption spectrometric determination**
Çandır S., NARİN I., SOYLAK M.
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- DCXI. **Cloud Point Extraction and Flame Atomic Absorption Spectrometry Combination for Copper(II) in Environmental and Biological Samples**
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- DCXII. **Novel Solid Phase Extraction Procedure for Gold(III) on Dowex M 4195 prior to its Flame Atomic Absorption Spectrometric Determination**
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- DCXIII. **Combination of cloud point extraction and flame atomic absorption spectrometry for preconcentration and determination of trace iron in environmental and biological samples**
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SOYLAK M., Peker D., TÜRKOĞLU O.
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- DURAN A., SOYLAK M., Tuncel S.
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- DCXX. **Heavy Metal Contents of Some Wild Edible Mushrooms from Black Sea Region, Turkey**
sesli E., TÜZEN M., SOYLAK M.
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- DCXXI. **Flame atomic absorption spectrometric determination of trace amounts of heavy metal ions after solid phase extraction using modified sodium dodecyl sulfate coated on alumina**
Ghaedi M., Niknam K., Shokrollahi A., Niknam E., Rajabi ., SOYLAK M.
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- DCXXII. **Biosorption of aluminum on Pseudomonas aeruginosa loaded on Chromosorb 106 prior to its graphite furnace atomic absorption spectrometric determination**
Tuzen M., SOYLAK M.
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- DCXXIII. **The determination of some heavy metals in food samples by flame atomic absorption spectrometry after their separation-preconcentration on bis salicyl aldehyde, 1,3 propan diimine (BSPDI) loaded on activated carbon**
Ghaedi M., Shokrollahi A., Kianfar A. H., Mirsadeghi A. S., Pourfarokhi A., SOYLAK M.
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Saygi K. O., Tuzen M., SOYLAK M., Elci L.
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- DCXXVI. **Multivariate analysis of heavy metal contents of sediments from Gumusler creek, Nigde, Turkey**
Yalcin M. G., NARIN I., SOYLAK M.
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Elci L., Kartal A. A., SOYLAK M.
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- DCXXVIII. **Bacillus Thuringiensis Israelensis -Immobilized on Chromosorb 101: A New Solid Phase Extractor for Preconcentration of Heavy Metal Ions in Environmental Samples**
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Mendil D., TÜZEN M., SOYLAK M.
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- DCXXX. **Three modified activated carbons by different ligands for the solid phase extraction of copper and lead**
ghaedi M., Ahmadi F., Tavakoli Z., Montazerzohori M., Kharlmohammadi A., SOYLAK M.
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Subsp nordmanniana) leaves

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Tuzen M., Saygi K. O., Usta C., SOYLAK M.
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- DCXXXIII. **A Solid Phase Extraction Procedure for Fe³⁺, Cu²⁺ and Zn²⁺ Ions on 2-phenyl-1H- benzo[d] Imidazole Loaded on Triton-X100 Coated Poly Vinyl Chloride**
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uluözlü o., SARI A., TÜZEN M., SOYLAK M.
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- DCXXXV. **Trace metal levels and some chemical parameters in herby cheese collected from south eastern Anatolia-Turkey**
Vural A., NARİN I., Erkan M. E., SOYLAK M.
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NARİN I., Kars A., SOYLAK M.
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- DCXLIV. **Evaluation of trace element contents of powdered beverages from Turkey**

Tuzen M., SARAÇOĞLU S., SOYLAK M.

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Sari A., TÜZEN M., citak D., Soylak M.
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ŞENTÜRK H. B., gündeğdu A., bulut V. N., DURAN C., Soylak M., ELÇİ L., Tufekci M.
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Soy lak M., CAY R. S.
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TÜZEN M., Uluozlu O. D., Soy lak M.
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Uluozlu O. D., Kinalioglu K., TÜZEN M., Soy lak M.
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Bulut V. N., DURAN C., Tüfekci M., ELÇİ L., Soylak M.

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Peker D. S. K., TÜRKOĞLU O., Soylak M.

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Yalcin M. G., Narin I., Soylak M.

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Aydin F. A., Soylak M.

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ghaedi M., Montazerzohori M., Soylak M.

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Soylak M., Divrikli U., Saracoglu S., ELÇİ L.

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Surme Y., Narin I., Soylak M., Yuruk H., DOĞAN M.

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- DCLXXX. **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.

TALANTA, cilt.71, sa.3, ss.1375-1381, 2007 (SCI-Expanded)

- DCLXXXI. **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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- DCLXXXII. **Separation and speciation of selenium in food and water samples by the combination of magnesium hydroxide coprecipitation-graphite furnace atomic absorption spectrometric determination**

TÜZEN M., saygi K. O., Soylak M.

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- DCLXXXIII. **Biosorption of copper(II), lead(II), iron(III) and cobalt(II) on Bacillus sphaericus-loaded Diaion SP-850 resin**

tüzen M., Uluozlu O. D., Usta C., Soylak M.

ANALYTICA CHIMICA ACTA, cilt.581, sa.2, ss.241-246, 2007 (SCI-Expanded)

- DCLXXXIV. **Determination of trace metals in canned fish marketed in Turkey**

tüzen M., Soylak M.

FOOD CHEMISTRY, cilt.101, sa.4, ss.1378-1382, 2007 (SCI-Expanded)

- DCLXXXV. **Determination of trace element contents of baby foods from Turkey**

Saracoglu S., Saygi K. O., Uluozlu O. D., TÜZEN M., Soylak M.

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- CLXXXVI. **Simultaneous preconcentration of trace metals in environmental samples using amberlite XAD-2010/8-hydroxyquinoline system**

gündoğdu A., DURAN C., Senturk H. B., ELÇİ L., Soylak M.

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Sari A., Soylak M.

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Tuzen M., Soylak M.

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Uluozlu O. D., TÜZEN M., Mendil D., Soylak M.

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- DCXC. **Trace element levels in honeys from different regions of Turkey**

TUZEN M., Silici S., mendil d., SOYLAK M.

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- DCXCI. **Biosorption of heavy metals on Aspergillus fumigatus immobilized Diaion HP-2MG resin for their atomic absorption spectrometric determinations**

Soylak M., TÜZEN M., MENDİL D., Turkekul I.

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- DCXCII. **Copper(II)-Rubeanic Acid Coprecipitation System for Separation-Preconcentration of Trace Metal Ions in Environmental Samples for their Flame Atomic Absorption Spectrometric Determinations**

SOYLAK M., ERGOĞAN N.

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Soylak M., TÜZEN M.

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Ghaedi M., Parham H., Moghadam M., Mortazavi K., Soylak M.

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Soylak M., TÜZEN M.

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- DCXCVI. **Flame atomic absorption spectrometric determination of cadmium(II) and lead(II) after their solid phase extraction as dibenzylthiocarbamate chelates on Dowex Optipore V-493**

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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SOYLAK M., çolak h., TÜRKOĞLU O., doğan m.
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DİVRİKLİ Ü., Horzum N., Soylak M., elçi l.
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SOYLAK M., çolak h., TÜRKOĞLU O., TÜZEN M., elçi l.
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Soylak M., TÜZEN M., narin i.
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Soylak M., Colak H., Turkoglu O., Dogan M.
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TÜZEN M., Soylak M.
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TÜZEN M., Soylak M.
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Soylak M., Yilmaz S.
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Soylak M., çolak h., TÜRKOĞLU O.
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Tuzen M., Soylak M.

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TÜZEN M., Soylak M.
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SARI A., AKÇAY M., Soylak M., ÖNAL A.
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Soylak M., saraçoğlu s., TÜZEN M., MENDİL D.
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TÜZEN M., Soylak M., elçi İ.
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Soylak M., saraçoğlu s., DİVRİKLİ Ü., elçi İ.
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ÖZDEMİR S., Türkan Z., KILINÇ E., BARAN M. F., SOYLAK M.
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- X. **Deep Eutectic Solvent Based Microextraction of Tartrazine at Trace Levels**
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- XI. **Deep Eutectic Solvent-Based Microextraction of Brown HT at Trace Levels for its Separation, Preconcentration and Spectrophotometric Determination**
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- XII. **Separation and Pre-concentration of Trace Heavy Metals from Environmental Matrices by a Novel Carrier Element-Free Coprecipitation (CEFC) Method Using a Thiosemicarbazide Derivative Ligand Prior to Their Microwave Plasma-Atomic Emission Spectrometric (MP-AES) Determinations**
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- XIII. **Geochemical investigation of the potability of surface water in Torul Çit River (Gümüşhane, NE Turkey)**
VURAL A., BULUT V. N., ALEMDAĞ S., SOYLAK M.
3rd International Health Sciences and Management Conference, 3 - 06 Ekim 2018, ss.288-294, (Tam Metin Bildiri)
- XIV. **Preconcentration of Ni(II) and Pb(II) by Pleurotus Ostreatus Immobilized γ -Fe₂O₃ Nanoparticles Prior to Its Determination by ICP-OES**
YALÇIN M. S., ÖZDEMİR S., KILINÇ E., SOYLAK M.
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- XV. **A Novel Magnetized Bio-solid Phase Extractor for Preconcentrations of Zn(II) and Cr(III) Ions from Natural Samples.**
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- XVI. **Malahit Yeşilinin Supramoleküler Çözücü ile Mikroekstraksiyonu Sonrası Spektrofotometrik Tayini**
UZCAN F., Erbaş Z., SOYLAK M.
9. Ulusal Analitik Kimya Kongresi, Konya, Türkiye, 19 - 23 Eylül 2018, ss.43, (Özet Bildiri)
- XVII. **The Application of TiO₂/ZnO nanocomposite as a New Trapping Media for Solid Phase Extraction of U and Th**

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- XVIII. **Gümüştuğ Köyü (Torul-Gümüşhane) Tarım Topraklarında Manganın Jeokimyasal Karakterizasyonu**
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- XIX. **Litojenik Bir Element Olarak Alüminyumun Jeokimyasal Fraksiyonlarının Belirlenmesi**
SUNGUR A., ÖZCAN H., GÜR E., SOYLAK M.
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- XX. **Kiraz Bahçelerinde Kobalt Mobilite ve Bioalınabilirliğinin Belirlenmesi (Lapseki-Çanakkale)**
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- XXI. **Serpantin Üzerinde Oluşmuş Toprakların Cr, Ni ve Co İçerikleri**
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- XXII. **Malakit Mineralince Zengin Altere Andezitik Kayaç Üzerinde Oluşmuş Toprakların Ağır Metal İçeriği**
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- XXIII. **Rodamine B Boyar Maddesinin Sıvı Faz Mikroekstraksiyonu ile Zenginleştirilmesi ve UV-VIS Spektrofotometresi ile Tayini**
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- XXIV. **A Thermophilic Biosorbent for Magnetic Solid-Phase Extraction of Mn(II) from Natural Water and Biological Samples**
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- XXV. **Gümüşhane Harşit Çayının Florür İçeriğinin Jeolojik ve Antropojenik Olarak İncelenmesi**
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- XXVI. **Solid phase extraction of Cu (II) with 1-(2-pyridylazo)-2-naphthol on Caprinus Atramentaria**
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- XXVII. **Multiwalled carbon nanotube/CuO/Cu₂O hybrid material as a novel sorbent for fast and effective vortex-assisted solid phase extraction of uranium for ICP-MS detection**
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- XXVIII. **Ultrasound Assisted Deep Eutectic Solvent (DES)-Emulsification Liquid-Liquid Microextraction of Ibuprofen in Water and Pharmaceutical Samples**
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- XXIX. **Preconcentration and Extraction of Copper Ion from Environmental Samples by Using Magnetized Thermophilic Bacillus cereus-SO6**
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- XXX. **Determination of trace element contents in plant teas collected from Antalya region by ICP-MS**
KILIÇ S., SOYLAK M.
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- XXXI. **Hydrothermal Synthesis Procedure As a Effective and Simple Way for Fabrication of Nanocomposite Materials**
YILMAZ E., SOYLAK M.
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- XXXII. **Trace Element Analysis of Some Turkish Chocolate Products Through Micro-wave Digestion and ICP-MS Detection**
DURAN A., YILMAZ E., ŞAHİN U., SOYLAK M.
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- XXXIII. **Selective Extraction of Iron, Gold and Palladium with Dispersive Liquid Liquid Microextraction Method**
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- XXXIV. **Comparison of Cd(II) preconcentration by using magnetized bio-solid phase extractors and its determination in real samples**
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- XXXV. **Preconcentration of Al(III) by coriolus versicolor immobilized γ -Fe₂O₃ nanoparticles prior to its determination by ICP-OES**
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- XXXVI. **Regional monitoring and assessment of water quality surface waters in Arzular-Kabaköy Mineralization/alteration area in Gümüşhane (NE Turkey)**
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1ST INTERNATIONAL CONFERENCE ON INNOVATIONS IN NATURAL SCIENCE AND ENGINEERING, 3 - 06 Ocak 2018, (Özet Bildiri)
- XXXVIII. **Enzyme based hydrolytic microextraction of manganese in food samples**
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- XXXIX. **Some applications of deep eutectic solvents for the microextraction of trace inorganic and organic species**
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- XL. **Some Applications of Deep Eutectic Solvents for the Microextraction of Trace Inorganic and Organic species**
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- XLI. **Liquid phase microextraction of quercetin using amine based extractants in different samples**
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- XLII. **Deep eutectic solvent based liquid phase microextraction method for valence speciation of arsenic (III/V) in real samples**
Erbaş Z., YILMAZ E., SOYLAK M.
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- XLIII. **Development of a ultrasonic assisted restricted access supramolecular solvent based liquid phase microextraction (UA-RAS-LPME) method for the extraction and preconcentration of curcumin**
Menghwar P., YILMAZ E., SOYLAK M.
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- XLIV. **Synthesis and characterization of MWCNTs-NiCo2O4 hybrid material for solid phase extraction of curcumin**
YILMAZ E., DURAN A., SOYLAK M.
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- XLV. **Deep Eutectic Solvent Based Liquid Phase Microextraction Methodfor Rhodamine B in Cosmetic Products and Water Samples: A Green Approach**
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- XLVI. **Synthesis of Mose2 -Mwcnts Quantum Dots and Its Application As An Effectual Adsorbent In Ultrasound-Assisted Dispersive Solid Phase Extraction Of Pb(II) And Cu(II),**
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- XLVII. **Amine-based liquid phase microextraction recovery of Hg(II) from aqueous solutions in the presence of PAN**
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- XLVIII. **Determination of Heavy Metal Mobility in the Soils of Apple Gardens in Umurbey Plain (Çanakkale)**
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- XLIX. **Heavy Metals in the Soil Formed on the Altered Volcanic Rock**
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- L. **Barium in Peach Gardens from Çanakkale,Turkey**
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- LI. **Effect of Agricultural Inputs on Copper Concentration in Cherry Gardens, Çanakkale, Turkey**
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- LII. **Determination of Heavy Metal Mobility in The Soils of Apple Gardens in Umurbey Plain (Çanakkale)**
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- LIII. **Synthesis methacrylamide/divinylbenzene/graphite composite for separation and preconcentration of some trace elements**
NARİN I., Bozdağ A., ŞAHMETLİOĞLU E., SOYLAK M.
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- LIV. **Investigation some characteristics of chicken feather's rachis**
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- LV. **Duyarlı Quarcetine analizi için katı faz destek malzemesi geliştirilmesi**
Songül U., YILMAZ E., SOYLAK M.
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017, (Özet Bildiri)
- LVI. **Poliakrilamid modifiye edilmiş SiO2/Fe3O4/Nanoelmas hibrit materyalinin sentezi, karakterizasyonu ve eser düzeydeki Pb(II) iyonlarının manyetik katı faz ekstraksiyonunda kullanılması**
YILMAZ E., ŞAHMETLİOĞLU E., DURAN A., SOYLAK M.

- XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017, (Özet Bildiri)
- LVII. **B12 VİTAMİNİ'NİN DUYARLI TAYİNİ İÇİN KATI FAZ DESTEK MADDESİ GELİŞTİRİLMESİ**
GÜLLE S., ULUSOY H. İ., YILMAZ E., SOYLAK M.
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017, (Özet Bildiri)
- LVIII. **4-(Benzimidazolisonitrosoasetil)bifenil ligandının Pb(II)'xx nin supramoleküler çözücü temelli sıvı faz mikroekstraksiyonunda kullanımı**
Yemen M., Kayapa F., YILMAZ E., KARATEPE A., Karipçin F., SOYLAK M.
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017, (Özet Bildiri)
- LIX. **Humik asit mikroekstraksiyonu için yeni bir yöntem**
YILMAZ E., ÖZDEMİR B., SOYLAK M.
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017, (Özet Bildiri)
- LX. **Derin ötektik çözücü sıvı faz mikroekstraksiyonu ile eser düzeydeki Ni(II) iyonlarının ayrılması ve zenginleştirilmesi**
Erbaş Z., SOYLAK M., YILMAZ E., Doğan M.
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- LXI. **Maneb'in iyonik sıvı mikroekstraksiyonu ve alevli atomik absorpsiyon spektrometresi ile indirekt tayini**
YILMAZ E., Kestane F., SOYLAK M.
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- LXII. **Poliakrilamid Modifiye Edilmiş SiO₂/Fe₃O₄/Nanoelmas Hibrit Materyalinin Sentezi, Karakterizasyonu ve Eser Düzeydeki Pb(II) İyonlarının Manyetik Katı Faz Ekstraksiyonunda Kullanılması**
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- LXIII. **Maneb'in supramoleküler çözücü sıvı faz mikroekstraksiyonu sonrası spektrofotometrik tayini**
Ağırbaş M., YILMAZ E., SOYLAK M.
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017, (Özet Bildiri)
- LXIV. **GIDA ÖRNEKLERİNDE MANGAN TAYİNİ İÇİN DERİN ÖTEKTİK ÇÖZÜCÜ SİSTEMLERİ**
BAĞDA E., ALTUNDAĞ H., SOYLAK M.
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- LXV. **Su ve gıda örneklerinde bulunan kadmiyum'xxun ultrasonik titreşim temelli supramoleküler çözücü sıvı faz mikroekstraksiyonu sonrası alevli atomik absorpsiyon spektrometresi ile tayini**
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- LXVI. **Monitoring of Heavy Metals in Spices and Herbal Plants from Turkey**
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- LXVII. **A sensitive and selective deep eutectic solvent based ultrasound-assisted liquid phase microextraction of cadmium and copper**
Menghwar P., YILMAZ E., Tufail S., SOYLAK M.
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017, (Özet Bildiri)
- LXVIII. **The use of MoS₂/CNT/Polyaniline material for microsolid phase extraction of DNA**
Baghban N., YILMAZ E., SOYLAK M.
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- LXIX. **GO-CNT-ZNS hibritinin sentezi, karakterizasyonu ve Rodamin B'xxnin katı faz ekstraksiyonunda kullanımı**
Özdemir S., YILMAZ E., SOYLAK M.
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017, (Özet Bildiri)
- LXX. **Synthesis, Characterization and Catalytic Properties of Carbonanotube/GrapheneOxide/Polypyrrole/Magnetic Ferrite/ Palladium (CNT/Go/PP/Fe/Pd)**

Nano CompositeCatalyst

YILMAZ E., ERDOĞAN S., ŞAHMETLİÖĞLU E., SOYLAK M.

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- LXXI. **U(VI) separation and preconcentration by using thermophilic immobilized Bacillus vallismortis**
ODUNCU M. K., ÖZDEMİR S., SOYLAK M., KILINÇ E.
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- LXXII. **The Heavy Metal Effects of Mineralizationand Alteration Areas with Buried OreDeposits Potential on the Surface Waters**
VURAL A., GÜNDOĞDU A., SAKA F., BULUT V. N., ALEMDAĞ S., SOYLAK M.
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- LXXIII. **The Heavy Metal Effects Of Alteration Fields On The Surface Waters: Sariçiçek (Gumushane-Turkey) And Its Near Vicinity**
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- LXXIV. **Ultrasound Assisted Deep Eutectic Solvent Based Emulsification Liquid Phase Microextraction For Speciation Of Chromium**
YILMAZ E., SOYLAK M.
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- LXXV. **Recent trends in nanosized materials for solid phase extraction and solid phase microextraction Green Chemistry Applications**
SOYLAK M.
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- LXXVI. **Modern Trends in Separation and Preconcentration of Analytes at Trace Levels**
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- LXXVII. **Spectrophotometric Detection of Quercetin after Preconcentration by Deep Eutectic Solvent Based Liquid Phase Microextraction**
SAYDAN KANBEROĞLU G., YILMAZ E., SOYLAK M.
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- LXXVIII. **Synthesis and Applications of New Hydrogels Including Selective Ligands for Trace Analysis of Inorganic Species**
ULUSOY S., SOYLAK M.
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- LXXIX. **Recent Strategies on the Microextraction of Trace Species from Environmental Samples**
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- LXXX. **Switchable Hydrophilicity Solvent Based Microextraction of Nickel Prior to Determination by Flame Atomic Absorption Spectrometry**
Reclo M., YILMAZ E., SOYLAK M., Andruch V.
XXI st Slovak - Czech Spectroscopic Conference, Türkiye, 16 - 20 Ekim 2016, (Özet Bildiri)
- LXXXI. **Switchable Solvent Based Liquid Phase Microextraction of Copper at Trace Levels in Environmental Samples**
YILMAZ E., SOYLAK M.
7th International Conference on Optical Spectroscopy, Laser &Their Applications, 18 - 20 Ekim 2016, (Özet Bildiri)
- LXXXII. **A Novel Technique Based on the Using of Deep Eutectic Solvents DESs as Liquid Phase Microextraction Solvent for Determination of Malachite Green Residues in Aquarium and Fish Farm**

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AYDIN F., YILMAZ E., SOYLAK M.

7th International Conference on Optical Spectroscopy, Laser & Their Applications, 18 - 20 Ekim 2016, (Özet Bildiri)

- LXXXIII. **Trace Determination of Copper by Microsampling Flame Atomic Absorption Spectrometry After Supramolecular Solvent Microextraction**

YILMAZ E., SOYLAK M.

7th International Conference on Optical Spectroscopy, Laser & Their Applications, 18 - 20 Ekim 2016, (Özet Bildiri)

- LXXXIV. **Determination for Sildenafil Citrate at Trace Levels by Using Magnetic Hybrid Nano Composite**

ULUSOY H. İ., YILMAZ E., SOYLAK M.

10th Aegean Analytical Chemistry Days, 29 Eylül - 02 Ekim 2016, (Özet Bildiri)

- LXXXV. **Deep Eutectic Solvents A Green Solvent System For Digestion And Ultrasound Assisted Liquid Phase Microextraction Of Copper In Liver Samples**

SAYDAN KANBEROĞLU G., YILMAZ E., SOYLAK M.

1st International Black Sea Congress On Environmental Sciences (IBCESS), 31 Ağustos - 03 Eylül 2016, (Özet Bildiri)

- LXXXVI. **Facile Synthesis of Reduced Of Graphene Oxide Nanodiamond Palladium Nanocomposites With Enhanced Catalytic Activity**

YILMAZ E., SOYLAK M.

1st International Black Sea Congress On Environmental Sciences, 31 Ağustos - 03 Eylül 2016, (Özet Bildiri)

- LXXXVII. **The Using Of Deep Eutectic Solvents DESs In Spectrophotometric Determination Of Curcumin**

AYDIN F., YILMAZ E., SOYLAK M.

1st International Black Sea Congress On Environmental Sciences (IBCESS), 31 Ağustos - 03 Eylül 2016, (Özet Bildiri)

- LXXXVIII. **Modern Trends in Solid Phase Extraction of trace elements Preparation and Characterization of Nanosized Materials**

SOYLAK M.

The 27th National and 15th International Chemistry Conference, malakand, Pakistan, 22 - 25 Ağustos 2016

- LXXXIX. **Switchable Solvent Based Liquid Phase Microextraction of Cd II at Trace Levels**

YILMAZ E., SOYLAK M.

2nd International Turkic World Conference on Chemical Sciences And Technologies (2nd ITWCCST), 26 - 30 Ekim 2016, (Özet Bildiri)

- XC. **Çevresel Örneklerde Eser Düzeyde Bulunan Pb(II)' nin Zenginleştirilmesinde Yeni Bir Sıvı Faz Mikroekstraksiyon Yöntemi**

SOYLAK M., ŞAHİN S., YILMAZ E.

IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)

- XCI. **Pb(II), Cu(II), Ni(II) VE Cd(II) İyonlarının Trietilen Tetraamin Modifiye Edilmiş Çok Duvarlı Karbon Nanotüp Üzerinde Zenginleştirilmesi**

ALOTHMAN Z., YILMAZ E., HABILA M., ALSOHAİMİ İ., ALDAWSARI A., ALHARBI N., SOYLAK M.

IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)

- XCII. **Nano Fe₃O₄/Nanodiamond/SiO₂ Nanokompozitinin Sentezi, Karakterizasyonu ve Pb(II) İyonlarının Manyetik Katı Faz Ekstraksiyonunda Kullanımı**

SAYDAN KANBEROĞLU G., YILMAZ E., SOYLAK M.

IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)

- XCIII. **Derin Ötektik Çözücü Esaslı Sıvı Faz Mikroekstraksiyonu İle Malahit Yeşilinin Ayrılması Ve Zenginleştirilmesi**

AYDIN F., YILMAZ E., SOYLAK M.

IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)

- XCIV. **Supramoleküler Çözücü Esaslı Sıvı Faz Mikroekstraksiyon Yöntemi İle Fosfatın Ayrılması, Zenginleştirilmesi Ve Spektrofotometrik Tayini**

SOYLAK M., GÖRÜCÜ H., YILMAZ E.

IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)

- XCV. **Aktif Karbon Kumaşı Üzerinde DNA Ayrılması Zenginleştirilmesi ve UV-VIS Spektrofotometrik Tayini**
MEMON Z. M., YILMAZ E., SHAH A., GUL KAZI T., DEVRAJANI B., SOYLAK M.
IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)
- XCVI. **Manyetik Grafen Oksit Üzerinde Pb(II), Cu(II) VE Cd(II) İyonlarının Katı Faz Ekstraksiyonu**
SOYLAK M., ACAR D., YILMAZ E., ElKhodary S., İBRAHİM M.
IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)
- XCVII. **NANO Fe₃O₄-GO-MoS₂-SiO₂ HİBRİTİNİN SENTEZİ,KARAKTERİZASYONU VE MANYETİK KATI FAZEKSTRAKSİYONUNDA KULLANIMI**
YILMAZ E., ÖZDEMİR B., ÖÇSOY İ., SOYLAK M.
IV. ESER ANALİZ KONGRESİ, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)
- XCVIII. **(3-Aminopropil) Trietoksi silane Modifiye Edilmiş GO/CNT/FE₃O₄/SiO₂ Nano Hibritinin Sentezi, Karakterizasyonu Ve Eser Metal Zenginleştirilmesinde Kullanımı**
YILMAZ E., AĞIRBAŞ M., SOYLAK M.
IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)
- XCIX. **Manyetik Aktif Karbon Kumaşının Flavanoid Zenginleştirilmesi Ve Ayrılmasında Kullanımı**
ARAIN M. B., YILMAZ E., HODA N., KAZI T. G., SOYLAK M.
IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)
- C. **Manyetik İnorganik Hibrit Nanokompozit Kullanarak Parasetamol Ve Kafeinin Ayırma Ve Zenginleştirilmesi**
ULUSOY H. İ., YILMAZ E., SOYLAK M.
IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)
- CI. **Marketlerde Satılan Çeşitli Granola Örneklerinin Ağır Metal Düzeyleri**
DURAN A., YILMAZ E., SOYLAK M.
IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016, (Özet Bildiri)
- CII. **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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11. th international symposium on analytical and environmental chemistry, 7 - 08 Mart 2016, (Özet Bildiri)
- CIII. **Preparation and characterization of magnetic allylamine modified graphene oxide-poly (vinyl acetate-co-divinylbenzene) nanocomposite for vortex assisted magnetic solid phase extraction of some metals**
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- CIV. **Vortex assisted magnetic solid phase extraction of lead II and cobalt II on silica coated magnetic carbon nanotubes impregnated 1 2 Pyridylazo 2 naphthol**
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11th International Symposium on Analytical and Environmental Chemistry (ISAEC-2016), Jamshoro, Pakistan, 7 - 08 Mart 2016
- CV. **Magnetic Phosphorus Containing Polymer for Fast and Selective Solid Phase Extraction of Trace Amounts of Cd II and Pb II**
YILMAZ E., RASİM a., SOYLAK M.
1st International Turkic World Conference on Chemical Sciences and Technologies, ITWCCST2015, Bosna-Hersek, 27 Ekim - 01 Kasım 2015, cilt.1, ss.52
- CVI. **Use of Supramolecular Solvents for Liquid Phase Microextraction of Gold III from Environmental Samples**
YILMAZ E., SOYLAK M.
1st International Turkic World Conference on Chemical Sciences and Technologies, Bosna-Hersek, 27 Ekim - 01 Kasım 2015, cilt.1, ss.79, (Özet Bildiri)
- CVII. **Dispersive Liquid Liquid Micro Extraction of Lead II for Preconcentration and Separation in Environmental Samples**
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- CVIII. **Separation and Preconcentration of Palladium on Magnetic Polyhydroxybutyrate b Polydimethylsiloxane PHB b PDMS and its Determination in Environmental Samples by Flame Atomic Absorption Spectrometry**
TÜZEN M., YUNUS EMRE Ü., SOYLAK M., HAZER B.
1st International Turkic World Conference on Chemical Sciences and Technologies, Bosna-Hersek, 27 Ekim - 01 Kasım 2015, cilt1, ss.50, (Özet Bildiri)
- CIX. **Speciation of inorganic antimony by using solid phase extraction in natural water samples by atomic absorption Spectrometry**
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- CX. **Cloud point extraction and spectrophotometric determination of selenium at trace levels in cosmetic food and environmental samples**
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- CXI. **Nanosized materials for solid phase extraction and solid phase microextraction of trace metals**
SOYLAK M.
7. Black Sea Basin Conference on Analytical Chemistry, 10 - 15 Eylül 2015, cilt1, ss.12
- CXII. **Spectrophotometric determination of Mercury after Supramolecular solvent based Microextraction Ss ME in environmental samples**
AYDIN F., YILMAZ E., SOYLAK M.
7. Black Sea Basin Conference on Analytical Chemistry, 10 - 15 Eylül 2015, cilt1, ss.67
- CXIII. **Ultrasound assisted ionic liquid dispersive liquid liquid microextraction of Curcumin and its spectrophotometric determination in food samples**
YUNUS EMRE Ü., TÜZEN M., SOYLAK M.
7. Black Sea Basin Conference on Analytical Chemistry, Bulgaristan, 10 - 15 Eylül 2015, cilt.1
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SOYLAK M.
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- CXVI. **Cd II Ve Pb II Nin Katı Faz Mikroekstraksiyonu İçin Cu Iı Bsa Flower Hibrit Materyalinin Sentezi ve Karakterizasyonu**
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- CXVII. **Çölyak Hastaları İçin Gluten İçermeyen Gıda Örneklerinde Ağır Metal Analizi**
SOYLAK M., DURAN A., YILMAZ E.
27. Ulusal Kimya Kongresi, Türkiye, 23 - 28 Ağustos 2015, (Özet Bildiri)
- CXVIII. **Eser Düzeydeki Co(II)' nin Supramoleküler Temelli Sıvı Faz Mikroekstraksiyonu**
ALOTHMAN Z., HABILA M., ALHARBI N., YILMAZ E., SOYLAK M.
27. Ulusal Kimya Kongresi, Türkiye, 23 - 28 Ağustos 2015, (Özet Bildiri)
- CXIX. **Mikroekstraksiyonu İçin Cu(II)-BSA Flower Hibrit Materyalinin Sentezi ve Karakterizasyonu**
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YILMAZ E., ÖZDEMİR N., ÖÇSOY İ., SOYLAK M.

27. Ulusal Kimya Kongresi, Çanakkale, Türkiye, 23 - 28 Ağustos 2015, (Özet Bildiri)
- CXXI. **Cd(II) ve Pb(II)'nin Mikroekstraksiyonu İçin Cu(II)-BSA Flower Hibrit Materyalinin Sentezi ve Karakterizasyonu**
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27. Ulusal Kimya Kongresi, Çanakkale, Türkiye, 23 - 28 Ağustos 2015, ss.587, (Tam Metin Bildiri)
- CXXII. **Protein-Inorganic BSA-Cu(II) Hybrid Nanoflowers Biosensor for Detection of Hg(II) ions**
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KHAN M., YILMAZ E., SOYLAK M.
XIV. Ulusal Spektroskopi Kongresi, Türkiye, 29 - 31 Mayıs 2015, (Özet Bildiri)
- CXXV. **Ultrasonik Titreşim Esaslı Deep Eutectic Solvent Mikroekstraksiyonunun Hayvan Ciğerlerindeki Demir' in Tayininde kullanılması**
YILMAZ E., SOYLAK M.
XIV. Ulusal Spektroskopi Kongresi, Türkiye, 29 - 31 Mayıs 2015, (Özet Bildiri)
- CXXVI. **Eser Düzeydeki Karbaril' in Supramoleküler Çözücü Mikroekstraksiyonu ve Ultra Performans Sıvı Kromatografisi- Kütle Spektrometresi ile Tayini**
ALOTHMAN Z., YILMAZ E., ABDELGHAFAR A., HABILA M., SOYLAK M.
XIV. Ulusal Spektroskopi Kongresi, Türkiye, 29 - 31 Mayıs 2015, (Özet Bildiri)
- CXXVII. **Manyetik Allilamin Modifiye Edilmiş Grafen oksit-poli(vinil asetat-co-divinilbenzen) (MGODVB-VB) Üzerinde Bazı Metal İyonlarının Katı Faz Ekstraksiyonu**
KHAN M., YILMAZ E., SEVİNÇ B., ŞAHMETLİOĞLU E., SHAH J., RASUL M., SOYLAK M.
27. Ulusal Kimya Kongresi, Türkiye, 23 Ağustos - 28 Mayıs 2015, (Özet Bildiri)
- CXXVIII. **Synthesizing and Characterization of Magnetic Graphene-Conducting Polymer Composite for Enrichment of Metlas**
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- CXXIX. **Sample Preparation for Trace Metal Analysis by Atomic Spectroscopy**
SOYLAK M.
The 6th International Conference on Optical Spectroscopy, Laser and their Applications, Mısır, 6 - 10 Nisan 2015, cilt.1, ss.22
- CXXX. **Selective and Sensitive Speciation and Separation of Chromium in Natural Water Black Tea and Soil Samples using Membrane Filtration and FAAS Combination**
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- CXXXI. **Combination of Supramolecular Solvent Ss Microextraction and Ultra Performance Liquid Chromatography Tandem Mass Spectrometry for Preconcentration and Determination of Malathion**
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- CXXXII. **Copper II Enrichment by Dispersive Liquid Liquid Microextraction Before Flame Atomic Absorption Spectrometric Detection**
ZEİD A., YUNUS EMRE u., MUHAMMED h., SHABAKA a., TÜZEN M., SOYLAK M.
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- CXXXIII. **Flame Atomic Absorption Spectrometric Determination of Lead in Water and Tobacco Samples after Pre concentration by Dispersive Liquid Liquid Micro Extraction**
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- CXXXV. **Manyetik nanodiamond' un ziram' ın zenginleştirilmesinde kullanımı**
YILMAZ E., Soylak M.
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- CXXXVI. **Manyetik karbon nanotüp sentezi ve çözelti ortamından flavanoid izolasyonunda kullanımı**
ÖZDEMİR N., Çatalkaya R., Yılmaz E., Soylak M.
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- CXXXVII. **Bakır(II) iyonlarının çeşitli ortamlardan mikroekstraksiyonu**
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- CXXXVIII. **Bakır(II) İyonlarının Çeşitli ortamlardan Mikroekstraksiyonu**
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7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Türkiye, 1 - 05 Eylül 2014, ss.42, (Tam Metin Bildiri)
- CXXXIX. **SU ÖRNEKLERİNDEKİ Pb(II) İYONUNUN KATI FAZ EKSTRAKSİYONU İLE ZENGİNLEŞTİRİLMESİ İÇİN POLİPİROL-ÇOK DUVARLI KARBON NANOTÜP KOMPOZİT SENTEZİ**
ŞAHMETLİÖĞLU E., YILMAZ E., AKTAŞ E., SOYLAK M.
III. Eser Analiz Çalıştayı, Tokat, Türkiye, 15 - 18 Mayıs 2014, ss.14, (Tam Metin Bildiri)
- CXL. **SUBRAMOLEKÜLER SOLVENT BAZLI MİKRO EKSTRAKSİYON (SUSME) TEKNİĞİ KULLANILARAK Cu(II) İYONUNUN MİKROEKSTRAKSİYONU VE FAAS İLE TAYİNİ**
aydın F., YILMAZ E., SOYLAK M.
III. Eser Analiz Çalıştayı, Tokat, Türkiye, 15 - 18 Mayıs 2014, ss.80, (Tam Metin Bildiri)
- CXLI. **Supramoleküler çözücü mikroekstraksiyonu ile eser düzeydeki bakırın zenginleştirilmesi**
YILMAZ E., SOYLAK M.
III. Eser Analiz Çalıştayı, Türkiye, 15 - 18 Mayıs 2014, (Özet Bildiri)
- CXLII. **Alevli atomik absorpsiyon spektrometresi ile tayinleri öncesi nikel ve kobaltın dispersive sıvı-svı mikroekstraksiyonu ile ayrılması ve zenginleştirilmesi**
SOYLAK M., KARATEPE A., YILMAZ E., KAMAŞ D.
III. Eser Analiz Çalıştayı, Türkiye, 15 - 18 Mayıs 2014, (Özet Bildiri)
- CXLIII. **Su örneklerindeki Pb(II) iyonunun katı faz ekstraksiyonu ile zenginleştirilmesi için polipirrol-çok duvarlı karbon nanotüp kompozit sentezi**
ŞAHMETLİÖĞLU E., YILMAZ E., SOYLAK M., AKTAŞ E.
III. Eser Analiz Çalıştayı, Türkiye, 15 - 18 Mayıs 2014, (Özet Bildiri)
- CXLIV. **Cu(II)' nin 3-Hidroksi-4-Metil-2(3H)-tiyazoltiyon kompleksleri halinde ters misel mikroekstraksiyonu ile zenginleştirilmesi ve AAS ile miktar tayini**
SOYLAK M., DURAN A., YILMAZ E.
III. Eser Analiz Çalıştayı, Türkiye, 15 - 18 Mayıs 2014, (Özet Bildiri)
- CXLV. **Kayısı (Prunus armeniaca) çekirdeklerinden düşük maliyetli aktif karbon üretimi, karakterizasyonu ve atık sulardan metal iyonlarının uzaklaştırılmasında adsorpsiyon performansının incelenmesi**
YILMAZ E., SOYLAK M., GÜNDOĞDU A.
III. Eser Analiz Çalıştayı, Türkiye, 15 - 18 Mayıs 2014, (Özet Bildiri)
- CXLVI. **1-NİTROSO-2-NAFTOL-3,6-DİSULFONİK ASİT MODİFİYE EDİLMİŞ ÇOK DUVARLI KARBON NANOTÜP**

ÜZERİNDE KURŞUN VE BAKIRIN ZENGİNLEŞTİRİLMESİ VE AAS İLE TAYİNİ

Al-othman Z., YILMAZ E., Habila M., soylak M.

III. Eser Analiz Çalıştayı, Tokat, Türkiye, 15 - 18 Mayıs 2014, ss.128, (Tam Metin Bildiri)

- CXLVII. **APPLICATION OF FACTORIAL DESIGN IN THE OPTIMIZATION OF SOLIDPHASE EXTRACTION USING DIETHYLAMINE MODIFICATEDPHOSPHORUS-CONTAINING POLYMER AS A ADSORBENTFORPRECONCENTRATION AND SEPARATION OF COPPER AND ZINC INWATER SAMPLES FOLLOWED BY FLAME ATOMIC ABSORPTIONSPECTROMETRY**

Jalbani N., YILMAZ E., Rasim A., SOYLAK M.

III. Eser Analiz Çalıştayı, Türkiye, 15 - 18 Mayıs 2014, (Özet Bildiri)

- CXLVIII. **1-Nitroso-2-Naftol-3,6-Disülfonik asit modifiye edilmiş çok duvarlı karbon nanotüp üzerinde kurşun ve bakırın zenginleştirilmesi ve AAS ile tayini**

ALOTHMAN Z., YILMAZ E., HABILA M., SOYLAK M.

III. Eser Analiz Çalıştayı, Türkiye, 15 - 18 Mayıs 2014, (Özet Bildiri)

- CXLIX. **SUPRAMOLEKÜLER ÇÖZÜCÜ MİKROEKSTRAKSİYONU İLE ESER DÜZEYDEKİ BAKIRIN ZENGİNLEŞTİRİLMESİ**

YILMAZ E., Soylak M.

III. Eser Analiz Çalıştayı, Tokat, Türkiye, 15 - 18 Mayıs 2014, ss.13, (Tam Metin Bildiri)

- CL. **KAYISI (Prunus armeniaca) ÇEKİRDEKLERİNDEN DÜŞÜK MALİYETLİ AKTİF KARBON ÜRETİMİ, KARAKTERİZASYONU VE ATIK SULARDAN METAL İYONLARININ UZAKLAŞTIRILMASINDA ADSORPSİYON PERFORMANSININ İNCELENMESİ**

YILMAZ E., gündoğdu a., SOYLAK M.

III. Eser Analiz Çalıştayı, Tokat, Türkiye, 15 - 18 Mayıs 2014, ss.79, (Tam Metin Bildiri)

- CLI. **Supramoleküler solvent bazlı mikroekstraksiyon (SUSME) tekniği kullanılarak Cu(II) iyonunun mikroekstraksiyonu ve FAAS ile tayini**

AYDIN F., YILMAZ E., SOYLAK M.

III. Eser Analiz Çalıştayı, Türkiye, 15 - 18 Mayıs 2014, (Özet Bildiri)

- CLII. **Cu(II)' NİN 3-HİDROKSİ-4-METİL-2(3H)-TİYAZOLTİYON KOMPLEKSLERİ HALİNDE TERS MİSEL MİKROEKSTRAKSİYONU İLE ÖNZENGİNLEŞTİRİLMESİ VE AAS İLE MİKTAR TAYİNİ**

SOYLAK M., duran A., YILMAZ E.

III. Eser Analiz Çalıştayı, Tokat, Türkiye, 15 - 18 Mayıs 2014, ss.43, (Tam Metin Bildiri)

- CLIII. **ALEVLİ ATOMİK ABSORPSİYON SPEKTROMETRESİ İLE TAYİNLERİ ÖNCESİ NİKEL VE KOBALTIN DİSPERSİVE SIVI-SIVI MİKROEKSTRAKSİYONU İLE AYRILMASI VE ZENGİNLEŞTİRİLMESİ**

SOYLAK M., Karatepe A., YILMAZ E., kamaş D.

III. Eser Analiz Çalıştayı, Tokat, Türkiye, 15 - 18 Mayıs 2014, ss.71, (Tam Metin Bildiri)

- CLIV. **Enrichment of lead from water and tobacco samplesby dispersive liquid-liquid microextraction**

Alothman Z., Habila M., YILMAZ E., Warad I., SOYLAK M.

The 5. National conference on optical spectroscopy, laser and their applications, Türkiye, 24 - 27 Mart 2014, (Özet Bildiri)

- CLV. **interactioons between Pb(II)-1,3,4-thiadiazole-2,5-dithiol and Mn(II)-1,3,4-thiadiazole-2,5-dithiol complexes and activated carbon cloth as an application of solid phae extraction**

YILMAZ E., İbrahim M., SOYLAK M.

The 5th National Conference on Optical Spectroscopy, Laser & Their Applications, Kahire, Mısır, 24 - 27 Mart 2014, ss.93, (Tam Metin Bildiri)

- CLVI. **Kayseri Marketlerinde Satılan Kırmızı ve Siyah Biberlerin AğırMetal İçerikleri**

SOYLAK M., YILMAZ E.

II.Tıbbi Jeoloji Çalıştayı, Türkiye, 4 - 06 Aralık 2013, (Özet Bildiri)

- CLVII. **Çevresel Örneklerde Metallerin Tayinlerinde Yeni Yaklaşımla**

Soylak M., YILMAZ E.

II.Tıbbi Jeoloji Çalıştayı, Antalya, Türkiye, 4 - 06 Aralık 2013, ss.153-154, (Tam Metin Bildiri)

- CLVIII. **Gıda Örneklerinde Eser Metal Analizi: Katı faz ekstraksiyonu ve Alevli atomik absorpsiyon spektrometrik analizi kombinasyonu**

ALothman Z., Habila M., YILMAZ E., Soylak M.

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- CLIX. **Dispersive liquid-liquid microextraction of Pb(II) prior to analysis by flame atomic absorption spectrometry with multivariate optimization**

HABILA M., YILMAZ E., ALOTHMAN Z., SOYLAK M.

2nd International Conference on New Trends in Chemometrics and Applications, 25 - 28 Ekim 2013, (Özet Bildiri)

- CLX. **Application of factorial design in the optimization of preconcentration and separation for trace amounts of Cu(II) and Zn(II) for their determination by flame atomic absorption spectrometry**

Jalbani N. B., YILMAZ E., Alosmanov R., SOYLAK M.

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- CLXI. **Dispersive liquid-liquid microextraction of Pb(II) prior to analysis by flame atomic absorption spectrometry with multivariate optimization, 30, 2nd International Conference on New Trends in Chemometrics and Applications**

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- CLXII. **Eser düzeydeki kurşun'un zenginleştirilmesi için aktif karbon kumaşının kullanımı**

Alothman Z., YILMAZ E., Habila M., SOYLAK M.

XIII. Ulusal Spektroskopi kongresi, Türkiye, 15 - 18 Mayıs 2013, (Özet Bildiri)

- CLXIII. **Bazı Gıda Örneklerindeki Brilliant Blue, Karmin Ve Tartrazin Boyalarının Zenginleştirilmesi Ve Uv-Vis Spektrofotometre İle Tayini**

karatepe a., AKALIN Ç., YILMAZ E., soylak M.

XIII. Ulusal Spektroskopi Kongres, Burdur, Türkiye, 15 - 18 Mayıs 2013, ss.224, (Tam Metin Bildiri)

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

KIZIL N., YILMAZ E., SOYLAK M., tüzen m.

XIII. Ulusal Spektroskopi Kongres, Burdur, Türkiye, 15 - 18 Mayıs 2013, ss.180, (Tam Metin Bildiri)

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

Al-othman Z., YILMAZ E., Habila M., Soylak M.

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- CLXVI. **Cu(II)'nin dispersif sıvı-sıvı mikroekstraksiyonu**

ALothman Z., Habila M., YILMAZ E., Soylak M.

1st International Conference on Chemistry and Chemical Engineering (CCE2013), Baku, Azerbaycan, 18 - 21 Nisan 2013, ss.178, (Tam Metin Bildiri)

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

Al-othman Z., YILMAZ E., Habila M., soylak M.

1st International Conference on Chemistry and Chemical Engineering (CCE2013), Baku, Azerbaycan, 18 - 21 Nisan 2013, ss.63, (Özet Bildiri)

- CLXVIII. **Çevre Kirliliğinde Ağır Metal İyonları: Yahyalı'da Yetiştirilen Bazı Sebze ve Meyvelerin Ağır Metal Düzeyler**

SOYLAK M., YILMAZ E.

I. Ulusal Yahyalı Sempozyumu, Kayseri, Türkiye, 24 Eylül 2012, ss.1, (Tam Metin Bildiri)

- CLXIX. **A Novel Block Copolymer For Solid Phase Extraction Of Lead And Copper In Biological Samples**

Wadhwa S., TÜZEN M., Gul Kazi T., SOYLAK M., Akkirmann Z., Hazer B.

3rd Pak-Turk Conference on Chemical Sciences (3PTSCS), Bursa, Türkiye, 13 - 15 Eylül 2012, ss.25, (Özet Bildiri)

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

Kandhro G. A., SOYLAK M., Gul Kazi T., YILMAZ E., Afridi H.

3rd Pak-Turk Conference on Chemical Sciences (3PTSCS), Bursa, Türkiye, 13 - 15 Eylül 2012, ss.98, (Özet Bildiri)

- CLXXI. **Trends In Microextraction For Trace Level Concentration of Metals And Its Application To Environmental, Food And Biological Samples**
SOYLAK M.
3rd Pak-Turk Conference on Chemical Sciences (3PTSCS), Bursa, Türkiye, 13 - 15 Eylül 2012, ss.10, (Tam Metin Bildiri)
- CLXXII. **Eser Düzeydeki Nikelin Dispersif Sıvı-Sıvı Mikroekstraksiyonu**
Allothman Z. A., YILMAZ E., Soylak M., Habila M.
VI. Ulusal Analitik Kimya Kongresi, Hatay, Türkiye, 3 - 07 Eylül 2012, ss.208, (Tam Metin Bildiri)
- CLXXIII. **Çok Duvarlı Karbon Nano Tüp Üzerinde Cd(II), Ni(II), Pb(II), Cu(II) ve Zn(II) İyonlarının Zenginleştirilmesi**
YILMAZ E., Soylak M.
VI. Ulusal Analitik Kimya Kongresi, Hatay, Türkiye, 3 - 07 Eylül 2012, ss.109, (Tam Metin Bildiri)
- CLXXIV. **A Simple And Green Ionic Liquid Based Liquid-Liquid Microextraction For Pb(II) Preconcentration Using Triton X-100 as Dispersant**
Shah F., YILMAZ E., Gul Kazi T., Afridi H. I., SOYLAK M.
II. Eser analiz Çalıştayı, Trabzon, Türkiye, 27 - 30 Haziran 2012, ss.26, (Tam Metin Bildiri)
- CLXXV. **Dispersive Liquid-Liquid Microextraction for PreConcentration of Copper As 1-(2-Pyridylazo)-2-Naphthol Complex Followed by Flame Atomic Absorption Spectrometry**
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- CLXXVII. **Altın'ın İyonik Sıvı Mikroekstraksiyonu Zenginleştirilmesi**
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II. Eser Analiz Çalıştayı, Trabzon, Türkiye, 27 - 30 Haziran 2012, ss.70, (Tam Metin Bildiri)
- CLXXVIII. **Farklı Özellikteki Topraklarda Ardışık Ekstraksiyon Yöntemiyle Bazı Ağır Metallerin Tayini**
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II. Eser Analiz Çalıştayı, Trabzon, Türkiye, 27 - 30 Haziran 2012, ss.71, (Tam Metin Bildiri)
- CLXXX. **Speciation of Chromium in Water and Soil Samples after Coprecipitation**
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- CLXXXI. **Heavy metal levels in honey and honeybee samples from South-West Anatolia**
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- CLXXXIII. **Kurşunun Bulutlanma Noktası Ekstraksiyonu ile Ayrılması ve Zenginleştirilmesi**
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- CLXXXIV. **Determination of Pb(II), Cu(II), Ni(II) and Fe(III) by Flame Atomic Absorption Spectrometry after Preconcentration on Single Carbon Nanotube**
YILMAZ E., Allothman Z. A., Sumayli H., İbrahim M., Soylak M.

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- CLXXXV. **TRACE ELEMENT LEVELS OF ORGANICALLY PRODUCED MEDICINAL PLANT SAMPLES FROM TURKEY**
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- CLXXXVII. **Kayseri İli İncesu İlçesindeki Toprak, Üzüm ve Pekmez Örneklerinin Ağır Metal Düzeylerinin AAS İle Belirlenmesi**
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- CCII. **Potentiometric Determination of Fluoride and Iodide in Kales (Brassica oleracea var. Acephala) Grown in Eastern Black Sea Region**
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- CCIV. **Separation and Preconcentration of Cr(III), Fe(III), Pb(II) and Zn(II) with Carrier Element-Free Coprecipitation Method Using a Triazole**
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- CCVII. **Arsenic Speciation on Alternaria Solani Loaded Diaion HP-2MG by Hydride Generation Atomic Absorption Spectrometric**
TÜZEN M., saygı k., SOYLAK M.
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- CCIX. **Separation and Speciation of Arsenic in Environmental Samples by the Combination of Aluminium Hydroxide Coprecipitation and Hydride Generation Atomic Absorption Spectrometric Determination**
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Özdemir E., NARİN I., Özbilge H., Hızlısoy H., SOYLAK M.
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TÜZEN M., SOYLAK M.
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X. Ulusal Spektroskopi Kongresi, İzmir, Türkiye, 4 - 07 Temmuz 2007, ss.108, (Özet Bildiri)
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- CCXXVIII. **Liken (Parmelina tiliaceae) ile Sulu Çözültiden Pb(II) ve Cr(III)' ün Uzaklaştırılması**
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- CCXXIX. **Kayseri Marketlerinde Sunulan Çeşitli Şekerleme ve Sakız Örneklerinin Ağır Metal Düzeylerinin AAS ile Belirlenmesi**
DURAN A., TÜZEN M., SOYLAK M.
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- CCXCVIII. **V205 Dope Edilmiş ?-Bi2O3 Katı Çözeltisinin Elektriksel İletkenliğinin İncelenmesi**
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SOYLAK M., SARAÇOĞLU S., ELÇİ L., DOĞAN M.

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DOĞAN M., SOYLAK M., ELÇİ L., BOHLEN A. V.

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SOYLAK M., DİVRİKLİ Ü., ELÇİ L., DOĞAN M.

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CCCX. Determination of Some Metal Contents of Roadside Soils from Yozgat-Turkey, 3rd Mediterranean Basin Conference on Analytical Chemistry, MBCAC III

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CCCXV. Speciation of Antimony in Water Samples Using Column Filled Chromosorb-102 Resin

SARAÇOĞLU S., SOYLAK M., ELÇİ L.

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