

Doç. Dr. ERKAN YILMAZ

Kişisel Bilgiler

E-posta: erkanyilmaz@erciyes.edu.tr

Web: <https://avesis.erciyes.edu.tr/erkanyilmaz/>

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0001-8962-3199

ScopusID: 55415378600

Yoksis Araştırmacı ID: 186678

Eğitim Bilgileri

Doktora, Erciyes Üniversitesi, Fen Fakültesi, Türkiye 2012 - 2016

Yüksek Lisans, Erciyes Üniversitesi, Fen Fakültesi, Türkiye 2010 - 2012

Lisans, Karadeniz Teknik Üniversitesi, Fen Fakültesi, Türkiye 2004 - 2008

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Yüksek Lisans, KARBON NANOTÜP ÜZERİNDE BAZI METAL İYONLARININ ZENGİNLEŞTİRİLMESİ, Erciyes Üniversitesi, Fen Fakültesi, Kimya, 2012

Araştırma Alanları

Teknik Bilimler, Çevre Mühendisliği, Çevre Bilimleri, Çevre Kimyası, Temel Bilimler, Kimya, Analitik Kimya, Ayırma Teknikleri, Kromatografi, Mikro ve Yarımikro Analiz Yöntemleri, Spektroskopik Yöntemler

Akademik Unvanlar / Görevler

Doç. Dr., Erciyes Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2020 - Devam Ediyor

Dr. Öğr. Üyesi, Erciyes Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2018 - 2019

Araştırma Görevlisi, Erciyes Üniversitesi, Fen Fakültesi, Kimya, 2009 - 2017

Akademik İdari Deneyim

Erciyes Üniversitesi, 2018 - Devam Ediyor

Erciyes Üniversitesi, 2019 - 2022

Erciyes Üniversitesi, 2018 - 2021

Erciyes Üniversitesi, 2018 - 2018

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Advancements in reusable SERS substrates for trace analysis applications**
YAVUZ E., ŞAKİR M., ÖNSES M. S., Salem S., YILMAZ E.
Talanta, cilt.279, 2024 (SCI-Expanded)
- II. **Unlocking the Potential of Bismuth-Based Materials in Supercapacitor Technology: A Comprehensive Review**
Yetiman S., Peçenek H., Dokan F. K., SANDUVAÇ S., ÖNSES M. S., YILMAZ E., ŞAHMETLİOĞLU E.
ChemElectroChem, cilt.11, sa.14, 2024 (SCI-Expanded)
- III. **Flexible electrodes composed of flower-like MoS₂ and MXene for supercapacitor applications**
Hayat H. P., Dokan F. K., ÖNSES M. S., YILMAZ E., Duran A., ŞAHMETLİOĞLU E.
Materials Research Bulletin, cilt.175, 2024 (SCI-Expanded)
- IV. **Solid phase microextraction of rhodamine B in cosmetic samples using ZnS@GO@WMCNTs Nanocomposite with Spectrophotometric Detection**
Duman S., YILMAZ E., SOYLAK M.
Microchemical Journal, cilt.199, 2024 (SCI-Expanded)
- V. **Redox electrolyte mediated performance enhancement in aqueous zinc ion hybrid supercapacitors composed of spinel BaFe₂O₄ and cubic Cu₂O**
Yetiman S., KILIÇ DOKAN F., ÖNSES M. S., Yılmaz E., ÖZDEMİR A. T., ŞAHMETLİOĞLU E.
JOURNAL OF MATERIALS CHEMISTRY C, cilt.12, sa.19, ss.6865-6880, 2024 (SCI-Expanded)
- VI. **Investigation of acridinium bromide degradation by stability-indicating HPLC methods, characterization of impurities by NMR, and identification of degradation products by LC-MS**
Yazar Y., Ozel F. G. A., Atici E. B., Yılmaz E., NARİN İ.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, cilt.238, 2024 (SCI-Expanded)
- VII. **Determination of Rhodamine B in Cosmetics, Candy, Water, and Plastic by a Novel Multiwalled Carbon Nanotube (MWCNT)@Zinc Oxide@Magnetite Nanocomposite for Magnetic Solid-Phase Extraction (MSPE) with Spectrophotometric Detection**
Kizil N., Erbilgin D., Basaran E., Yola M. L., YILMAZ E., Marouch S., SOYLAK M.
Analytical Letters, cilt.57, sa.7, ss.1182-1196, 2024 (SCI-Expanded)
- VIII. **Deep eutectic solvent-based ultrasound-assisted liquid-liquid microextraction of ibuprofen prior to HPLC-UV determination**
Çidem F., Yuvali D., Soylak M., Narin İ., Yılmaz E.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.104, sa.14, ss.3303-3313, 2024 (SCI-Expanded)
- IX. **Novel extracellular synthesized silver nanoparticles using thermophilic Anoxybacillus flavithermus and Geobacillus stearothermophilus and their evaluation as nanodrugs**
Giray G., Gonca S., Özdemir S., Isik Z., YILMAZ E., SOYLAK M., Dizge N.
Preparative Biochemistry and Biotechnology, cilt.54, sa.3, ss.294-306, 2024 (SCI-Expanded)
- X. **Polymer nanofilm mediated photo-assisted growth of gold nanostructures for sensing of drugs**
Kayaci N., Şakir M., Esidir A., Yılmaz E., Onses M. S.
THIN SOLID FILMS, cilt.784, 2023 (SCI-Expanded)
- XI. **TiO₂@ZnO nanocomposite: bifunctional material for solid phase extraction of U(VI) and Th(IV) and photocatalytic degradation of organic contaminant**
Aydın F., YILMAZ E., Demirkiran G., Erbaş Z., Vurucuel M., SOYLAK M.
Journal of Radioanalytical and Nuclear Chemistry, cilt.332, sa.10, ss.3879-3892, 2023 (SCI-Expanded)
- XII. **Asymmetric and zinc-ion hybrid supercapacitors based on iron oxide and carbon dots**
Yetiman S., Kılıç Dokan F., ÖNSES M. S., Huang X., YILMAZ E., ŞAHMETLİOĞLU E.
Journal of Energy Storage, cilt.68, 2023 (SCI-Expanded)
- XIII. **High energy density hybrid supercapacitors based on graphitic carbon nitride modified BiFeO₃ and biomass-derived activated carbon**
Pecenek H., Dokan F. K., ÖNSES M. S., YILMAZ E., ŞAHMETLİOĞLU E.

JOURNAL OF ENERGY STORAGE, cilt.64, 2023 (SCI-Expanded)

- XIV. **Application of magnetic solid-phase extraction for sensitive determination of anticancer drugs in urine by means of diamino benzidine tetrachlorohydrate modified magnetic nanoparticles**
Akyol E., ULUSOY H. İ., YILMAZ E., POLAT Ü., SOYLAK M.
Pharmacological Reports, cilt.75, sa.2, ss.456-464, 2023 (SCI-Expanded)
- XV. **Scalable Fabrication of MXene-PVDF Nanocomposite Triboelectric Fibers via Thermal Drawing**
Hasan M. M., Sadeque M. S. B., Albasar I., YILMAZ E., KILIÇ DOKAN F., Onses M. S., Ordu M.
SMALL, cilt.19, sa.6, 2023 (SCI-Expanded)
- XVI. **Determination of Curcumin in Food with Homogenous Liquid-Phase Microextraction Preconcentration and Spectrophotometric Determination**
GÜRMEK K., ŞAHİN U., YILMAZ E., SOYLAK M., ŞAHAN S.
ANALYTICAL LETTERS, cilt.56, sa.5, ss.807-815, 2023 (SCI-Expanded)
- XVII. **Determination of Rhodamine B by UV-Vis spectrophotometry in cosmetics after microextraction by using heat-induced homogeneous liquid-liquid extraction method**
Erbaş Z., Soylak M.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.19, sa.9, ss.3935-3942, 2022 (SCI-Expanded)
- XVIII. **Highly compressible binder-free sponge supercapacitor electrode based on flower-like NiO/MnO₂/CNT**
Pecenek H., KILIÇ DOKAN F., Onses M. S., Yılmaz E., Sahmetlioglu E.
JOURNAL OF ALLOYS AND COMPOUNDS, cilt.913, 2022 (SCI-Expanded)
- XIX. **g-C₃N₄@TiO₂@Fe₃O₄ Multifunctional Nanomaterial for Magnetic Solid-Phase Extraction and Photocatalytic Degradation-Based Removal of Trimethoprim and Isoniazid**
SARP G., Yılmaz E.
ACS OMEGA, cilt.7, sa.27, ss.23223-23233, 2022 (SCI-Expanded)
- XX. **Thiomalic acid/ferric chloride-based deep eutectic solvent for microextraction of chromium in natural water samples prior to FAAS analysis**
Habiba M. A., Alabdulkarem E. A., ALOTHMAN Z. A., YILMAZ E., SOYLAK M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.102, sa.8, ss.1825-1833, 2022 (SCI-Expanded)
- XXI. **Development of combined-supramolecular microextraction with ultra-performance liquid chromatography-tandem mass spectrometry procedures for ultra-trace analysis of carbaryl in water, fruits and vegetables**
ALOTHMAN Z. A., YILMAZ E., Habiba M. A., Alhenaki B., SOYLAK M., Ahmed A. Y. B. H., Alabdulkarem E.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.102, sa.7, ss.1491-1501, 2022 (SCI-Expanded)
- XXII. **Outstanding supercapacitor performance with intertwined flower-like NiO/ MnO₂/CNT electrodes**
Pecenek H., KILIÇ DOKAN F., ÖNSES M. S., Yılmaz E., ŞAHMETLİOĞLU E.
MATERIALS RESEARCH BULLETIN, cilt.149, 2022 (SCI-Expanded)
- XXIII. **Nanostructures for the Prevention, Diagnosis, and Treatment of SARS-CoV-2: A Review**
Kiremitler N. B., Kemerli M. Z., Kayaci N., Karagoz S., Pekdemir S., Sarp G., Sanduvaç S., Önses M. S., Yılmaz E.
ACS APPLIED NANO MATERIALS, cilt.5, sa.5, ss.6029-6054, 2022 (SCI-Expanded)
- XXIV. **Microwave-assisted fabrication of high-performance supercapacitors based on electrodes composed of cobalt oxide decorated with reduced graphene oxide and carbon dots**
Yetiman S., Pecenek H., KILIÇ DOKAN F., ÖNSES M. S., Yılmaz E., ŞAHMETLİOĞLU E.
Journal of Energy Storage, cilt.49, 2022 (SCI-Expanded)
- XXV. **Effects of carbon nanomaterials and MXene addition on the performance of nitrogen doped MnO₂ based supercapacitors**
Pecenek H., Yetiman S., KILIÇ DOKAN F., ÖNSES M. S., YILMAZ E., ŞAHMETLİOĞLU E.
CERAMICS INTERNATIONAL, cilt.48, sa.5, ss.7253-7260, 2022 (SCI-Expanded)
- XXVI. **Cadmium selenide and carbon nanodots modified magnetite nanospheres for the magnetic solid-**

- phase extraction (MSPE) of malachite green prior to spectrophotometric determination**
SOYLAK M., Kestane F., YILMAZ E.
Instrumentation Science and Technology, cilt.50, sa.4, ss.370-384, 2022 (SCI-Expanded)
- XXVII. **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)
- XXVIII. **Magnetic solid phase extraction of erythrosine (E127) in pharmaceutical samples with Fe₃O₄/C-nanodots hybrid material prior to spectrophotometric analysis**
Emiroglu E., YUVALI D., SARP G., YILMAZ E., NARİN İ.
MICROCHEMICAL JOURNAL, cilt.170, 2021 (SCI-Expanded)
- XXIX. **Mesoporous one-component gold microshells as 3d sers substrates**
Vikulina A. S., Stetsyura I. Y., ÖNSES M. S., YILMAZ E., Skirtach A. G., Volodkin D.
Biosensors, cilt.11, sa.10, 2021 (SCI-Expanded)
- XXX. **Hydrolytic enzyme modified magnetic nanoparticles: An innovative and green microextraction system for inorganic species in food samples**
YILMAZ E., Erbas Z., SOYLAK M.
Analytica Chimica Acta, cilt.1178, 2021 (SCI-Expanded)
- XXXI. **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)
- XXXII. **Sensitive determination of Fluoxetine and Citalopram antidepressants in urine and wastewater samples by liquid chromatography coupled with photodiode array detector**
Sarıkaya M., ULUSOY H. İ., MORGÜL Ü., ULUSOY S., Tartaglia A., YILMAZ E., SOYLAK M., Locatelli M., Kabir A.
Journal of Chromatography A, cilt.1648, 2021 (SCI-Expanded)
- XXXIII. **Application of magnetic nanomaterials in bioanalysis**
Yılmaz E., Sarp G., Uzcun F., Özalp Ö., Soylak M.
Talanta, cilt.229, 2021 (SCI-Expanded)
- XXXIV. **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)
- XXXV. **Antibacterial, Antiviral, and Self-Cleaning Mats with Sensing Capabilities Based on Electrospun Nanofibers Decorated with ZnO Nanorods and Ag Nanoparticles for Protective Clothing Applications**
Karagoz S., Burak Kiremitler N. B., Sarp G., Pekdemir S., Salem S., Goksu A., Serdar Onses M. S., Sözdutmaz İ., Sahmetlioglu E., Ozkara E. S., et al.
ACS APPLIED MATERIALS & INTERFACES, cilt.13, sa.4, ss.5678-5690, 2021 (SCI-Expanded)
- XXXVI. **Fabrication of superhydrophobic Ag@ZnO@Bi₂WO₆ membrane disc as flexible and photocatalytic active reusable SERS substrate**
Korkmaz I., ŞAKİR M., SARP G., Salem S., TÖRÜN İ., Volodkin D., Yavuz E., ÖNSES M. S., YILMAZ E.
JOURNAL OF MOLECULAR STRUCTURE, cilt.1223, 2021 (SCI-Expanded)
- XXXVII. **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., Soylak M., Narin İ., Yılmaz E.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.244, 2021 (SCI-Expanded)
- XXXVIII. **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., Yılmaz E.

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

- XXXIX. **A new liquid phase microextraction method-based reverse micelle for analysis of dexketoprofen in human plasma by HPLC-DAD**
YUVALI D., YILMAZ E., NARIN İ.
Journal of Analytical Science and Technology, cilt.11, sa.1, 2020 (SCI-Expanded)
- XL. **Deep Eutectic Solvent-Based Microextraction of Lead(II) Traces from Water and Aqueous Extracts before FAAS Measurements**
Habiba M. A., AlMasoud N., Alomar T. S., AlOthman Z. A., YILMAZ E., SOYLAK M.
MOLECULES, cilt.25, sa.20, 2020 (SCI-Expanded)
- XLI. **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)
- XLII. **Pyrocatechol violet impregnated magnetic graphene oxide for magnetic solid phase microextraction of copper in water, black tea and diet supplements**
Ozkantar N., YILMAZ E., SOYLAK M., TÜZEN M.
FOOD CHEMISTRY, cilt.321, 2020 (SCI-Expanded)
- XLIII. **Solid-phase extraction of copper as 1-(2-pyridylazo)-2-naphthol (PAN) chelates on Coprinus atramentaria**
Erbaş Z., Maulana R., YILMAZ E., Özdemir S., Kilinc E., SOYLAK M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.100, sa.9, ss.992-1003, 2020 (SCI-Expanded)
- XLIV. **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)
- XLV. **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)
- XLVI. **TiO₂ nanoparticles and C-Nanofibers modified magnetic Fe₃O₄ nanospheres (TiO₂@Fe₃O₄@C-NF): A multifunctional hybrid material for magnetic solid-phase extraction of ibuprofen and photocatalytic degradation of drug molecules and azo dye**
YILMAZ E., Salem S., SARP G., Aydin S., Sahin K., Korkmaz I., YUVALI D.
Talanta, cilt.213, 2020 (SCI-Expanded)
- XLVII. **SERS-active hydrophobic substrates fabricated by surface growth of Cu nanostructures**
ŞAKİR M., YILMAZ E., ÖNSES M. S.
MICROCHEMICAL JOURNAL, cilt.154, 2020 (SCI-Expanded)
- XLVIII. **Graphene-like MoS₂-modified magnetic C-dot nanoflowers: An efficient magnetic solid-phase extraction adsorbent for monitoring of trace amounts of ibuprofen**
YILMAZ E., SARP G.
Analytical Methods, cilt.12, sa.12, ss.1570-1578, 2020 (SCI-Expanded)
- XLIX. **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., Habiba M. A., YILMAZ E., Alabdulkarem E. A., SOYLAK M.
MEASUREMENT, cilt.153, 2020 (SCI-Expanded)
- L. **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., Soy lak M., Yılmaz E.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, cilt.179, 2020 (SCI-Expanded)

- LI. **Low bandgap microsphere-like magnetic nanocomposite: An enhanced photocatalyst for degradation of organic contaminants and fabrication of SERS-active surfaces**
Salem S., ŞAKİR M., Sahin K., Korkmaz I., Yavuz E., SARP G., ÖNSES M. S., YILMAZ E.
COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, cilt.589, 2020 (SCI-Expanded)
- LII. **Photocatalytic green fabrication of Au nanoparticles on ZnO nanorods modified membrane as flexible and photocatalytic active reusable SERS substrates**
ŞAKİR M., Salem S., Sanduvac S. T., Sahmetlioglu E., SARP G., ÖNSES M. S., YILMAZ E.
COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, cilt.585, 2020 (SCI-Expanded)
- LIII. **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)
- LIV. **Synthesis of Ag and TiO₂ modified polycaprolactone electrospun nanofibers (PCL/TiO₂-Ag NFs) as a multifunctional material for SERS, photocatalysis and antibacterial applications**
Karagoz S., KİREMİTLER N. B., ŞAKİR M., Salem S., ÖNSES M. S., Sahmetlioglu E., CEYLAN A., YILMAZ E.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, cilt.188, 2020 (SCI-Expanded)
- LV. **Analytical methodology for trace determination of propoxur and fenitrothion pesticide residues by decanoic acid modified magnetic nanoparticles**
Canlı A. G., Sürücü B., ULUSOY H. İ., YILMAZ E., Kabir A., Locatelli M.
Molecules, cilt.24, sa.24, 2019 (SCI-Expanded)
- LVI. **A flower-like hybrid material composed of Fe₃O₄, graphene oxide and CdSe nanodots for magnetic solid phase extraction of ibuprofen prior to its quantification by HPLC detection**
SARP G., YILMAZ E.
Microchimica Acta, cilt.186, sa.11, 2019 (SCI-Expanded)
- LVII. **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)
- LVIII. **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)
- LIX. **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)
- LX. **A new amine based microextraction of lead (II) in real water samples using flame atomic absorption spectrometry**
Habiba M. A., ALOthman Z. A., YILMAZ E., Alabdulkarem E. A., SOYLAK M.
MICROCHEMICAL JOURNAL, cilt.148, ss.214-219, 2019 (SCI-Expanded)
- LXI. **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)
- LXII. **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)
- LXIII. **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)
- LXIV. **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)
- LXV. **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)
- LXVI. **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)
- LXVII. **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)
- LXVIII. **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)
- LXIX. **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)
- LXX. **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)
- LXXI. **Use of hydrolytic enzymes as green and effective extraction agents for ultrasound assisted-enzyme based hydrolytic water phase microextraction of arsenic in food samples**
YILMAZ E.
TALANTA, cilt.189, ss.302-307, 2018 (SCI-Expanded)
- LXXII. **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)
- LXXIII. **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)
- LXXIV. **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., TÜRKÖĞLU O., SOYLAK M.
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.15, sa.8, ss.1721-1731, 2018 (SCI-Expanded)

- LXXV. **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)
- LXXVI. **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)
- LXXVII. **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)
- LXXVIII. **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)
- LXXIX. **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)
- LXXX. **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., Soylak M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.98, ss.171-181, 2018 (SCI-Expanded)
- LXXXI. **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)
- LXXXII. **Exhaled breath condensate magnesium levels of infants with bronchiolitis**
Demirkan F. G., Yılmaz E., Hangül M., Ozturk D., Demirkan H., Soylak M., Köse M.
Turkish Journal of Pediatrics, cilt.60, ss.535-539, 2018 (SCI-Expanded)
- LXXXIII. **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)
- LXXXIV. **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)
- LXXXV. **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)
- LXXXVI. **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)
- LXXXVII. **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)
- LXXXVIII. **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)
- LXXXIX. **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)
- XC. **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)
- XC.I. **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)
- XCII. **Ligandless switchable solvent based liquid phase microextraction of nickel from food and cigarette samples prior to its micro-sampling flame atomic absorption spectrometric determination**
RECOLO M., YILMAZ E., SOYLAK M., ANDRUCH V., BAZEL Y.
JOURNAL OF MOLECULAR LIQUIDS, cilt.237, ss.236-241, 2017 (SCI-Expanded)
- XCIII. **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**
Aydn F., YILMAZ E., SOYLAK M.
MICROCHEMICAL JOURNAL, cilt.132, ss.280-285, 2017 (SCI-Expanded)
- XCIV. **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)
- XC.V. **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)
- XCVI. **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)
- XC.VII. **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)
- XC.VIII. **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)
- XCIX. **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)

- C. **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)
- CI. **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)
- CII. **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)
- CIII. **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)
- CIV. **Combination of dispersive liquid-liquid microextraction and multivariate optimization for separation-enrichment of traces lead by flame atomic absorption spectrometry**
Habla M., YILMAZ E., ALOthman Z., SOYLAK M.
Journal of Industrial and Engineering Chemistry, cilt.37, ss.306-311, 2016 (SCI-Expanded)
- CV. **Bovine serum albumin-Cu(II) hybrid nanoflowers: An effective adsorbent for solid phase extraction and slurry sampling flame atomic absorption spectrometric analysis of cadmium and lead in water, hair, food and cigarette samples**
YILMAZ E., ÖÇSOY I., ÖZDEMİR N., SOYLAK M.
ANALYTICA CHIMICA ACTA, cilt.906, ss.110-117, 2016 (SCI-Expanded)
- CVI. **Solid-phase extraction of copper and zinc in water samples using diethylamine-modified phosphorus-containing polymer**
JALBANI N. B., Yilmaz E., ALOSMANOV R. M., SOYLAK M.
DESALINATION AND WATER TREATMENT, cilt.57, sa.6, ss.2834-2842, 2016 (SCI-Expanded)
- CVII. **Ultrasonic-assisted supramolecular solvent-based liquid phase microextraction of mercury as 1-(2-pyridylazo)-2-naphthol complexes from water samples**
Aydın F., YILMAZ E., SOYLAK M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.96, sa.14, ss.1356-1366, 2016 (SCI-Expanded)
- CVIII. **Preparation and characterization of magnetic allylamine modified graphene oxide-poly(vinyl acetate-co-divinylbenzene) nanocomposite for vortex assisted magnetic solid phase extraction of some metal ions**
KHAN M., YILMAZ E., SEVINC B., Sahmetlioglu E., SHAH J., JAN M. R., SOYLAK M.
TALANTA, cilt.146, ss.130-137, 2016 (SCI-Expanded)
- CIX. **Latest trends, green aspects, and innovations in liquid-phase based microextraction techniques: a review**
YILMAZ E., SOYLAK M.
TURKISH JOURNAL OF CHEMISTRY, cilt.40, sa.6, ss.868-893, 2016 (SCI-Expanded)
- CX. **Switchable solvent based liquid phase microextraction of uranium in environmental samples: a green approach**
SOYLAK M., KHAN M., YILMAZ E.
ANALYTICAL METHODS, cilt.8, sa.5, ss.979-986, 2016 (SCI-Expanded)
- CXI. **A green, novel and simple microprecipitation technique for separation and preconcentration of cadmium with 1-(2-thiazolylazo)-2-naphthol in food samples and determination by microsampling**

flame atomic absorption spectrometry

ALOTHMAN Z. A., HABILA M. A., ALFADUL S. M., YILMAZ E., SOYLAK M.
ANALYTICAL METHODS, cilt.8, sa.17, ss.3545-3549, 2016 (SCI-Expanded)

- CXII. **Supramolecular microextraction of cobalt from water samples before its microsampling flame atomic absorption spectrometric detection**
ALOTHMAN Z., HABILA M., YILMAZ E., AL-HARBI N. M., SOYLAK M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.95, sa.14, ss.1311-1320, 2015 (SCI-Expanded)
- CXIII. **Assessment of Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Cd, and Pb Concentrations in Gluten-free Foods From Saudi Arabia by Inductively Coupled Plasma Mass Spectrometry**
MEHDER A. O., YILMAZ E., SUNGUR A., SOYLAK M., ALOTHMAN Z. A.
ATOMIC SPECTROSCOPY, cilt.36, sa.6, ss.254-260, 2015 (SCI-Expanded)
- CXIV. **Solid-phase extraction of iridium from soil and water samples by using activated carbon cloth prior to its spectrophotometric determination**
OZKANTAR N., YILMAZ E., SOYLAK M., TUZEN M.
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.187, sa.8, 2015 (SCI-Expanded)
- CXV. **Switchable polarity solvent for liquid phase microextraction of Cd(II) as pyrrolidinedithiocarbamate chelates from environmental samples**
YILMAZ E., SOYLAK M.
ANALYTICA CHIMICA ACTA, cilt.886, ss.75-82, 2015 (SCI-Expanded)
- CXVI. **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)
- CXVII. **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)
- CXVIII. **Separation and preconcentration of lead(II), cobalt(II), and nickel(II) on EDTA immobilized activated carbon cloth prior to flame atomic absorption spectrometric determination in environmental samples**
AL-OTHMAN Z., YILMAZ E., HABILA M., SOYLAK M.
TURKISH JOURNAL OF CHEMISTRY, cilt.39, ss.1038-1049, 2015 (SCI-Expanded)
- CXIX. **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)
- CXX. **Determination of Cadmium in Fruit and Vegetables by Ionic Liquid Magnetic Microextraction and Flame Atomic Absorption Spectrometry**
SOYLAK M., YILMAZ E.
ANALYTICAL LETTERS, cilt.48, sa.3, ss.464-476, 2015 (SCI-Expanded)
- CXXI. **Solid phase extraction of metal ions in environmental samples on 1-(2-pyridylazo)-2-naphthol impregnated activated carbon cloth**
ALOTHMAN Z. A., YILMAZ E., HABILA M., SOYLAK M.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, cilt.112, ss.74-79, 2015 (SCI-Expanded)
- CXXII. **Characterization of Heavy Metal Fractions in Agricultural Soils by Sequential Extraction Procedure: The Relationship Between Soil Properties and Heavy Metal Fractions**
SUNGUR A., SOYLAK M., YILMAZ E., YILMAZ S., ÖZCAN H.
SOIL & SEDIMENT CONTAMINATION, cilt.24, sa.1, ss.1-15, 2015 (SCI-Expanded)
- CXXIII. **Switchable solvent-based liquid phase microextraction of copper(II): optimization and application to environmental samples**

- YILMAZ E., SOYLAK M.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, cilt.30, sa.7, ss.1629-1635, 2015 (SCI-Expanded)
- CXXIV. **Separation and preconcentration of lead(II), cobalt(II), and nickel(II) on EDTA immobilized activated carbon cloth prior to 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)
- CXXV. **Supramolecular solvent-based microextraction method for cobalt traces in food samples with optimization Plackett-Burman and central composite experimental design**
aydm F., YILMAZ E., SOYLAK M.
RSC ADVANCES, cilt.5, sa.115, ss.94879-94886, 2015 (SCI-Expanded)
- CXXVI. **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.
RSC ADVANCES, cilt.5, sa.129, ss.106905-106911, 2015 (SCI-Expanded)
- CXXVII. **Supramolecular solvent-based dispersive liquid-liquid microextraction of copper from water and hair samples**
Aydm F., YILMAZ E., SOYLAK M.
RSC ADVANCES, cilt.5, sa.50, ss.40422-40428, 2015 (SCI-Expanded)
- CXXVIII. **Flame atomic absorption spectrometric determination of Cd, Pb, and Cu in food samples after preconcentration using 4-(2-thiazolylazo) resorcinol-modified activated carbon**
Habla M., YILMAZ E., Alothman Z. A., SOYLAK M.
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, cilt.20, sa.6, ss.3989-3993, 2014 (SCI-Expanded)
- CXXIX. **Solid phase extraction of Cd, Pb, Ni, Cu, and Zn in environmental samples on multiwalled carbon nanotubes**
YILMAZ E., SOYLAK M.
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.186, sa.9, ss.5461-5468, 2014 (SCI-Expanded)
- CXXX. **Vortex Assisted Liquid-Liquid Microextraction Using Triton X-114 for Ultratrace Cadmium Prior to Analysis**
Khan S., YILMAZ E., Kazi T. G., SOYLAK M.
CLEAN-SOIL AIR WATER, cilt.42, sa.8, ss.1083-1088, 2014 (SCI-Expanded)
- CXXXI. **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.
TALANTA, cilt.126, ss.191-195, 2014 (SCI-Expanded)
- CXXXII. **Polypyrrole/multi-walled carbon nanotube composite for the solid phase extraction of lead(II) in water samples**
ŞAHMETLİOĞLU E., YILMAZ E., AKTAŞ E., SOYLAK M.
TALANTA, cilt.119, ss.447-451, 2014 (SCI-Expanded)
- CXXXIII. **ASSESSMENT OF CONCENTRATION OF TRACE METALS IN TRADITIONAL BREAD SAMPLES FROM TURKEY**
YILMAZ E., SOYLAK M.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.23, sa.3, ss.782-786, 2014 (SCI-Expanded)
- CXXXIV. **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.
JOURNAL OF AOAC INTERNATIONAL, cilt.97, sa.1, ss.205-210, 2014 (SCI-Expanded)
- CXXXV. **Supramolecular solvent microextraction of gold prior to its determination by microsample injection system coupled with flame atomic absorption spectrometry**
YILMAZ E., SOYLAK M.

RSC ADVANCES, cilt.4, sa.88, ss.47396-47401, 2014 (SCI-Expanded)

- CXXXVI. **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.
TALANTA, cilt.116, ss.882-886, 2013 (SCI-Expanded)
- CXXXVII. **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)
- CXXXVIII. **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.
DESALINATION AND WATER TREATMENT, cilt.51, ss.6770-6776, 2013 (SCI-Expanded)
- CXXXIX. **Dispersive Liquid-Liquid Microextraction and Microsample Injection Flame Atomic Absorption Spectrometry Combination for Copper (II)3-hydroxy-4-methyl- 2(3H)-thiazolethione Chelates**
ALothman Z. A., Habila M., YILMAZ E., SOYLAK M.
Atomic Spectroscopy, cilt.34, sa.5, ss.175-180, 2013 (SCI-Expanded)
- CXL. **Dispersive Liquid-Liquid Microextraction and Microsample Injection Flame Atomic Absorption Spectrometry Combination for Copper(II)3-hydroxy-4-methyl-2 (3H) -thiazolethione Chelates**
ALothman Z. A., Habila M., YILMAZ E., SOYLAK M.
ATOMIC SPECTROSCOPY, cilt.34, sa.5, ss.175-180, 2013 (SCI-Expanded)
- CXLI. **Ligandless temperature-controlled ionic liquid-phase microextraction of lead(II) ion prior to its determination by FAAS**
Alothman Z. A., YILMAZ E., Habila M., Shabaka A., SOYLAK M.
MICROCHIMICA ACTA, cilt.180, ss.669-674, 2013 (SCI-Expanded)
- CXLII. **Heavy metal contents of organically produced, harvested, and dried fruit samples from Kayseri, Turkey**
SOYLAK M., CİHAN Z., YILMAZ E.
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.185, sa.3, ss.2577-2583, 2013 (SCI-Expanded)
- CXLIII. **Ionic Liquid-based Method for Microextraction/Enrichment of Gold from Real Samples and Determination by Flame Atomic Absorption Spectrometry**
SOYLAK M., YILMAZ E.
ATOMIC SPECTROSCOPY, cilt.34, sa.1, ss.15-19, 2013 (SCI-Expanded)
- CXLIV. **TRACE ELEMENT CONTENTS OF RAISINS, GRAPES AND SOIL SAMPLES FROM INCESU-KAYSERI, TURKEY**
Unsal Y. E., YILMAZ E., SOYLAK M., Tuzen M.
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.22, sa.5, ss.1441-1445, 2013 (SCI-Expanded)
- CXLV. **Evaluation of Trace Metals in Tea Samples from Jeddah and Jazan, Saudi Arabia by Atomic Absorption Spectrometry**
Al-Othman Z. A., YILMAZ E., Sumayli H. M. T., SOYLAK M.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, cilt.89, sa.6, ss.1216-1219, 2012 (SCI-Expanded)
- CXLVI. **Room Temperature Ionic Liquid-based Microextraction for Pre-concentration of Cadmium and Copper from Biological Samples and Determination by FAAS**
Kandhro G. A., SOYLAK M., kazi T. G., YILMAZ E., Afridi H. I.
ATOMIC SPECTROSCOPY, cilt.33, sa.5, ss.166-172, 2012 (SCI-Expanded)
- CXLVII. **Speciation of Chromium after Coprecipitation with Cu-Violuric Acid and Determination by Flame Atomic Absorption Spectrometry**
SARAÇOĞLU S., YILMAZ E., SOYLAK M.
CURRENT ANALYTICAL CHEMISTRY, cilt.8, sa.3, ss.358-364, 2012 (SCI-Expanded)

- CXLVIII. **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.
JOURNAL OF AOAC INTERNATIONAL, cilt.95, sa.4, ss.1205-1210, 2012 (SCI-Expanded)
- CXLIX. **Evaluation of trace element contents of some herbal plants and spices retailed in Kayseri, Turkey**
Soylak M., Cihan Z., YILMAZ E.
ENVIRONMENTAL MONITORING AND ASSESSMENT, cilt.184, sa.6, ss.3455-3461, 2012 (SCI-Expanded)
- CL. **Solid Phase Extraction of Cd(II), Pb(II), Zn(II) and Ni(II) from Food Samples Using Multiwalled Carbon Nanotubes Impregnated with 4-(2-Thiazolylazo) Resorcinol**
Alothman Z. A., Habila M., YILMAZ E., SOYLAK M.
MICROCHIMICA ACTA, cilt.177, ss.397-403, 2012 (SCI-Expanded)
- CLI. **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., Al-othman Z., sumayli ., İbrahim M., Soy lak M.
JOURNAL OF AOAC INTERNATIONAL, cilt.95, ss.1205-1210, 2012 (SCI-Expanded)
- CLII. **Cloud Point Extraction and Flame Atomic Absorption Spectrometry Determination of Lead(II) in Environmental and Food Samples**
SOYLAK M., YILMAZ E., gheadi m., Montazerozohori M., Sheibani M.
JOURNAL OF AOAC INTERNATIONAL, cilt.95, ss.1797-1802, 2012 (SCI-Expanded)
- CLIII. **Vortex-assisted liquid-liquid microextraction coupled to flame atomic absorption spectrometry for lead determination: ionic liquid based microextraction using Triton X-100 as dispersant**
Shah F., Yilmaz E., kazi T. G., Afridi H. I., SOYLAK M.
ANALYTICAL METHODS, cilt.4, sa.12, ss.4091-4095, 2012 (SCI-Expanded)
- CLIV. **Determination of rhodamine B in soft drink, waste water and lipstick samples after solid phase extraction**
SOYLAK M., Unsal Y. E., Yilmaz E., Tuzen M.
FOOD AND CHEMICAL TOXICOLOGY, cilt.49, sa.8, ss.1796-1799, 2011 (SCI-Expanded)
- CLV. **Ionic liquid dispersive liquid-liquid microextraction of lead as pyrrolidinedithiocarbamate chelate prior to its flame atomic absorption spectrometric determination**
SOYLAK M., YILMAZ E.
DESALINATION, cilt.275, ss.297-301, 2011 (SCI-Expanded)
- CLVI. **Solid phase extraction on multiwalled carbon nanotubes and flame atomic absorption spectrometry combination for determination of some metal ions in environmental and food samples**
SOYLAK M., YILMAZ E., Ghaedi M., Montazerozohori M.
TOXICOLOGICAL AND ENVIRONMENTAL CHEMISTRY, cilt.93, sa.5, ss.873-885, 2011 (SCI-Expanded)
- CLVII. **Sorbent extraction of 4-(2-thiazolylazo) resorcinol (TAR)-metal chelates on Diaion SP-850 adsorption resin in order to preconcentration/separation**
SOYLAK M., YILMAZ E.
JOURNAL OF HAZARDOUS MATERIALS, cilt.182, ss.704-709, 2010 (SCI-Expanded)
- CLVIII. **Development and Factorial Experimental Design Optimization of Deep Eutectic Solvent-Based Microextraction of Carmoisine (E122) in Candy and Water Samples**
UZCAN F., YILMAZ E., SOYLAK M.
Analytical Letters, cilt.56, sa.13, ss.2172-2181, 1 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Engineering Zinc Ion Hybrid Supercapacitor Performance of Graphitic Carbon Nitride Embedded Iron Oxide (Hematite)**

YETİMAN S., DOKAN F. K., AKER D., ÖZDEMİR A. T., ONSES M. S., YILMAZ E., ŞAHMETLİOĞLU E.

Cumhuriyet Science Journal, cilt.45, sa.3, ss.510-518, 2024 (Hakemli Dergi)

II. Assessment of Gluten-Free Food Sourced Heavy Metal Accumulation for Celiac People

SOYLAK M., YILMAZ E., DURAN A.

Cumhuriyet Science Journal, cilt.40, sa.1, ss.61-68, 2019 (Hakemli Dergi)

III. Locking of Tunneled Cuffed Hemodialysis Catheters with a Mixture of 45% Ethanol and 4% Trisodium Citrate is Effective in Preventing Catheter-Related Infections and Thrombosis

Arikan T., OYMAK O., YILMAZ E., ÜNAL A., Oguzhan N., KOÇYİĞİT İ., TUNCA O., SİPAHİOĞLU M. H., SOYLAK M., TOKGÖZ B.

TURKISH NEPHROLOGY DIALYSIS AND TRANSPLANTATION JOURNAL, cilt.25, sa.2, ss.168-174, 2016 (ESCI)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. Photocatalytic degradation with nanoparticles for pharmaceutical compounds and waste

YUVALI D., YILMAZ E., NARİN İ.

10th International Conference on Materials Science and Nanotechnology for Next Generation, MSNG 2023, Kayseri, Türkiye, 27 - 29 Eylül 2023

II. Development and Application of New Non-toxic and High Performance Supercapacitor cell:La2O3 @CuO

yetiman s., Şahin f., CEYLAN A., ÖNSES M. S., YILMAZ E., KILIÇ DOKAN F., ŞAHMETLİOĞLU E.

Nanoscience and Nanotechnology Conference (NANOTR-16), Türkiye, 5 - 08 Eylül 2022

III. A New Electrospun Material for Photocatalytic, SERS and Antibacterial Applications

KARAGÖZ S., KİREMİTLER N. B., ŞAKİR M., SALEM S., ÖNSES M. S., ŞAHMETLİOĞLU E., CEYLAN A., YILMAZ E.

6th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG2019), Türkiye, 16 Ekim 2019

IV. Usage of Enzyme Catalysts Supported with Magnetic Nanomaterials in Polymer Synthesis

ŞAKAR S., SANDUVAÇ S., ŞAHMETLİOĞLU E., YILMAZ E., TURAÇ E.

MSNG 2019 6th International Conference on Materials Science and Nanotechnology for Next Generation, Niğde, Türkiye, 16 - 18 Ekim 2019, ss.134-138

V. Decanoic acid functionalized magnetic particles for sensitized determination of propoxur and fenitrothion residues in environmental samples

CANLI A. G., ULUSOY H. İ., SÜRÜCÜ B., YILMAZ E., KABIR A., LOCATELLI M.

XX. Euroanalysis 2019 conference, İstanbul, Türkiye, 1 - 05 Eylül 2019

VI. Synthesis of Pd, Pt and Ag nanoparticle modified NiCo2O4 composite materials as effective catalysts for water treatment process

YILMAZ E.

FIRST INTERNATIONAL BALKAN CHEMISTRY CONGRESS, 17 - 20 Eylül 2018

VII. The Application of TiO2/ZnO nanocomposite as a New Trapping Media for Solid Phase Extraction of U and Th

AYDIN F., YILMAZ E., DEMİRKIRAN G., Erbas Z., SOYLAK M.

International Academic Conference on Applied Research in Engineering, Science Technology, 14 - 15 Eylül 2018

VIII. Rodamine B Boyar Maddesinin Sıvı Faz Mikroekstraksiyonu ile Zenginleştirilmesi ve UV-VIS Spektrofotometresi ile Tayini

Erbaş Z., YILMAZ E., SOYLAK M.

International Trace Analysis Congress, 20 - 23 Haziran 2018

IX. Solid phase extraction of Cu (II) with 1-(2-pyridylazo)-2-naphthol on Caprinus Atramentaria

ERBAŞ Z., MAULANA R., YILMAZ E., ÖZDEMİR S., KILINÇ E., SOYLAK M.

International Trace Analysis Conference, Sivas, Türkiye, 20 - 23 Haziran 2018

X. Hydrothermal Synthesis Procedure As a Effective and Simple Way for Fabrication of Nanocomposite Materials

YILMAZ E., SOYLAK M.

International Trace Analysis Congress, 20 - 23 Haziran 2018

- XI. **Ultrasound Assisted Deep Eutectic Solvent (DES)-Emulsification Liquid-Liquid Microextraction of İbuprofen in Water and Pharmaceutical Samples**
Fatma Ç., YUVALI D., YILMAZ E., SOYLAK M., NARİN İ.
International Trace Analysis Congress, 20 - 23 Haziran 2018
- XII. **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**
AYDIN F., YILMAZ E., ENVER Ö., SOYLAK M.
International Trace Analysis Congress, 20 - 23 Haziran 2018
- XIII. **Cu(II)'in 1-(2-Pyridylazo) 2-Naphtol Kompleksi Halinde Coprinus Atramentaria Üzeride Katı Faz Ekstraksiyonu**
Erbaş Z., Maulana R., YILMAZ E., ÖZDEMİR S., KILINÇ E.
International Trace Analysis Congress, 20 - 23 Haziran 2018
- XIV. **Trace Element Analysis of Some Turkish Chocolate Products Through Micro-wave Digestion and ICP-MS Detection**
DURAN A., YILMAZ E., ŞAHİN U., SOYLAK M.
International Trace Analysis Congress (iTAC2018), Sivas, Türkiye, 20 - 23 Haziran 2018, ss.219
- XV. **Some Applications of Deep Eutectic Solvents for the Microextraction of Trace Inorganic and Organic species**
SAYDAN KANBEROĞLU G., YILMAZ E., SOYLAK M.
1ST INTERNATIONAL CONFERENCE ON INNOVATIONS IN NATURAL SCIENCE AND ENGINEERING, 3 - 06 Ocak 2018
- XVI. **Microextraction of Ni(II) from environmental samples and its flame atomic absorption spectrometric determination**
Erbaş Z., SOYLAK M., YILMAZ E., Doğan M.
1ST INTERNATIONAL CONFERENCE ON INNOVATIONS IN NATURAL SCIENCE AND ENGINEERING, 3 - 06 Ocak 2018
- XVII. **Enzyme based hydrolytic microextraction of manganese in food samples**
YILMAZ E., SOYLAK M.
1ST INTERNATIONAL CONFERENCE ON INNOVATIONS IN NATURAL SCIENCE AND ENGINEERING, 3 - 06 Ocak 2018
- XVIII. **Some applications of deep eutectic solvents for the microextraction of trace inorganic and organic species**
SAYDAN KANBEROĞLU G., YILMAZ E., SOYLAK M.
1ST INTERNATIONAL CONFERENCE ON INNOVATIONS IN NATURAL SCIENCE AND ENGINEERING, 3 - 06 Ocak 2018
- XIX. **Liquid phase microextraction of quercetin using amine based extractants in different samples**
özdemir b., YILMAZ E., SOYLAK M.
4th International TURK-PAK Conference On Chemical Sciences (ITPCCS 2017), 26 - 28 Kasım 2017
- XX. **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.
4th International TURK-PAK Conference On Chemical Sciences (ITPCCS 2017), 26 - 28 Kasım 2017
- XXI. **Deep eutectic solvent based liquid phase microextraction method for valance speciation of arsenic (III/V) in real samples**
Erbaş Z., YILMAZ E., SOYLAK M.
4th International TURK-PAK Conference On Chemical Sciences (ITPCCS 2017), 26 - 28 Kasım 2017
- XXII. **Deep Eutectic Solvent Based Liquid Phase Microextraction Method for Rhodamine B in Cosmetic Products and Water Samples: A Green Approach**
YILMAZ E., SOYLAK M.

- 4th International Türk-Pak Conference on Chemical Sciences (ITPCCS 2017), 26 - 28 Ekim 2017
- XXIII. **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),**
MENGHWAR P., YILMAZ E., SOYLAK M.
4th International Türk-Pak Conference on Chemical Sciences (ITPCCS 2017), 26 - 28 Ekim 2017
- XXIV. **Synthesis and characterization of MWCNTs-NiCo₂O₄ hybrid material for solid phase extraction of curcumin**
YILMAZ E., DURAN A., SOYLAK M.
4th International Türk-Pak Conference on Chemical Sciences (ITPCCS 2017), Konya, Türkiye, 26 - 28 Ekim 2017, ss.81
- XXV. **Amine-based liquid phase microextraction recovery of Hg(II) from aqueous solutions in the presence of PAN**
DOĞRU S., YILMAZ E., GÜNDÜZ S. B., SOYLAK M.
4th International Türk-Pak Conference Chemical Sciences (ITPCCS 2017), 26 - 28 Ekim 2017
- XXVI. **Duyarlı Quarcetine analizi için katı faz destek malzemesi geliştirilmesi**
Songül U., YILMAZ E., SOYLAK M.
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017
- XXVII. **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
- XXVIII. **Derin ötektik çözücü sıvı faz mikroekstraksiyonu ile eser düzeydeki Ni(II) iyonlarının ayrılması ve zenginleştirilmesi**
Erbaş Z., SOYLAK M., YILMAZ E., Doğan M.
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017
- XXIX. **Humik asit mikroekstraksiyonu için yeni bir yöntem**
YILMAZ E., ÖZDEMİR B., SOYLAK M.
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017
- XXX. **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
- XXXI. **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
- XXXII. **Poliakrilamid Modifiye Edilmiş SiO₂/Fe₃O₄/Nanoelmas Hibrit Materyalinin Sentezi, Karakterizasyonu ve Eser Düzeydeki Pb(II) İyonlarının Manyetik Katı Faz Ekstraksiyonunda Kullanılması**
YILMAZ E., ŞAHMETLİOĞLU E., DURAN A., SOYLAK M.
Uluslararası Katılımlı XV. Ulusal Spektroskopi Kongresi, 17 - 19 Mayıs 2017
- XXXIII. **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
- XXXIV. **Maneb'in iyonik sıvı mikroekstraksiyonu ve alevli atomik absorpsiyon spektrometresi ile indirekt tayini**
YILMAZ E., Kestane F., SOYLAK M.
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017
- XXXV. **The use of MoS₂/CNT/Polyaniline material for microsolid phase extraction of DNA**
Baghban N., YILMAZ E., SOYLAK M.
XV. ulusal spektroskopi kongresi, Türkiye, 17 - 19 Mayıs 2017
- XXXVI. **Su ve gıda örneklerinde bulunan kadmiyum'xxun ultrasonik titreşim temelli supramoleküler çözücü**

sıvı faz mikroekstraksiyonu sonrası alevli atomik absorpsiyon spektrometresi ile tayini

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

XV. ulusal spektroskopi kongresi, Türkiye, 17 - 19 Mayıs 2017

XXXVII. 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

XXXVIII. 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

XXXIX. Synthesis, Characterization and Catalytic Properties of Carbonanotupe/GrapheneOxide/Polypyrrole/Magnetic Ferrite/ Palladium (CNT/Go/PP/Fe/Pd) Nano CompositeCatalyst

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

Ecology 2017 International Symposium, Kayseri, Türkiye, 11 - 13 Mayıs 2017, ss.321

XL. Ultrasound Assisted Deep Eutectic Solvent Based Emulsification Liquid Phase Microextraction For Speciation Of Chromium

YILMAZ E., SOYLAK M.

6. Th International Chemistry Conference, 8 - 10 Kasım 2016

XLII. 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

XLIII. Spectrophotometric Detection of Quercetin after Preconcentration by Deep Eutectic Solvent Based Liquid Phase Microextraction

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

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

XLIV. 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

XLV. 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

XLVI. 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 Waters

AYDIN F., YILMAZ E., SOYLAK M.

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

XLVII. 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

XLVIII. 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

XLIX. 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

- XLIX. 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
- L. 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
- LI. Marketlerde Satılan Çeşitli Granola Örneklerinin Ağır Metal Düzeyleri**
DURAN A., YILMAZ E., SOYLAK M.
IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016
- LII. Manyetik Grafen Oksit Üzerinde Pb(II), Cu(II) VE Cd(II) İyonlarının Katı Faz Ekstraksiyonu**
SOYLAK M., ACAR D., YILMAZ E., ElKhodary S., IBRAHİM M.
IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016
- LIII. 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
- LIV. 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., ALSOHAIMI I., ALDAWSARI A., ALHARBI N., SOYLAK M.
IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016
- LV. 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
- LVI. 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
- LVII. 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
- LVIII. 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
- LIX. 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
- LX. 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
- LXI. 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
- LXII. (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

- LXIII. **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.
11. th international symposium on analytical and environmental chemistry, 7 - 08 Mart 2016
- LXIV. **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**
KHAN M., YILMAZ E., SHAH J., RASUL JAN M., SOYLAK M.
11. th international symposium on analytical and environmental chemistry, 7 - 08 Mart 2016
- LXV. **Vortex assisted magnetic solid phase extraction of lead II and cobalt II on silica coated magnetic carbon nanotubes impregnated 1 2 Pyridylazo 2 naphthol**
khan m., YILMAZ E., SOYLAK M.
11th International Symposium on Analytical and Environmental Chemistry (ISAEC-2016), Jamshoro, Pakistan, 7 - 08 Mart 2016
- LXVI. **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, cilt1, ss.79
- LXVII. **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
- LXVIII. **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, cilt.1, ss.67
- LXIX. **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
- LXX. **Cd II ve Pb II nin Katı Faz Mikroekstraksiyonu İçin Cu II BSA Flower Hibrit Materyalinin Sentezi ve Karakterizasyonu**
YILMAZ E., ÖZDEMİR N., ÖÇSOY İ., SOYLAK M.
27. Ulusal Kimya Kongresi, Çanakkale, Türkiye, 23 - 28 Ağustos 2015
- LXXI. **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
- LXXII. **Cd II Ve Pb II Nin Katı Faz Mikroekstraksiyonu İçin Cu Iı Bsa Flower Hibrit Materyalinin Sentezi ve Karakterizasyonu**
YILMAZ E., ÖÇSOY İ., ÖZDEMİR N., SOYLAK M.
27. ulusal genel kimya kongresi, Çanakkale, Türkiye, 23 - 28 Ağustos 2015
- LXXIII. **Protein Inorganic BSA Cu III Hybrid Nanoflowers Biosensor for Detection of Hg II Ions**
YILMAZ E., ÖZDEMİR H., ÖÇSOY İ., Gorucu H., Yılmaz I., SOYLAK M.
NanoTR-11, Ankara, Türkiye, 22 - 25 Haziran 2015
- LXXIV. **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
- LXXV. **Su ve Toprak Örneklerinde Eser Düzeyde Bulunan Uranyum' un Spektrofotometrik Tayini Öncesi**

Supramoleküler Çözücü Temelli Mikroekstraksiyonu

KHAN M., YILMAZ E., SOYLAK M.

XIV. Ulusal Spektroskopi Kongresi, Türkiye, 29 - 31 Mayıs 2015

- LXXVI. **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
- LXXVII. **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
- LXXVIII. **Synthesizing and Characterization of Magnetic Graphene-Conducting Polymer Composite for Enrichment of Metals**
ŞAHMETLİOĞLU E., YILMAZ E., Sevinç B., SOYLAK M.
The 6th International Conference on Optical Spectroscopy, Laser and their Applications, Cairo, Mısır, 6 Nisan - 09 Mayıs 2015, ss.41
- LXXIX. **Flame Atomic Absorption Spectrometric Determination of Lead in Water and Tobacco Samples after Pre concentration by Dispersive Liquid Liquid Micro Extraction**
YILMAZ E., ZEİD a., MUHAMMED h., II w., SOYLAK M.
The 6th International Conference on Optical Spectroscopy, Laser and their Applications, Mısır, 7 - 09 Nisan 2015, cilt.1, ss.98
- LXXX. **Combination of Supramolecular Solvent Ss Microextraction and Ultra Performance Liquid Chromatography Tandem Mass Spectrometry for Preconcentration and Determination of Malathion**
ZEİD a., YILMAZ E., AA a., MUHAMMED h., SOYLAK M.
The 6th International Conference on Optical Spectroscopy, Laser and their Applications, Mısır, 7 - 09 Nisan 2015, cilt.1, ss.11
- LXXXI. **Synthesizing and Characterization of Magnetic Graphene Conducting Polymer Composite for Enrichment of Metals**
ŞAHMETLİOĞLU E., YILMAZ E., sevinç B., SOYLAK M.
The 6th International Conference on Optical Spectroscopy, Laser and their Applications, Mısır, 7 - 09 Nisan 2015, cilt.1, ss.41
- LXXXII. **%45 etanol ve %4 trisodyum sitrat karışımı solüsyon ile tünelli hemodiyaliz kateterlerinin kapanması kateter ilişkili enfeksiyonlar ve kateter trombozunun önlenmesinde etkin midir? Randomize prospektif çalışma**
ARIKAN T., OYMAK O., YILMAZ E., ÜNAL A., KOÇYİĞİT I., TUNCA O., SİPAHİOĞLU M. H., TOKGÖZ B.
31. Ulusal Nefroloji, Hipertansiyon, Diyaliz ve Transplantasyon Kongresi, Antalya, Türkiye, 22 - 26 Ekim 2014, cilt.2014, ss.20
- LXXXIII. **Manyetik nanodiamond' un ziram' ın zenginleştirilmesinde kullanımı**
YILMAZ E., Soylak M.
7. ulusal analitik kimya kongresi, Kahramanmaraş, Türkiye, 1 - 05 Eylül 2014, ss.71
- LXXXIV. **Bakır(II) İyonlarının Çeşitli ortamlardan Mikroekstraksiyonu**
Görücü H., YILMAZ E., ŞAHAN E., YILDIRIM I., SOYLAK M.
7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Türkiye, 1 - 05 Eylül 2014, ss.42
- LXXXV. **Bakır(II) iyonlarının çeşitli ortamlardan mikroekstraksiyonu**
GÖRÜCÜ H., YILMAZ E., SOYLAK M., ŞAHAN E., YILDIRIM İ.
7. Ulusal Analitik Kimya Kongresi, Türkiye, 1 - 05 Eylül 2014
- LXXXVI. **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
- LXXXVII. **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

LXXXVIII. **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

LXXXIX. **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

XC. **Supramoleküler çözücü mikroekstraksiyonu ile eser düzeydeki bakırın zenginleştirilmesi**

YILMAZ E., SOYLAK M.

III. Eser Analiz Çalıştayı, Türkiye, 15 - 18 Mayıs 2014

XCI. **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

XCII. **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

XCIII. **SUPRAMOLEKÜLER ÇÖZÜCÜ MİKROEKSTRAKSİYONU İLE ESER DÜZEYDEKİ BAKIRIN ZENGİNLEŞTİRİLMESİ**

YILMAZ E., Soylak M.

III. Eser Analiz Çalıştayı, Tokat, Türkiye, 15 - 18 Mayıs 2014, ss.13

XCIV. **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

XCIV. **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

XCVI. **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

XCVII. **Su örneklerindeki Pb(II) iyonunun katı faz ekstraksiyonu ile zenginleştirilmesi için polipirol-çok duvarlı karbon nanotüp kompozit sentezi**

ŞAHMETLİOĞLU E., YILMAZ E., SOYLAK M., AKTAŞ E.

III. Eser Analiz Çalıştayı, Türkiye, 15 - 18 Mayıs 2014

XCVIII. **SU ÖRNEKLERİNDEKİ Pb(II) İYONUNUN KATI FAZ EKSTRAKSİYONU İLE ZENGİNLEŞTİRİLMESİ İÇİN POLİPİROL-ÇOK DUVARLI KARBON NANOTÜP KOMPOZİT SENTEZİ**

ŞAHMETLİOĞLU E., YILMAZ E., AKTAŞ E., SOYLAK M.

III. Eser Analiz Çalıştayı, Tokat, Türkiye, 15 - 18 Mayıs 2014, ss.14

XCIX. **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

- C. **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
- CI. **Enrichment of lead from water and tobacco samples by 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
- CII. **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
- CIII. **Kayseri Marketlerinde Satılan Kırmızı ve Siyah Biberlerin AğırMetal İçerikleri**
SOYLAK M., YILMAZ E.
II.Tıbbi Jeoloji Çalıştayı, Türkiye, 4 - 06 Aralık 2013
- CIV. **Çevresel Örneklerde Metallerin Tayinlerinde Yeni Yaklaşımla**
Soylak M., YILMAZ E.
II.Tıbbi Jeoloji Çalıştayı, Antalya, Türkiye, 4 - 06 Aralık 2013, ss.153-154
- CV. **Gıda Örneklerinde Eser Metal Analizi: Katı faz ekstraksiyonu ve Alevli atomik absorpsiyon spektrometrik analizi kombinasyonu**
ALOTHMAN Z., Habila M., YILMAZ E., Soylak M.
II.Tıbbi Jeoloji Çalıştayı, Antalya, Türkiye, 4 - 06 Aralık 2013, ss.155-156
- CVI. **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**
Habila M., YILMAZ E., Al-othman Z., SOYLAK M.
2nd International Conference on New Trends in Chemometrics and Applications, Ankara, Türkiye, 25 - 28 Ekim 2013, ss.30
- CVII. **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.
2nd International Conference on New Trends in Chemometrics and Applications, Ankara, Türkiye, 25 - 28 Ekim 2013, ss.17
- CVIII. **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
- CIX. **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
- CX. **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
- CXI. **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
- CXII. **Eser Düzeydeki Kurşun'un Zenginleştirilmesi İçin Aktif Karbon Kumaşının Kullanımı**
Al-othman Z., YILMAZ E., Habila M., Soylak M.

Uluslararası Katılımlı XIII. Ulusal Spektroskopi Kongres, Burdur, Türkiye, 15 - 18 Mayıs 2013, ss.231

- CXIII. **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
- CXIV. **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
- CXV. **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
- CXVI. **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
- CXVII. **Eser Düzeydeki Nikelin Dispersif Sıvı-Sıvı Mikroekstraksiyonu**
Alothman Z. A., YILMAZ E., Soylak M., Habila M.
VI. Ulusal Analitik Kimya Kongresi, Hatay, Türkiye, 3 - 07 Eylül 2012, ss.208
- CXVIII. **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
- CXIX. **Dispersive Liquid-Liquid Microextraction for Pre-Concentration of Copper As 1-(2-Pyridylazo)-2-Naphthol Complex Followed by Flame Atomic Absorption Spectrometry**
Kandhro G. A., soylak M., Gul Kazi T., YILMAZ E., Afridi H. I.
II. Eser analiz Çalıştayı, Trabzon, Türkiye, 27 - 30 Haziran 2012, ss.27
- CXX. **Altın'ın İyonik Sıvı Mikroekstraksiyonu Zenginleştirilmesi**
SOYLAK M., YILMAZ E.
II. Eser Analiz Çalıştayı, Trabzon, Türkiye, 27 - 30 Haziran 2012, ss.70
- CXXI. **Ülkemizden Çeşitli Ekmek Örneklerinin Ağır Metal Düzeylerinin Belirlenmesi**
SOYLAK M., YILMAZ E.
II. Eser Analiz Çalıştayı, Trabzon, Türkiye, 27 - 30 Haziran 2012, ss.71
- CXXII. **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
- CXXIII. **Farklı Özellikteki Topraklarda Ardışık Ekstraksiyon Yöntemiyle Bazı Ağır Metallerin Tayini**
sungur a., YILMAZ E., Soylak M., yilmaz s., özcan h.
II. Eser Analiz Çalıştayı, Trabzon, Türkiye, 27 - 30 Haziran 2012, ss.41
- CXXIV. **Dispersive Liquid-Liquid Microextraction for PreConcentration of Copper As 1-(2-Pyridylazo)-2-Naphthol Complex Followed by Flame Atomic Absorption Spectrometry**
KANDHRO G., SOYLAK M., KAZI T., YILMAZ E., AFRIDI H.
II. Eser analiz Çalıştayı, Türkiye, 27 - 30 Haziran 2012
- CXXV. **Speciation of Chromium in Water and Soil Samples after Coprecipitation**
SARAÇOĞLU S., YILMAZ E., SOYLAK M.
II. Eser Analiz Çalıştayı, Trabzon, Türkiye, 1 - 04 Haziran 2012, ss.141
- CXXVI. **Solid Phase Extraction of Cd(II), Pb(II), Zn(II), Cu(II), Co(II) and Ni(II) in Environmental Samples on 4-(2-Thiazolylazo) Resorcinol Impregnated Multiwalled Carbon Nanotube**

- Al-othman Z., Habila M., YILMAZ E., Soylak M.
The Fourth International Chemistry Conference, Riyadh, Suudi Arabistan, 19 - 21 Kasım 2011, ss.219
- CXXVII. **Kurşunun Bulutlanma Noktası Ekstraksiyonu ile Ayrılması ve Zenginleştirilmesi**
SOYLAK M., YILMAZ E., Sheibani M., gheadi m., Montazerzohori M.
XII. Ulusal Spektroskopi Kongresi, Antalya, Türkiye, 18 - 22 Mayıs 2011, ss.139
- CXXVIII. **Determination of Pb(II), Cu(II), Ni(II) and Fe(III) by Flame Atomic Absorption Spectrometry after Preconcentration on Single Carbon Nanotube**
YILMAZ E., Alothman Z. A., Sumayli H., İbrahim M., Soylak M.
XII. Ulusal Spektroskopi Kongresi, Antalya, Türkiye, 18 - 22 Mayıs 2011, ss.42
- CXXIX. **TRACE ELEMENT LEVELS OF ORGANICALLY PRODUCED MEDICINAL PLANT SAMPLES FROM TURKEY**
Narin İ., çitak D., tüzen m., YILMAZ E., SOYLAK M.
first international conference on organic food quality and health research, Praque, Çek Cumhuriyeti, 18 - 20 Mayıs 2011, ss.84
- CXXX. **TRACE ELEMENT LEVELS OF ORGANIC LEGUMES AND MACARONI SAMPLES PRODUCED IN TURKEY**
YILMAZ E., Narin İ., çitak D., tüzen m., SOYLAK M.
first international conference on organic food quality and health research, Praque, Çek Cumhuriyeti, 18 - 20 Mayıs 2011, ss.85
- CXXXI. **Kayseri İli İncesu İlçesindeki Toprak, Üzüm ve Pekmez Örneklerinin Ağır Metal Düzeylerinin AAS İle Belirlenmesi**
SOYLAK M., YILMAZ E., ÜNSAL Y. E., TÜZEN M.
I. Ulusal İncesu Sempozyumu, Türkiye, 22 - 24 Ekim 2010
- CXXXII. **Fe(III), Cu (II), Ni (II), Zn(II) Ve Pb (II)'nin Tek Duvarlı Nanotüp Disk Üzerinde Zenginleştirilmesi**
SOYLAK M., YILMAZ E.
V. Ulusal Analitik Kimya Kongresi, Erzurum, Türkiye, 21 - 25 Haziran 2010, ss.62
- CXXXIII. **Organik Yetiştirilmiş Kuru Gıdaların Ağır Metal Düzeylerinin AAS ile Belirlenmesi**
SOYLAK M., cihan z., YILMAZ E.
V. Ulusal Analitik Kimya Kongresi, Erzurum, Türkiye, 21 - 25 Haziran 2010, ss.91
- CXXXIV. **Ni(II), Cu(II), Fe(III) ve Co(II)'nin TAR Kompleksleri Halinde Diaion SP-850 Reçinesi Üzerinde Zenginleştirilmesi**
Soylak M., YILMAZ E.
1. Eser analiz çalıştay, Denizli, Türkiye, 22 - 25 Nisan 2010, ss.70

Desteklenen Projeler

YILMAZ E., TÜBİTAK Projesi, Dünyada Yogun Kullanılan Bazı İlaç Etkin Maddelerinin Antarktika Horseshoe Adası ve Çevresindeki Su, Dip-Kıyı Sedimentleri ve Balık Örneklerinde İzlenmesi için Yeni Nesil Ekstraksiyon Yöntemleri ile Ayırma-Zenginleştirme ve Kromatografik Tayin Basamaklarını İçeren Yüksek Duyarlılıkta Analitik Yöntemlerin Gelistirilmesi, Devam Ediyor

SOYLAK M., YILMAZ E., GÖRÜCÜ H. H., Yükseköğretim Kurumları Destekli Proje, ESER DÜZEYDEKİ FOSFATIN ZENGİNLEŞTİRİLMESİ İÇİN YENİ BİR YAKLAŞIM, 2016 - 2018

SOYLAK M., YILMAZ E., Yükseköğretim Kurumları Destekli Proje, Mikroekstraksiyon ile Eser Türlerin Ayrılması, Zenginleştirilmesi ve Türlendirilmesi, 2014 - 2017

KÖSE M., SOYLAK M., DEMİRKAN F. G., YILMAZ E., Yükseköğretim Kurumları Destekli Proje, HIŞILTILI ÇOCUKLARDA MAGNEZYUM DÜZEYİ, 2016 - 2016

SOYLAK M., YILMAZ E., Yükseköğretim Kurumları Destekli Proje, Metal iyonlarının mikroekstraksiyonu için yeni nesil çözücüler, 2015 - 2016

SOYLAK M., SHAH F., KANDHRO G. A., Kandhro G. A., YILMAZ E., Shah F., Yükseköğretim Kurumları Destekli Proje, Mikro ekstraksiyon ile eser düzeyde metal zenginleştirilmesi, 2012 - 2013

SOYLAK M., YILMAZ E., Yükseköğretim Kurumları Destekli Proje, Karbon Nanotüp Üzerinde Bazı Metal İyonlarının Zenginleştirilmesi, 2011 - 2012

Patent

Yılmaz E., Aydın İ., Aydın L., FARKLI CİHAZLARDA VE SİSTEMLERDE KULLANILAN YÜKSEK KATMA DEĞERLİ MANYETİK FERROSİVİLLERİN YERLİ İMKANLAR İLE ÜRETİLMESİ, Patent, BÖLÜM B İşlemlerin Uygulanması; Taşıma, Buluşun Tescil No: TR 2019 19043 B , Standart Tescil, 2023

Bilimsel Hakemlikler

Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, SCI Kapsamındaki Dergi, Haziran 2014

Metrikler

Yayın: 298

Atf (WoS): 4096

Atf (Scopus): 4874

H-İndeks (WoS): 38

H-İndeks (Scopus): 41

Burslar

Üstün başarı bursu, Vakıf, 2007 - Devam Ediyor

Ödüller

YILMAZ E., KTÜ-TTO 2017 DÜŞÜNDEN GERÇEĞİNE PROJE PAZARI EN İYİ PROJE ÖDÜLÜ, Karadeniz Teknik Üniversitesi, Haziran 2017

YILMAZ E., YILIN GİRİŞİMCİ AKADEMİSYENİ ÖDÜLÜ, GİRİŞİMCİ İŞ ADAMLARI VAKFI, Şubat 2017

YILMAZ E., EN İYİ PROJE ÜÇÜNCÜLÜĞÜ ÖDÜLÜ, TÜRKİYE İHRACATÇILAR MECLİSİ KİMYA PROJE PAZARI, Kasım 2016

YILMAZ E., AKILLI ÇÖZÜCÜ SİSTEMLERİNİN GELİŞTİRİLMESİ VE BU ÇÖZÜCÜLERİN ENDÜSTRİYEL ÖLÇEKTE KULLANILMASI, İzmir yüksek teknoloji enstitüsü ne üretilim proje yarışması en iyi proje ödülü, Ağustos 2016

Akademi Dışı Deneyim

King Saud University