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Personal Information

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Education Information

Doctorate, Erciyes Üniversitesi, Fen Bilimleri , Kimya, Turkey 1990 - 1993

Post Graduate, Erciyes Üniversitesi, Fen Bilimleri , Kimya, Turkey 1988 - 1990

Under Graduate, Erciyes Üniversitesi, Fen-Edebiyat Fakültesi, Kimya, Turkey 1984 - 1988

Foreign Languages

English, C1 Advanced

Dissertations

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

Post Graduate, KAYSERİ CİVARINDAKİ AKARSULARIN ANORGANİK KİRLİLİK AÇISINDAN İNCELENMESİ, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Kimya, 1990

Research Areas

Technical Sciences, Environmental Engineering, Environmental Sciences, Environmental Chemistry, Basic Sciences, Chemistry, Analytical Chemistry, Separation Methods, Chromatographic Analysis, Spectroscopical Methods

Academic Titles / Tasks

Professor, Erciyes Üniversitesi, Fen Fakültesi, Kimya , 2003 - Continues

Associate Professor, Erciyes Üniversitesi, Fen Fakültesi, Kimya , 1997 - 2003

Assistant Professor, Erciyes Üniversitesi, Fen Fakültesi, Kimya , 1995 - 1997

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **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, vol.338, 2021 (Journal Indexed in SCI Expanded)**
- **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, vol.243, 2020 (Journal Indexed in SCI Expanded)

● **Switchable-hydrophilicity solvent liquid-liquid microextraction**

Alshana U., Hassan M., Al-Nidawi M., YILMAZ E., SOYLAK M.

TRAC - Trends in Analytical Chemistry, vol.131, 2020 (Journal Indexed in SCI Expanded)

● **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, vol.321, 2020 (Journal Indexed in SCI Expanded)

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

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

Journal of Pharmaceutical and Biomedical Analysis, vol.186, 2020 (Journal Indexed in SCI Expanded)

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

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

Microchemical Journal, vol.156, 2020 (Journal Indexed in SCI Expanded)

● **Metal organic frameworks enhanced dispersive solid phase microextraction of malathion before detection by UHPLC-MS/MS**

Habila M., Alhenaki B., El-Marghany A., Sheikh M., Ghfar A., ALOthman Z., SOYLAK M.

JOURNAL OF SEPARATION SCIENCE, 2020 (Journal Indexed in SCI)

● **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**

UZCAN F., SOYLAK M.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2020 (Journal Indexed in SCI)

● **A green and simple liquid-phase microextraction based on deep eutectic solvent for the erythrosine prior to its UV-VIS spectrophotometric detection**

Erbas Z., SOYLAK M.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, 2020 (Journal Indexed in SCI)

● **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, vol.92, pp.149-155, 2020 (Journal Indexed in SCI)

● **A novel-easy deep eutectic solvent-based microextraction procedure for the separation, preconcentration and spectrophotometric determination of chromotrope 2R in water, detergent and food samples**

Shah S. N. , Erbas Z., SOYLAK M.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2020 (Journal Indexed in SCI)

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

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

APPLIED ORGANOMETALLIC CHEMISTRY, vol.34, 2020 (Journal Indexed in SCI)

● **Spectrophotometric determination of traces allura red in environmental samples after a deep eutectic solvent-based microextraction**

UZCAN F., SOYLAK M.

INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2020 (Journal Indexed in SCI)

● **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., Alabdulkarem E. A. , SOYLAK M.

Measurement: Journal of the International Measurement Confederation, vol.153, 2020 (Journal Indexed in SCI)

- **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, vol.57, pp.927-933, 2020 (Journal Indexed in SCI)
- **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, vol.179, 2020 (Journal Indexed in SCI)
- **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.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2020 (Journal Indexed in SCI)
- **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, vol.207, 2020 (Journal Indexed in SCI)
- **Development of combined-supramolecular microextraction with ultra-performance liquid chromatography-tandem mass spectrometry procedures for ultra-trace analysis of carbaryl in water, fruits and vegetables**
ALothman Z. A. , YILMAZ E., Habila M. A. , Alhenaki B., SOYLAK M., Ahmed A. Y. B. H. , Alabdulkarem E.
International Journal of Environmental Analytical Chemistry, 2020 (Journal Indexed in SCI Expanded)
- **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, vol.184, 2020 (Journal Indexed in SCI)
- **Functionalized nanomaterials for sample preparation methods**
YILMAZ E., SOYLAK M.
HANDBOOK OF NANOMATERIALS IN ANALYTICAL CHEMISTRY: MODERN TRENDS IN ANALYSIS, pp.375-413, 2020 (Journal Indexed in SCI)
- **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, 2020 (Journal Indexed in SCI Expanded)
- **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, 2020 (Journal Indexed in SCI)
- **Thiomalic acid/ferric chloride-based deep eutectic solvent for microextraction of chromium in natural water samples prior to FAAS analysis**
Habila M. A. , Alabdulkarem E. A. , ALOthman Z. A. , YILMAZ E., SOYLAK M.
International Journal of Environmental Analytical Chemistry, 2020 (Journal Indexed in SCI Expanded)
- **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, vol.41, pp.43-50, 2020 (Journal Indexed in SCI)
- **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, vol.36, pp.1667-1676, 2019 (Journal Indexed in SCI)

- **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, vol.11, pp.5108-5117, 2019 (Journal Indexed in SCI)
- **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, vol.186, 2019 (Journal Indexed in SCI)
- **Fe₃O₄@SiO₂@Bacillus pumilis: magnetised solid phase bio-extractor for preconcentration of Pb(II) and Cu(II) from water samples**
Erbaş Z., SOYLAK M., Ozdemir S., Kilinc E.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.99, pp.1112-1122, 2019 (Journal Indexed in SCI)
- **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, vol.40, pp.173-178, 2019 (Journal Indexed in SCI)
- **Solid-phase extraction of copper as 1-(2-pyridylazo)-2-naphthol (PAN) chelates on Coprinus atramentaria**
Erbaş Z., Maulana R., YILMAZ E., Ozdemir S., Kilinc E., SOYLAK M.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2019 (Journal Indexed in SCI)
- **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, vol.16, pp.1365-1372, 2019 (Journal Indexed in SCI)
- **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, vol.148, pp.214-219, 2019 (Journal Indexed in SCI)
- **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., Erbaş Z., ULUSOY H. İ. , SOYLAK M.
SEPARATION SCIENCE AND TECHNOLOGY, 2019 (Journal Indexed in SCI)
- **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, 2019 (Journal Indexed in SCI)
- **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, vol.186, 2019 (Journal Indexed in SCI)
- **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., KOKSAL M.
MICROCHEMICAL JOURNAL, vol.147, pp.832-837, 2019 (Journal Indexed in SCI)
- **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, vol.99, pp.595-605, 2019 (Journal Indexed in SCI)

- **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, vol.147, pp.173-182, 2019 (Journal Indexed in SCI)
- **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, vol.16, pp.687-694, 2019 (Journal Indexed in SCI)
- **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, vol.279, pp.571-577, 2019 (Journal Indexed in SCI)
- **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, vol.145, pp.843-851, 2019 (Journal Indexed in SCI)
- **Deep eutectic solvent based liquid phase microextraction of nickel at trace level as its diethyldithiocarbamate chelate from environmental samples**
Erbaş Z., SOYLAK M., YILMAZ E., Dogan M.
MICROCHEMICAL JOURNAL, vol.145, pp.745-750, 2019 (Journal Indexed in SCI)
- **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, vol.144, pp.166-171, 2019 (Journal Indexed in SCI)
- **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, vol.145, pp.813-818, 2019 (Journal Indexed in SCI)
- **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, vol.28, pp.213-227, 2019 (Journal Indexed in SCI)
- **Magnetic solid phase extractions of Co(II) and Hg(II) by using magnetized C-micaceus from water and food samples**
Ozdemir S., Mohamedsaid S. A. , Kilinc E., SOYLAK M.
FOOD CHEMISTRY, vol.271, pp.232-238, 2019 (Journal Indexed in SCI)
- **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, 2019 (Journal Indexed in SCI)
- **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, vol.43, pp.1217-1228, 2019 (Journal Indexed in SCI)
- **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, vol.144, pp.19-25, 2019 (Journal Indexed in SCI)
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, vol.102, pp.217-221, 2019 (Journal Indexed in SCI)
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, vol.40, pp.17-23, 2019 (Journal Indexed in SCI)
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 (Journal Indexed in SCI)
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), vol.54, pp.2431-2439, 2019 (Journal Indexed in SCI)
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, vol.143, pp.198-204, 2018 (Journal Indexed in SCI)
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, vol.53, pp.2612-2621, 2018 (Journal Indexed in SCI)
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, vol.15, pp.2307-2314, 2018 (Journal Indexed in SCI)
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, vol.202, pp.81-86, 2018 (Journal Indexed in SCI)
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, vol.15, pp.1721-1731, 2018 (Journal Indexed in SCI)
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, vol.39, pp.158-163, 2018 (Journal Indexed in SCI)
Nanomaterial's based chromium speciation in environmental samples: A review
 ARAIN M. B. , ALI I., YILMAZ E., SOYLAK M.
- TRAC-TRENDS IN ANALYTICAL CHEMISTRY, vol.103, pp.44-55, 2018 (Journal Indexed in SCI)
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, vol.15, pp.1347-1354, 2018 (Journal Indexed in SCI)
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, vol.1084, pp.113-121, 2018 (Journal Indexed in SCI)
- **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.
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- **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.
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- **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.
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- **Vortex assisted deep eutectic solvent (DES)-emulsification liquid-liquid microextraction of trace curcumin in food and herbal tea samples**
 Aydın F., YILMAZ E., SOYLAK M.
 FOOD CHEMISTRY, vol.243, pp.442-447, 2018 (Journal Indexed in SCI)
- **Magnetic Solid Phase Extraction of Lead, Cadmium, and Cobalt on Magnetic Carboxyl-Modified Nanodiamonds (MCNDs) from Natural Water Samples and Their Determination by Flame Atomic Absorption Spectrometry**
 KHAN M., SOYLAK M.
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- **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, vol.315, pp.185-193, 2018 (Journal Indexed in SCI)
- **Vortex assisted solid-phase extraction of lead(II) using orthorhombic nanosized Bi₂WO₆ as a sorbent**
 BAGHBAN N., YILMAZ E., SOYLAK M.
 MICROCHIMICA ACTA, vol.185, 2018 (Journal Indexed in SCI)
- **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, vol.98, pp.799-810, 2018 (Journal Indexed in SCI)
- **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.
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- **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.
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● **Exhaled breath condensate magnesium levels of infants with bronchiolitis**

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Turkish Journal of Pediatrics, vol.60, pp.535-539, 2018 (Journal Indexed in SCI)

● **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, vol.185, 2018 (Journal Indexed in SCI)

● **Switchable solvent based liquid phase microextraction of palladium coupled with determination by flame atomic absorption spectrometry**

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

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

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● **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, vol.14, pp.2521-2528, 2017 (Journal Indexed in SCI)

● **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.

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