

Prof.Dr. MUSTAFA SOYLAK

Kişisel Bilgiler

İş Telefonu: [+90 352 207 6666](tel:+903522076666) Dahili: 33166

E-posta: soylak@erciyes.edu.tr

Web: <https://www.soylak.net>

Eğitim Bilgileri

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

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

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

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

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

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

Araştırma Alanları

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

Akademik Unvanlar / Görevler

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

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

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

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- **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 İndekslerine Giren Dergi)**
- **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.

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● **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 İndekslerine Giren Dergi)

● **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.

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

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Journal of Pharmaceutical and Biomedical Analysis, cilt.186, 2020 (SCI Expanded İndekslerine Giren Dergi)

● **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.

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

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● **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 (SCI İndekslerine Giren Dergi)

● **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 (SCI İndekslerine Giren Dergi)

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

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● **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.

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● **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.

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

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● **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, cilt.153, 2020 (SCI İndekslerine Giren

Dergi)

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

KILIÇ S., SOYLAK M.

JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, cilt.57, ss.927-933, 2020 (SCI İndekslerine Giren Dergi)

● **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.

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

DİVRİKLİ Ü., Altun F., AKDOĞAN A., SOYLAK M., ELÇİ L.

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● **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.

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● **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.

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● **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.

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● **Functionalized nanomaterials for sample preparation methods**

YILMAZ E., SOYLAK M.

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● **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.

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● **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.

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● **Thiomalic acid/ferric chloride-based deep eutectic solvent for microextraction of chromium in natural water samples prior to FAAS analysis**

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● **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.

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

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

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- ASSESSMENT, cilt.36, ss.1667-1676, 2019 (SCI İndekslerine Giren Dergi)
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, ss.5108-5117, 2019 (SCI İndekslerine Giren Dergi)
- **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.
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- **Fe₃O₄@SiO₂@Bacillus pumilis: magnetised solid phase bio-extractor for preconcentration of Pb(II) and Cu(II) from water samples**
 Erbas Z., SOYLAK M., Ozdemir S., Kilinc E.
 INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, cilt.99, ss.1112-1122, 2019 (SCI İndekslerine Giren Dergi)
- **Assessment of Relationship Between Geochemical Fractions of Barium in Soil of Cherry Orchards and Plant Barium Uptake and Determination by Inductively Coupled Plasma Optical Emission Spectrometry**
 SUNGUR A., GÜR E., EVEREST T., SOYLAK M., ÖZCAN H.
 ATOMIC SPECTROSCOPY, cilt.40, ss.173-178, 2019 (SCI İndekslerine Giren Dergi)
- **Solid-phase extraction of copper as 1-(2-pyridylazo)-2-naphthol (PAN) chelates on Coprinus atramentaria**
 Erbas Z., Maulana R., YILMAZ E., Ozdemir S., Kilinc E., SOYLAK M.
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- **Magnetic solid-phase extraction of quercetin on magnetic-activated carbon cloth (MACC)**
 Arain M. B. , YILMAZ E., HODA N., Kazi T. G. , SOYLAK M.
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- **A new amine based microextraction of lead (II) in real water samples using flame atomic absorption spectrometry**
 Habila M. A. , ALOthman Z. A. , YILMAZ E., Alabdulkarem E. A. , SOYLAK M.
 MICROCHEMICAL JOURNAL, cilt.148, ss.214-219, 2019 (SCI İndekslerine Giren Dergi)
- **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, 2019 (SCI İndekslerine Giren Dergi)
- **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.
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- **A magnetized fungal solid-phase extractor for the preconcentrations of uranium(VI) and thorium(IV) before their quantitation by ICP-OES**
 Kilinc E., Ozdemir S., Yalcin M. S. , SOYLAK M.
 MICROCHIMICA ACTA, cilt.186, 2019 (SCI İndekslerine Giren Dergi)
- **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, cilt.147, ss.832-837, 2019 (SCI İndekslerine Giren Dergi)
- **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.
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Memon Z. M. , YILMAZ E., Shah A. M. , Kazi T. G. , Devrajani B. R. , SOYLAK M.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, cilt.16, ss.687-694, 2019 (SCI İndekslerine Giren Dergi)

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

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MICROCHEMICAL JOURNAL, cilt.145, ss.843-851, 2019 (SCI İndekslerine Giren Dergi)

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

MICROCHEMICAL JOURNAL, cilt.145, ss.745-750, 2019 (SCI İndekslerine Giren Dergi)

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

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

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SUNGUR A., SOYLAK M., ÖZCAN H.

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FOOD CHEMISTRY, cilt.271, ss.232-238, 2019 (SCI İndekslerine Giren Dergi)

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

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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.

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

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SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, cilt.202, ss.81-86, 2018 (SCI İndekslerine Giren Dergi)

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.

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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.

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ARAIN M. B. , ALI I., YILMAZ E., SOYLAK M.

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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

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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

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ALOTHMAN Z. A. , HABILA M. 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

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Aydın F., YILMAZ E., SOYLAK M.

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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

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

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

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sulfate coated alumina modified with 2-hydroxy-(3-((1-H-indol 3-yle)phenyl) methyl) 1-H-indol (2-HIYPMI)

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● **Enrichment and determinations of nickel(II), cadmium(II), copper(II), cobalt(II) and lead(II) ions in natural waters, table salts, tea and urine samples as pyrrolydine dithiocarbamate chelates by membrane filtration-flame atomic absorption spectrometry combination**

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● **Cobalt determination in natural water and table salt samples by flame atomic absorption spectroscopy/on-line solid phase extraction combination**

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● **Chemical analysis of drinking water samples from Yozgat, Turkey**

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ASIAN JOURNAL OF CHEMISTRY, cilt.14, ss.135-138, 2002 (SCI İndekslerine Giren Dergi)

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