

Doç.Dr. ERKAN YILMAZ

Kişisel Bilgiler

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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

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **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 İndekslerine Giren Dergi)
- II. **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 İndekslerine Giren Dergi)
- III. **Application of magnetic nanomaterials in bioanalysis**

Yılmaz E., Sarp G., Uzcan F., Özalp Ö., Soylak M.

Talanta, cilt.229, 2021 (SCI İndekslerine Giren Dergi)

- IV. **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 İndekslerine Giren Dergi)
- V. **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, 2021 (SCI İndekslerine Giren Dergi)
- VI. **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 İndekslerine Giren Dergi)
- VII. **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 İndekslerine Giren Dergi)
- VIII. **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 İndekslerine Giren Dergi)
- IX. **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 İndekslerine Giren Dergi)
- X. **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 İndekslerine Giren Dergi)
- XI. **Deep Eutectic Solvent-Based Microextraction of Lead(II) Traces from Water and Aqueous Extracts before FAAS Measurements**
Habla M. A. , AlMasoud N., Alomar T. S. , AlOthman Z. A. , YILMAZ E., SOYLAK M.
MOLECULES, cilt.25, sa.20, 2020 (SCI İndekslerine Giren Dergi)
- XII. **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 İndekslerine Giren Dergi)
- XIII. **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 İndekslerine Giren Dergi)
- XIV. **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 İndekslerine Giren Dergi)
- XV. **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, cilt.100, sa.9, ss.992-1003, 2020 (SCI İndekslerine Giren Dergi)

- XVI. **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 İndekslerine Giren Dergi)
- XVII. **SERS-active hydrophobic substrates fabricated by surface growth of Cu nanostructures**
ŞAKİR M., YILMAZ E., ÖNSES M. S.
MICROCHEMICAL JOURNAL, cilt.154, 2020 (SCI İndekslerine Giren Dergi)
- XVIII. **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 İndekslerine Giren Dergi)
- XIX. **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)
- XX. **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., Yilmaz E.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, cilt.179, 2020 (SCI İndekslerine Giren Dergi)
- XXI. **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-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, cilt.589, 2020 (SCI İndekslerine Giren Dergi)
- XXII. **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**
Aydin F., YILMAZ E., Ölmez E., SOYLAK M.
Talanta, cilt.207, 2020 (SCI İndekslerine Giren Dergi)
- XXIII. **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 İndekslerine Giren Dergi)
- XXIV. **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 (SCI Expanded İndekslerine Giren Dergi)
- XXV. **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 (SCI Expanded İndekslerine Giren Dergi)
- XXVI. **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-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, cilt.585, 2020 (SCI İndekslerine Giren Dergi)

- XXVII. **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 İndekslerine Giren Dergi)
- XXVIII. **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 İndekslerine Giren Dergi)
- XXIX. **Trace determination of vitamin B12 in food samples by using Fe₃O₄ magnetic particles including multi-walled carbon nanotubes and nanodiamonds**
ULUSOY H. İ., Güle S., YILMAZ E., SOYLAK M.
Analytical Methods, cilt.11, sa.40, ss.5108-5117, 2019 (SCI İndekslerine Giren Dergi)
- XXX. **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 İndekslerine Giren Dergi)
- XXXI. **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 İndekslerine Giren Dergi)
- XXXII. **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 İndekslerine Giren Dergi)
- XXXIII. **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 İndekslerine Giren Dergi)
- XXXIV. **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 İndekslerine Giren Dergi)
- XXXV. **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 İndekslerine Giren Dergi)
- XXXVI. **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 İndekslerine Giren Dergi)
- XXXVII. **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., Habiba 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 İndekslerine Giren Dergi)
- XXXVIII. **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 İndekslerine Giren Dergi)
- XXXIX. **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 İndekslerine Giren Dergi)

- XL. **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, cilt.145, ss.745-750, 2019 (SCI İndekslerine Giren Dergi)
- XLI. **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 İndekslerine Giren Dergi)
- XLII. **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 İndekslerine Giren Dergi)
- XLIII. **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 İndekslerine Giren Dergi)
- XLIV. **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 İndekslerine Giren Dergi)
- XLV. **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 İndekslerine Giren Dergi)
- XLVI. **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 İndekslerine Giren Dergi)
- XLVII. **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 İndekslerine Giren Dergi)
- XLVIII. **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. İ. , Demir O., SOYLAK M.
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.1084, ss.113-121, 2018 (SCI İndekslerine Giren Dergi)
- XLIX. **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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- L. **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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- LI. **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, cilt.243, ss.442-447, 2018 (SCI İndekslerine Giren Dergi)
- LII. **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 İndekslerine Giren Dergi)
- LIII. **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**
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- LIV. **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 İndekslerine Giren Dergi)
- LV. **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 İndekslerine Giren Dergi)
- LVI. **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 İndekslerine Giren Dergi)
- LVII. **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 İndekslerine Giren Dergi)
- LVIII. **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 İndekslerine Giren Dergi)
- LIX. **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 İndekslerine Giren Dergi)
- LX. **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 İndekslerine Giren Dergi)
- LXI. **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 İndekslerine Giren Dergi)
- LXII. **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 İndekslerine Giren Dergi)
- LXIII. **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 İndekslerine Giren Dergi)
- LXIV. **Ligandless switchable solvent based liquid phase microextraction of nickel from food and cigarette samples prior to its micro-sampling flame atomic absorption spectrometric determination**
RECLO M., YILMAZ E., SOYLAK M., ANDRUCH V., BAZEL Y.
JOURNAL OF MOLECULAR LIQUIDS, cilt.237, ss.236-241, 2017 (SCI İndekslerine Giren Dergi)
- LXV. **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.
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- LXVI. **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 İndekslerine Giren Dergi)
- LXVII. **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**
Aydin F., YILMAZ E., SOYLAK M.
MICROCHEMICAL JOURNAL, cilt.132, ss.280-285, 2017 (SCI İndekslerine Giren Dergi)
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