

## Doç.Dr. ERKAN YILMAZ

### Kişisel Bilgiler

E-posta: erkanyilmaz@erciyes.edu.tr

Web: <http://aves.erciyes.edu.tr/erkanyilmaz/>

### 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

- 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**  
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- V. **An easy and green amine-based microextraction strategy combined UV-Vis spectrophotometric detection for mercury in natural water samples**  
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- VI. **Fabrication of superhydrophobic Ag@ZnO@Bi<sub>2</sub>WO<sub>6</sub> membrane disc as flexible and photocatalytic active reusable SERS substrate**  
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- VIII. **An environmentally friendly and novel amine-based liquid phase microextraction of quercetin in food samples prior to its determination by UV-vis spectrophotometry**  
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- IX. **Switchable-hydrophilicity solvent liquid-liquid microextraction**  
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- X. **Deep Eutectic Solvent-Based Microextraction of Lead(II) Traces from Water and Aqueous Extracts before FAAS Measurements**  
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- XI. **Pyrocatechol violet impregnated magnetic graphene oxide for magnetic solid phase microextraction of copper in water, black tea and diet supplements**  
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- XII. **Solid-phase extraction of copper as 1-(2-pyridylazo)-2-naphthol (PAN) chelates on Coprinus atramentaria**  
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- XIV. **Fabrication and characterization of SiO<sub>2</sub>@Fe<sub>3</sub>O<sub>4</sub>@nanodiamonds for vortex-assisted magnetic solid-phase extraction of lead in cigarette samples prior to FAAS detection**  
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- XV. **TiO<sub>2</sub> nanoparticles and C-Nanofibers modified magnetic Fe<sub>3</sub>O<sub>4</sub> nanospheres (TiO<sub>2</sub>@Fe<sub>3</sub>O<sub>4</sub>@C-NF): A multifunctional hybrid material for magnetic solid-phase extraction of ibuprofen and photocatalytic degradation of drug molecules and azo dye**  
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- XVI. **SERS-active hydrophobic substrates fabricated by surface growth of Cu nanostructures**  
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- XVIII. **A novel deep eutectic solvent microextraction procedure for enrichment, separation and atomic absorption spectrometric determination of palladium at ultra-trace levels in environmental samples**  
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- XIX. **Low bandgap microsphere-like magnetic nanocomposite: An enhanced photocatalyst for degradation of organic contaminants and fabrication of SERS-active surfaces**  
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- XX. **Green synthesis of magnetic carbon nanodot/graphene oxide hybrid material (Fe<sub>3</sub>O<sub>4</sub>@C-nanodot@GO) for magnetic solid phase extraction of ibuprofen in human blood samples prior to HPLC-DAD determination**  
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- XXIV. **Thiomalic acid/ferric chloride-based deep eutectic solvent for microextraction of chromium in natural water samples prior to FAAS analysis**  
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- XXVI. **Analytical methodology for trace determination of propoxur and fenitrothion pesticide residues by decanoic acid modified magnetic nanoparticles**  
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- XXVII. **A flower-like hybrid material composed of Fe<sub>3</sub>O<sub>4</sub>, graphene oxide and CdSe nanodots for magnetic solid phase extraction of ibuprofen prior to its quantification by HPLC detection**

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- XXX. **Separation, enrichment and spectrophotometric determination of erythrosine (E127) in drug, cosmetic and food samples by heat-induced homogeneous liquid-liquid microextraction method**  
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- XXXI. **A new amine based microextraction of lead (II) in real water samples using flame atomic absorption spectrometry**  
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- XXXII. **Magnetic solid-phase extraction of quercetin on magnetic-activated carbon cloth (MACC)**  
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- XXXIII. **Trace analysis of quercetin in tea samples by HPLC-DAD system by means of a new nanocomposite including magnetic core-shell**  
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- XXXIV. **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**  
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- XXXVIII. **Supramolecular solvent microextraction and ultra-performance liquid chromatography-tandem mass spectrometry combination for the preconcentration and determination of malathion in environmental samples**  
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- 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**

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- XL. **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**  
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- XLV. **Synthesis and characterization of Pd nanoparticle-modified magnetic Sm<sub>2</sub>O<sub>3</sub>-ZrO<sub>2</sub> as effective multifunctional catalyst for reduction of 2-nitrophenol and degradation of organic dyes**  
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- XLVII. **Dispersive liquid-liquid microextraction of lead(II) as tropaeolin ooo chelates from environmental samples prior to microsampling flame atomic absorption spectrometry**  
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- XLIX. **Ultrasound-assisted Supramolecular Microextraction of Copper in Water, Food, Hair, and Tobacco Samples Prior to Microsampling Flame Atomic Absorption Spectrometry**  
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- LI. **Exhaled breath condensate magnesium levels of infants with bronchiolitis**  
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- LII. **Vortex assisted solid-phase extraction of lead(II) using orthorhombic nanosized Bi<sub>2</sub>WO<sub>6</sub> as a sorbent**  
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- 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. **Switchable solvent based liquid phase microextraction of palladium coupled with determination by flame atomic absorption spectrometry**  
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- LV. **Trace elements in blood samples of smoker and nonsmoker active pulmonary tuberculosis patients from Jamshoro, Pakistan**  
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- LVII. **Facile and green solvothermal synthesis of palladium nanoparticle-nanodiamond-graphene oxide material with improved bifunctional catalytic properties**  
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- LVIII. **One step hydrothermal synthesis and characterization of moss like MWCNT-Bi<sub>2</sub>S<sub>3</sub> nanomaterial for solid phase extraction of copper**  
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- LX. **A magnetic MoS<sub>2</sub>-Fe<sub>3</sub>O<sub>4</sub> nanocomposite as an effective adsorbent for dispersive solid-phase microextraction of lead(II) and copper(II) prior to their determination by FAAS**  
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- LXI. **Magnetic Graphene Oxide as an Efficient Adsorbent for the Separation and Preconcentration of Cu(II), Pb(II), and Cd(II) from Environmental Samples**  
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- LXII. **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**  
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## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **Usage of Enzyme Catalysts Supported with Magnetic Nanomaterials in Polymer Synthesis**

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Erbaş Z., Maulana R., YILMAZ E., ÖZDEMİR S., KILINÇ E.  
International Trace Analysis Congress, 20 - 23 Haziran 2018
- VII. **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
- 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. **Multiwalled carbon nanotube/CuO/Cu<sub>2</sub>O 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
- X. **Solid phase extraction of Cu (II) with 1-(2-pyridylazo)-2-naphtol on Coprinus Atramentaria**  
ERBAŞ Z., MAULANA R., YILMAZ E., ÖZDEMİR S., KILINÇ E., SOYLAK M.  
International Trace Analysis Conference, Sivas, Türkiye, 20 - 23 Haziran 2018
- XI. **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
- XII. **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
- XIII. **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

- XIV. **Microextraction of Ni(II) from environmental samples and its flameatomic 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
- 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. **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
- XVII. **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
- XVIII. **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
- XIX. **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
- XX. **Synthesis of Mose<sub>2</sub> -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
- XXI. **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
- XXII. **Synthesis and characterization of MWCNTs-NiCo<sub>2</sub>O<sub>4</sub> 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
- XXIII. **Humik asit mikroekstraksiyonu için yeni bir yöntem**  
YILMAZ E., ÖZDEMİR B., SOYLAK M.  
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017
- XXIV. **Poliakrilamid modifiye edilmiş SiO<sub>2</sub>/Fe<sub>3</sub>O<sub>4</sub>/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
- XXV. **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
- XXVI. **Derin ötektik çözücü sıvı faz mikroekstraksiyonu ile eser düzeydeki Ni(II) iyonlarının ayrılması ve zenginleştirilmesi**

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XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017
- XXVII. **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
- XXVIII. **Poliakrilamid Modifiye Edilmiş SiO<sub>2</sub>/Fe<sub>3</sub>O<sub>4</sub>/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
- XXIX. **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
- XXX. **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
- XXXI. **Duyarlı Quarcetine analizi için katı faz destek malzemesi geliştirilmesi**  
Songül U., YILMAZ E., SOYLAK M.  
XV. Ulusal Spektroskopi Kongresi, Türkiye, 17 - 19 Mayıs 2017
- XXXII. **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
- XXXIII. **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
- XXXIV. **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
- XXXV. **The use of MoS<sub>2</sub>/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. **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
- XXXVII. **Ultrasound Assisted Deep Eutectic Solvent Based Emulsification Liquid Phase Microextraction For Speciation Of Chromium**  
YILMAZ E., SOYLAK M.  
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- XXXVIII. **Switchable Hydrophilicity Solvent Based Microextraction of Nickel Prior to Determination by Flame Atomic Absorption Spectrometry**  
Recló M., YILMAZ E., SOYLAK M., Andruch V.  
XXI st Slovak - Czech Spectroscopic Conference, Türkiye, 16 - 20 Ekim 2016
- XXXIX. **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
- XL. **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
- XLI. **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
- XLII. **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
- XLIII. **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
- XLIV. **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
- XLV. **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
- XLVI. **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
- XLVII. **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
- XLVIII. **(3-Aminopropil) Trietoksi silane Modifiye Edilmiş GO/CNT/FE3O4/SİO2 Nano Hibritinin Sentezi, Karakterizasyonu Ve Eser Metal Zenginleştirilmesinde Kullanımı**  
YILMAZ E., AĞIRBAŞ M., SOYLAK M.  
IV. Eser Analiz Kongresi, Türkiye, 19 - 22 Mayıs 2016
- XLIX. **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
- L. **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
- 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. **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
- LIII. **Nano FE3O4/Nanodiamond/SİO2 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. **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
- LVI. **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
- LVII. **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
- 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. **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
- LX. **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.  
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- LXI. **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.  
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- LXII. **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
- LXIII. **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
- LXIV. **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, cilt1, ss.52
- LXV. **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

- LXVI. **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
- LXVII. **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
- LXVIII. **Eser Düzeydeki Co(II)' nin Supramoleküler Temelli Sıvı Faz Mikroekstraksiyonu**  
ALOTHMAN Z., HABILA M., ALHARBI N., YILMAZ E., SOYLAK M.  
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- LXIX. **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.  
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- LXX. **Protein Inorganic BSA Cu III Hybrid Nanoflowers Biosensor for Detection of Hg II Ions**  
YILMAZ E., ÖZDEMİR H., ÖÇSOY İ., Gorucu H., Yilmaz I., SOYLAK M.  
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YILMAZ E., SOYLAK M.  
XIV. Ulusal Spektroskopi Kongresi, Türkiye, 29 - 31 Mayıs 2015
- LXXII. **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
- LXXIII. **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
- LXXIV. **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.  
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- LXXV. **Synthesizing and Characterization of Magnetic Graphene-Conducting Polymer Composite for Enrichment of Metlas**  
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The 6th International Conference on Optical Spectroscopy, Laser and their Applications, Cairo, Mısır, 6 Nisan - 09 Mayıs 2015, ss.41
- LXXVI. **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
- LXXVII. **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
- 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, Mısır, 7 - 09 Nisan 2015, cilt.1, ss.41

- LXXXIX. **%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 İ., TUNCA O., SİPAHİOĞLU M. H. , TOKGÖZ B.  
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- LXXX. **Bakır(II) iyonlarının çeşitli ortamlardan mikroekstraksiyonu**  
GÖRÜCÜ H., YILMAZ E., SOYLAK M., ŞAHAN E., YILDIRIM İ.  
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- LXXXI. **Bakır(II) İyonlarının Çeşitli ortamlardan Mikroekstraksiyonu**  
Görücü H., YILMAZ E., ŞAHAN E., YILDIRIM İ., SOYLAK M.  
7. Ulusal Analitik Kimya Kongresi, Kahramanmaraş, Türkiye, 1 - 05 Eylül 2014, ss.42
- LXXXII. **Manyetik nanodiamond' un ziram' ın zenginleştirilmesinde kullanımı**  
YILMAZ E., Soylak M.  
7. ulusal analitik kimya kongresi, Kahramanmaraş, Türkiye, 1 - 05 Eylül 2014, ss.71
- LXXXIII. **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
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