

Assoc. Prof. VEDAT YILMAZ

Personal Information

Office Phone: [+90 352 207 6666](tel:+903522076666) Extension: 28051

Office Phone: [+90 352 207 6666](tel:+903522076666) Extension: 28427

Fax Phone: [+90 352 437 9169](tel:+903524379169)

Email: vyilmaz@erciyes.edu.tr

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

Address: Erciyes Üniversitesi Eczacılık Fakültesi Analitik Kimya ABD 38039 Kayseri Türkiye

International Researcher IDs

ORCID: 0000-0001-6194-6527

Yoksis Researcher ID: 23293

Education Information

Post Doctorate, Jackson State University, Department Of Chemistry And Biochemistry, Analytical Chemistry, United States Of America 2014 - 2015

Post Doctorate, Jackson State University, Department Of Chemistry And Biochemistry, Analytical Chemistry, United States Of America 2011 - 2012

Doctorate, Erciyes University, Sağlık Bilimleri Fakültesi, Analitik Kimya, Turkey 2006 - 2011

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Kimya/Analitik Kimya, Turkey 2003 - 2006

Undergraduate, Erciyes University, Fen-Edebiyat Fakültesi, Kimya, Turkey 1999 - 2003

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Yüksek Basınçlı Sıvı Kromatografisi, Agilent, 2009

Education Management and Planning, İnduktif Eslemeli Plazma Kütle Spektrometrisi (ICP-MS), Agilent (SEM Lab. Cih.), 2007

Education Management and Planning, Atomik Absorpsiyon Spektrometresi, PerkinElmer, 2007

Education Management and Planning, Ultra Performans Sıvı Kromatografisi, Waters, 2005

Dissertations

Doctorate, Yeni baskılı polimer ve şelat yapıcı reçineler kullanarak bazı eser elementlerin alevli atomik absorpsiyon spektrometrik tayini, Erciyes Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya, 2011

Postgraduate, Amberlite XAD-1180/TAN şelat yapıcı reçinesi ile katı faz ekstraksiyonu sonrası bazı eser metallerin FAAS ile tayini , Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Kimya/Analitik Kimya, 2006

Research Areas

Basic Sciences, Chemistry, Analytical Chemistry, Adsorption Spectroscopy, Atomic Mass Spectrometry, Atomic and Molecular Spectroscopy, Separation Methods, Chromatographic Analysis

Academic Titles / Tasks

Associate Professor, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2018 - Continues

Assistant Professor, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2018 - 2018

Assistant Professor, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2011 - 2018

Research Assistant, Erciyes University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2004 - 2011

Courses

Moleküler Baskılanmış Polimerler ve Uygulamaları, Postgraduate, 2013 - 2014

Doping ve Doping Analiz Yöntemleri, Undergraduate, 2013 - 2014

Akademik İngilizce, Postgraduate, 2013 - 2014

Analitik Kimya II Laboratuvarı, Undergraduate, 2013 - 2014

Analitik Kimya I, Undergraduate, 2013 - 2014

Kimyada İstatistiksel Yöntemler, Postgraduate, 2013 - 2014

Genel Kimya, Undergraduate, 2013 - 2014

Analitik Kimya I Laboratuvarı, Undergraduate, 2013 - 2014

Analitik Kimyada Araştırma Metodolojisi, Postgraduate, 2013 - 2014

Analitik kimya I laboratuvarı , Undergraduate, 2012 - 2013

Analitik kimya II laboratuvarı , Undergraduate, 2012 - 2013

Jury Memberships

Post Graduate, Tez Savunma Jurisi, Erciyes Üniversitesi, July, 2014

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **In Situ Synthesis of Horseradish Peroxidase Nanoflower@Carbon Nanotube Hybrid Nanobiocatalysts with Greatly Enhanced Catalytic Activity**
DADI Ş., Temür N., GÜL O. T., YILMAZ V., ÖÇSOY İ.
LANGMUIR, vol.39, no.13, pp.4819-4828, 2023 (SCI-Expanded)
- II. **Synthesis of Long-Term Stable Gold Nanoparticles Benefiting from Red Raspberry (*Rubus idaeus*), Strawberry (*Fragaria ananassa*), and Blackberry (*Rubus fruticosus*) Extracts-Gold Ion Complexation and Investigation of Reaction Conditions**
DEMİRBAŞ A., Büyükbezirci K., Celik C., Kislakci E., Karaagac Z., Gokturk E., Kati A., ÇİMEN B., YILMAZ V., ÖÇSOY İ.
ACS OMEGA, vol.4, no.20, pp.18637-18644, 2019 (SCI-Expanded)
- III. **Sequential coprecipitation and matrix removal for determination of cadmium impurities from multivitamin supplements by inductively coupled plasma mass spectrometry and method validation by isotope dilution analysis of SRM 3280 multivitamin/multielement tablets**
White J., Celik A., Washington R., Yilmaz V., Mitchum T., Arslan Z.
MICROCHEMICAL JOURNAL, vol.139, pp.242-249, 2018 (SCI-Expanded)
- IV. **Electrochemical Determination of Copper(II) in Water Samples Using a Novel Ion-Selective Electrode Based on a Graphite Oxide-Imprinted Polymer Composite**

Topcu C., Lacin G., YILMAZ V., ÇOLDUR F., ÇAĞLAR B., ÇUBUK O., İŞILDAK İ.

ANALYTICAL LETTERS, vol.51, no.12, pp.1890-1910, 2018 (SCI-Expanded)

- V. **Anthocyanins-rich berry extracts directed formation of Ag NPs with the investigation of their antioxidant and antimicrobial activities**
Demirbaş A., YILMAZ V., İLDİZ N., Baldemir A., ÖÇSOY İ.
JOURNAL OF MOLECULAR LIQUIDS, vol.248, pp.1044-1049, 2017 (SCI-Expanded)
- VI. **DNA aptamer functionalized gold nanostructures for molecular recognition and photothermal inactivation of methicillin-Resistant Staphylococcus aureus**
ÖÇSOY İ., Yusufbeyoğlu S., YILMAZ V., MCLAMORE E. S., İLDİZ N., ÜLGİN A.
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.159, pp.16-22, 2017 (SCI-Expanded)
- VII. **Self assembled snowball-like hybrid nanostructures comprising Viburnum opulus L. extract and metal ions for antimicrobial and catalytic applications**
İLDİZ N., Baldemir A., Altınkaynak C., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.
ENZYME AND MICROBIAL TECHNOLOGY, vol.102, pp.60-66, 2017 (SCI-Expanded)
- VIII. **A green approach for formation of silver nanoparticles on magnetic graphene oxide and highly effective antimicrobial activity and reusability**
ÖÇSOY İ., TEMİZ M., ÇELİK C., Altınsoy B., YILMAZ V., DUMAN F.
JOURNAL OF MOLECULAR LIQUIDS, vol.227, pp.147-152, 2017 (SCI-Expanded)
- IX. **Novel Imprinted Polymer for the Preconcentration of Cadmium with Determination by Inductively Coupled Plasma Mass Spectrometry**
Yilmaz V., Yilmaz H., Arslan Z., Leszczynski J.
ANALYTICAL LETTERS, vol.50, no.3, pp.482-499, 2017 (SCI-Expanded)
- X. **Synthesis and characterization of green tea (Camellia sinensis (L.) Kuntze) extract and its major components-based nanoflowers: a new strategy to enhance antimicrobial activity**
Baldemir A., KOSE N. B., İLDİZ N., İLGÜN S., Yusufbeyoğlu S., YILMAZ V., ÖÇSOY İ.
RSC ADVANCES, vol.7, no.70, pp.44303-44308, 2017 (SCI-Expanded)
- XI. **Efficient generation of volatile cadmium species using Ti(III) and Ti(IV) and application to determination of cadmium by cold vapor generation inductively coupled plasma mass spectrometry (CVG-ICP-MS)**
Arslan Z., Yilmaz V., Rose L.
MICROCHEMICAL JOURNAL, vol.123, pp.170-178, 2015 (SCI-Expanded)
- XII. **Preparation of a new Cu(II)-imprinted polymer and its application for the determination of trace copper in water samples by flame atomic absorption spectrometry**
YILMAZ V., KARTAL Ş.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, vol.95, no.2, pp.106-120, 2015 (SCI-Expanded)
- XIII. **Selective solid phase extraction of copper using a new Cu(II)-imprinted polymer and determination by inductively coupled plasma optical emission spectroscopy (ICP-OES)**
Yilmaz V., Arslan Z., Hazer O., Yilmaz H.
MICROCHEMICAL JOURNAL, vol.114, pp.65-72, 2014 (SCI-Expanded)
- XIV. **MULTIELEMENT SOLID PHASE PRECONCENTRATION USING A CHELATING RESIN OF STYRENE DIVINYLBENZENE COPOLYMER AND APPLICATION FOR THE ANALYSIS OF SEAWATER AND FISH OTOLITHS BY INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY (ICP-MS)**
Zereen F., Yilmaz V., Arslan Z.
ANALYTICAL LETTERS, vol.47, no.1, pp.58-76, 2014 (SCI-Expanded)
- XV. **Synthesis, characterization and application of a novel ion-imprinted polymer for selective solid phase extraction of copper(II) ions from high salt matrices prior to its determination by FAAS**
YILMAZ V., Hazer O., KARTAL Ş.
TALANTA, vol.116, pp.322-329, 2013 (SCI-Expanded)
- XVI. **Cyanovanadate(III) complexes as novel additives for efficient generation of volatile cadmium species in complex samples prior to determinations by inductively coupled plasma mass**

spectrometry (ICP-MS)

Yilmaz V., Arslan Z., Rose L., Little M. D.

TALANTA, vol.115, pp.681-687, 2013 (SCI-Expanded)

- XVII. **Solid phase extraction of rare earth elements in seawater and estuarine water with 4-(2-thiazolylazo) resorcinol immobilized Chromosorb 106 for determination by inductively coupled plasma mass spectrometry**
Zereen F., Yilmaz V., Arslan Z.
MICROCHEMICAL JOURNAL, vol.110, pp.178-184, 2013 (SCI-Expanded)
- XVIII. **Determination of lead by hydride generation inductively coupled plasma mass spectrometry (HG-ICP-MS): On-line generation of plumbane using potassium hexacyanomanganate(III)**
Yilmaz V., Arslan Z., Rose L.
ANALYTICA CHIMICA ACTA, vol.761, pp.18-26, 2013 (SCI-Expanded)
- XIX. **On-line chemical vapour generation of cadmium in the presence of hexacyanochromate(III) for determination by inductively coupled plasma mass spectrometry (ICP-MS)**
Yilmaz V., Rose L., Arslan Z., Little M. D.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, vol.27, no.11, pp.1895-1902, 2012 (SCI-Expanded)
- XX. **Determination of Some Trace Metals by FAAS after Solid-phase Extraction with Amberlite XAD-1180/TAN Chelating Resin**
YILMAZ V., KARTAL Ş.
ANALYTICAL SCIENCES, vol.28, no.5, pp.515-521, 2012 (SCI-Expanded)
- XXI. **An Assessment on Metal Sources by Multivariate Analysis and Speciation of Metals in Soil Samples Using the BCR Sequential Extraction Procedure**
TOKALIOĞLU Ş., YILMAZ V., KARTAL Ş.
CLEAN-SOIL AIR WATER, vol.38, no.8, pp.713-718, 2010 (SCI-Expanded)
- XXII. **Synthesis of a novel chelating resin and its use for selective separation and preconcentration of some trace metals in water samples**
Tokaloğlu Ş., Yılmaz V., Kartal Ş., Delibaş A., Soykan C.
JOURNAL OF HAZARDOUS MATERIALS, vol.169, pp.593-598, 2009 (SCI-Expanded)
- XXIII. **Solid phase extraction of Pd(II) on a newly synthesized chelating resin prior to determination by flame atomic absorption spectrometry**
TOKALIOĞLU Ş., YILMAZ V., KARTAL Ş., Delibas A., Soykan C.
MICROCHIMICA ACTA, vol.165, pp.347-352, 2009 (SCI-Expanded)
- XXIV. **Solid phase extraction of Cu(II), Ni(II), Pb(II), Cd(II) and Mn(II) ions with 1-(2-thiazolylazo)-2-naphthol loaded Amberlite XAD-1180**
TOKALIOĞLU Ş., YILMAZ V., KARTAL Ş.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.152, pp.369-377, 2009 (SCI-Expanded)
- XXV. **Determination of lead and cadmium in food samples by the coprecipitation method**
Oymak T., TOKALIOĞLU Ş., YILMAZ V., KARTAL Ş., AYDIN D.
FOOD CHEMISTRY, vol.113, no.4, pp.1314-1317, 2009 (SCI-Expanded)
- XXVI. **Solid Phase Extraction of Cu(II), Ni(II), Pb(II), Cd(II) and Mn(II) Ions in Water Samples with 1-(2-thiazolylazo)-2-naphthol Loaded Amberlite XAD-1180**
Tokaloğlu Ş., Yılmaz V., Kartal Ş.
Environmental Monitoring And Assessment, vol.152, pp.369-377, 2009 (SCI-Expanded)
- XXVII. **Determination of Cd(II), Co(II), Cu(II), Ni(II), and Pb(II) ions by FAAS after separation/preconcentration using amberlite XAD-1180 chelating resin chemically modified with o-aminophenol**
Kartal S., Oezdemir I., Tokalioglu S., Yilmaz V.
SEPARATION SCIENCE AND TECHNOLOGY, vol.42, no.14, pp.3199-3215, 2007 (SCI-Expanded)

Articles Published in Other Journals

- I. **A new approach for green synthesis and characterization of Artemisia L. (Asteraceae) genotype extracts -Cu₂ nanocomplexes (nanoflower) and their effective antimicrobial activity**
Baldemir Kılıç A., Altinkaynak C., Ildız N., Özdemir N., Yılmaz V., Öçsoy İ.
Medicine Science International Medical Journal, vol.9, no.1, pp.191-196, 2020 (Peer-Reviewed Journal)
- II. **Kudret Narı (Momordica charantia Descourt.) Meyvesinden Saflaştırılan Peroksidaz Enzimi Kullanılarak Hibrit Nano Çiçekler Sentezlenmesi ve Direct blue 1 Gideriminde Kullanılabilirlikleri**
ALTINKAYNAK C., BALDEMİR KILIÇ A., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.9, no.2, pp.573-583, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **PREPARATION OF ARTEMISIA L. (ASTERACEAE) EXTRACTS INCORPORATED NANOFLOWERS AND THEIR ENHANCED ANTIMICROBIAL ACTIVITY**
BALDEMİR KILIÇ A., ALTINKAYNAK C., ILDIZ N., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.
International Multidisciplinary Symposium on Drug Research Development (DRD 2019), 1 July - 03 January 2019, vol.1, pp.233-239
- II. **Synthesis of Mannase Hybrid Nanocomposite and Investigation of Its Stain Removal Performance**
ÖÇSOY İ., YILMAZ V., ÇİMEN B., DEMİRBAŞ A.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), 24 - 26 October 2018
- III. **Folic Acid Directed Organic-Inorganic Hybrid Nanoflowers and Investigation of Their Catalytic and Antimicrobial Activities**
YILMAZ V., ÖÇSOY İ., ILDIZ N.
3rd International Mediterranean Science and Engineering Congress (IMSEC 2018), 24 - 26 October 2018
- IV. **Rational Formation of Peptides Hybrid Nanoflower With Its Enzyme-Mimic and Antimicrobial Activities**
Taşdemir D., Çelik Ç., Yusufbeyoğlu S., Ildız N., Avan İ., Yılmaz V., Öçsoy İ.
International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018, vol.1, no.1, pp.273-279
- V. **Synthesis of enzyme-inorganic hybrid nanoflowers using the purified peroxidase from ripe and unripe bitter melon and its use in dye decolorization**
ALTINKAYNAK C., BALDEMİR A., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.
Ancon-International Congress on Chemistry and Materials Science, Ankara, Turkey, 5 - 07 October 2017
- VI. **The Effect of Metal Ions on the Formation of BSA Based Hybrid Nanostructures and on Their Enzyme Mimic and Antimicrobial Activities**
Arslan Öçsoy M., TAŞDEMİR D., MAZICIOĞLU S., Çelik Ç., ILDIZ N., YILMAZ V., ÖÇSOY İ.
2nd International Mediterranean Science and Engineering Congress, 25 - 27 October 2017
- VII. **Red Cabbage (Brassica oleracea) Extract Directed Organic-Inorganic Nanoflower and Investigation Their Enzyme Mimic and Antioxidant Activities**
ÖÇSOY İ., YILMAZ V., Taşdemir D., Mazicioğlu S., Çelik Ç.
2nd International Mediterranean Science and Engineering Congress, 25 - 27 October 2017
- VIII. **Vitamin Molecules (folic acid, thiamine and riboflavin) and Metal ions Incorporated Flower-Like Nanocomposites and Their Enzyme Mimic and Antimicrobial Activities**
ÖÇSOY İ., BALDEMİR A., ILDIZ N., YILMAZ V.
13th Nanoscience Nanotechnology Conference (NanoTR-13), 22 - 25 October 2017
- IX. **Formation of Nanoflower From Denatured Enzyme and Investigation of Their Catalytic Activities**
ARSLAN ÖÇSOY M., TAŞDEMİR D., ÇELİK Ç., ILDIZ N., BALDEMİR A., ÖÇSOY İ., YILMAZ V.
13th Nanoscience Nanotechnology Conference (NanoTR-13), 22 - 25 October 2017
- X. **Chitosan-Metal Ions Based Hybrid Nanostructures and Their Antimicrobial Properties**

ÖÇSOY İ., YILMAZ V., ILDIZ N.

International Health and Natural Sciences Conference, 19 - 21 October 2017

- XI. **Synthesis of Lipaz and Dual Metal Ions Coordinated Flower-Shaped Hybrid Nanostructures with Examination of Catalytic and Antimicrobial Properties**
ARSLAN ÖÇSOY M., ÖÇSOY İ., YILMAZ V., ILDIZ N.
International Health and Natural Sciences Conference (INHSC 2017), 19 - 21 October 2017
- XII. **Synthesis of enzyme-inorganic hybrid nanoflowers using the purified peroxidase of from ripe and unripe Bitter bitter Gourd gourd and its use in dye decolorization**
Altınkaynak C., BALDEMİR A., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.
International Congress on Chemistry and Materials Science (Ancon), Ankara, Turkey, 5 - 07 October 2017
- XIII. **DNA Aptamer Conjugated Gold Nanostructures For Molecular Recognition and Photothermally Destruction of Methicillin-Resistant Staphylococcus Aureus**
ÖÇSOY İ., Yusufbeyoğlu S., Çelik Ç., ILDIZ N., YILMAZ V., MCLAMORE E.
28th International Conference on Photochemistry, 16 - 21 July 2017
- XIV. **Selected various aptamer conjugated gold nanorod as a nano platform for recognizing and photothermally killing of drug resistance pathogenic bacteria**
ÖÇSOY İ., Yusufbeyoğlu S., ILDIZ N., YILMAZ V., ÜLGEN A., McLamore E.
The 22nd International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- XV. **Anthocyanin rich Plants Direct Gold Nanoparticle Formation and Their Antimicrobial Activity Against Bacterial and Fungal Pathogens**
YILMAZ V., Büyükbezirci K., ÖÇSOY İ., BALDEMİR A., ILDIZ N.
1st International Mediterranean Science and Engineering Congress, 26 - 28 October 2016
- XVI. **Anthocyanin-rich plants directed gold nanoparticle formation and their antimicrobial activity against bacterial and fungal pathogens**
YILMAZ V., Büyükbezirci K., ÖÇSOY İ., BALDEMİR A., ILDIZ N.
1st International Mediterranean SCIENCE AND ENGINEERING CONGRESS, Adana, Turkey, 26 - 28 October 2016, pp.3340
- XVII. **Anthocyanin rich plants directed gold nanoparticle formation and their antimicrobial activity**
YILMAZ V., Büyükbezirci K., ÖÇSOY İ., BALDEMİR A., ILDIZ N.
IMSEC 2016, 26 - 28 October 2016
- XVIII. **DNA aptamer functionalized gold nanostructures for molecular recognition and photothermally**
ÖÇSOY İ., Yusufbeyoğlu S., Çelik Ç., Arslan Öçsoy M., ILDIZ N., YILMAZ V.
IMSEC 2016, 26 - 28 October 2016
- XIX. **SYNTHESIS AND CHARACTERIZATION OF Viburnum opulus L. (GUELDER ROSE) EXTRACT BASED NANOFLOWERS: A NEW STRATEGY TO ENHANCE ANTIBACTERIAL ACTIVITY**
ILDIZ N., BALDEMİR A., Altınkaynak C., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.
4th International Bau Drug Design Congress, İstanbul, Turkey, 13 - 15 October 2016, pp.99
- XX. **Küçük peptitlerden Hibrit Nano Yapıların Sentezi, Karakterizasyonu ve Katalitik Aktivite ve Antibakteriyel Özelliklerin İncelenmesi**
Yusufbeyoğlu S., Büyükbezirci K., YILMAZ V., ILDIZ N., AVAN İ., ÖÇSOY İ.
VI. Ulusal Polimer Bilim ve Teknoloji Kongresi, Ankara, Turkey, 4 - 07 September 2016, pp.83
- XXI. **Küçük peptitlerden hibrit nano yapıların sentezi, karakterizasyonu ve katalitik aktivite ve antibakteriyel özelliklerin incelenmesi**
YUSUFBEYOĞLU S., BÜYÜKBEZİRCİ K., YILMAZ V., ÖÇSOY İ., ILDIZ N., AVAN İ.
VI. Ulusal Polimer Bilim ve Teknoloji Kongresi, Turkey, 4 - 07 September 2016
- XXII. **Farklı Artemisia L Türlerinden Ekstre Cu₂ Hibrit Nano Çiçeklerin Sentezi Karakterizasyonu ve Antimikrobiyal Etkinlikleri XXII**
BALDEMİR A., ALTINKAYNAK C., ILDIZ N., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.
XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 03 September 2016
- XXIII. **Farklı Artemisia L. Türlerinden Ekstre-Cu₂+Hibrit Nano Çiçeklerin Sentezi, Karakterizasyonu ve Antimikrobiyal Etkinlikleri**

BALDEMİR A., Altınkaynak C., İLDİZ N., ÖZDEMİR N., YILMAZ V., ÖÇSOY İ.

XXII. Bitkisel İlaç Hammaddeleri Toplantısı, Trabzon, Turkey, 31 August - 03 September 2016, vol.1, pp.209

- XXIV. **Hekzasianokromat(III) kompleksini kullanarak çeşitli biyolojik ve çevre örneklerinde kadmiyumun buhar oluşturmali-ICP-MS ile tayini**

YILMAZ V., ARSLAN Z., ROSE L.

8. Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016

- XXV. **Yeni metal iyon baskılanmış polimer sentezi, karakterizasyonu ve eser düzeydeki kadmiyumun kompleks matrikslerden seçimli ekstraksiyonu sonrası ICP-MS ile tayini için Kullanımı**

YILMAZ V., YILMAZ H., ARSLAN Z., LESZCZYNSKI J.

8. Ulusal Analitik Kimya Kongresi, Turkey, 30 May - 03 June 2016

- XXVI. **CHEMICAL VAPOR GENERATION FOR SENSITIVE DETECTION OF URANIUM AND THORIUM**

ÇELİK A., YILMAZ V., ZİKRİ A.

MISSISSIPPI ACADEMY OF SCIENCES, EIGHTIETH ANNUAL MEETING, 18 - 19 February 2016

- XXVII. **NOVEL ION IMPRINTED POLYMER FOR SELECTIVE SOLID PHASE EXTRACTION CADMIUM FROM SALINE MATRICES**

ARSLAN Z., YILMAZ V., YILMAZ H., LESZCZYNSKI J.

MISSISSIPPI ACADEMY OF SCIENCES, EIGHTIETH ANNUAL MEETING, 18 - 19 February 2016

- XXVIII. **COPRECIPITATION OF CADMIUM IMPURITIES FROM MULTIVITAMIN TABLETS AND DETERMINATION BY ID ICPMS**

WASHINGTON R., ÇELİK A., WHITE J., YILMAZ V., ARSLAN Z.

MISSISSIPPI ACADEMY OF SCIENCES, EIGHTIETH ANNUAL MEETING, 18 - 19 February 2016

- XXIX. **GENERATING VOLATILE SPECIES OF URANIUM AND THORIUM USING TETRAHYDROBORATE A NOVEL ANALYTICAL TOOL FOR RADIONUCLIDE DETECTION**

ÇELİK A., YILMAZ V., ARSLAN Z.

Twelfth International Symposium on Recent Advances in Environmental Health Research, 13 - 16 September 2014

- XXX. **Novel ion imprinted polymer for selective solid phase extraction and detection of trace cadmium from saline matrices by inductively coupled plasma mass spectrometry**

YILMAZ V., YILMAZ H., ARSLAN Z., LESZCZYNSKI J.

Twelfth International Symposium on Recent Advances in Environmental Health Research, Jackson, MS, 13 - 16 September 2015

- XXXI. **Comparison of coprecipitation approaches for separation of cadmium impurities from multivitamin tablets and determination by isotope dilution ICP MS**

WASHINGTON R., ÇELİK A., YILMAZ V., WHITE J., ARSLAN Z.

Twelfth International Symposium on Recent Advances in Environmental Health Research, Jackson, MS, 13 - 16 September 2015

- XXXII. **Innovating Vapor Generation Approach for Cadmium Determination Novel Ti III and Ti IV Catalysts for Improved Generation of Volatile Cadmium Species**

ARSLAN Z., YILMAZ V., ROSE L.

2015 PITTCOON CONFERENCE and EXPO, 8 - 12 March 2015

- XXXIII. **Generation of Volatile Cadmium Species in Acidic Media Using Al III Sc III Y III and KCN for ICP MS Measurement**

ÇELİK A., YILMAZ V., ARSLAN Z.

2015 PITTCOON CONFERENCE and EXPO, New Orleans, Louisiana, United States Of America, 8 - 12 March 2015

- XXXIV. **Synthesis Characterization and Application of a Novel Thiourea Based Resin for Solid Phase Extraction and Determination of Ultra Trace Au Ir Pd Pt and Ru by ICP MS**

ARSLAN Z., YILMAZ V., BAŞARAN İ., HOSSAIN A.

2015 PITTCOON CONFERENCE and EXPO, 8 - 12 March 2015

- XXXV. **A Novel Chelating Polymer of Salicylaldehyde for Selective Solid Phase Extraction of Uranium VI and Thorium IV Radionuclides in Seawater for ICP MS Detection**

YILMAZ V., ARSLAN Z., BAŞARAN İ., HOSSAIN A.

2015 PITTCOON CONFERENCE and EXPO, 8 - 12 March 2015

- XXXVI. **A NOVEL SALICYLALDEHYDE FUNCTIONALIZED CHELATING POLYMER FOR SOLID PHASE EXTRACTION OF URANIUM VI AND THORIUM IV IN SEAWATER SAMPLES FOR ICP MS DETECTION**
YILMAZ V., ARSLAN Z., BAŞARAN İ., HOSSAİN A.
MISSISSIPPI ACADEMY OF SCIENCES, SEVENTY-NINTH ANNUAL MEETING, 26 - 27 February 2015
- XXXVII. **IMPACT OF LIGHT EXPOSURE AND CHELATING LIGANDS ON ION RELEASE PROPERTIES OF SILVER NANOPARTICLES**
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