

## Res. Asst. OYA AYDIN URUCU

### Personal Information

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### Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Analitik Kimya (Dr), Turkey 2003 - 2010

Post Graduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Analitik Kimya (YI) (Tezli), Turkey 1999 - 2002

Under Graduate, Marmara University, Faculty of Arts and Sciences, Chemistry, Turkey 1995 - 1999

### Dissertations

Doctorate, Deniz suyunda ağır metal tayini için yeni bir yöntem geliştirilmesi, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Analitik Kimya (Dr), 2010

Post Graduate, Yeni bir tiyazolil azo bileşiği sentezi ve komplekslerinin incelenmesi, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Analitik Kimya (YI) (Tezli), 2002

### Research Areas

Analytical Chemistry

### Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Arts and Sciences, Chemistry, 2000 - Continues

### Advising Theses

Kök Yetimoğlu E., Aydın Urucu O., Ağır metal analizleri için çevre dostu yeşil bir ön zenginleştirme yöntemi geliştirilmesi, Post Graduate, E.DUYGU(Student), 2021

Kök Yetimoğlu E., Aydın Urucu O., KATI FAZ MİKRO EKSTRAKSİYON YÖNTEMİYLE ORGANOFOSFORLU PESTİSİTLERİN TAYİNİ İÇİN YÖNTEM GELİŞTİRİLMESİ, Post Graduate, D.Devocioğlu(Student), 2015

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

- I. **Switchable solvent based liquid phase microextraction method for detection of cadmium in water samples with flame atomic absorption spectrometry**  
Aydın Urucu O., Aracıer E. D.  
Journal Of Aoac International, vol.1, pp.1-7, 2020 (Journal Indexed in SCI Expanded)
- II. **Selective molecularly imprinted polymer for the analysis of chlorpyrifos in water samples**

AYDIN URUCU O., Beyler Çiğil A., BİRTANE H., KÖK YETİMOĞLU E., KAHRAMAN M. V.

Journal of Industrial and Engineering Chemistry, vol.87, pp.145-151, 2020 (Journal Indexed in SCI)

- III. **Multivariate optimisation of a novel green microextraction method for Fe (III) determination in environmental samples by FAAS**  
AYDIN URUCU O., YILDIZ N., Aracier E. D.  
INTERNATIONAL JOURNAL OF ENVIRONMENTAL ANALYTICAL CHEMISTRY, 2020 (Journal Indexed in SCI)
- IV. **Nanodiamond-containing polyethyleneimine hybrid materials for lead adsorption from aqueous media**  
Çiğil A. B. , Urucu O., Kahraman M. V.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.46, 2019 (Journal Indexed in SCI)
- V. **Silsesquioxane-modified chitosan nanocomposite as a nanoadsorbent for the wastewater treatment**  
Kucuk A. C. , Urucu O.  
REACTIVE & FUNCTIONAL POLYMERS, vol.140, pp.22-30, 2019 (Journal Indexed in SCI)
- VI. **Allylimidazole containing OSTE based photocured materials for selective and efficient removal of gold from aqueous media**  
AYDIN URUCU O., Aracier E. D. , ÇAKMAKÇI E.  
MICROCHEMICAL JOURNAL, vol.146, pp.997-1003, 2019 (Journal Indexed in SCI)
- VII. **Undecanol-ethanol-water ternary system based microextraction for the detection of cadmium**  
AYDIN URUCU O., KÖK YETİMOĞLU E., Dönmez Ş., DENİZ S.  
Journal Of The Serbian Chemical Society, vol.84, pp.435-443, 2019 (Journal Indexed in SCI Expanded)
- VIII. **Solidified Floating Organic Drop Microextraction for the Detection of Trace Amount of Lead in Various Samples by Electrothermal Atomic Absorption Spectrometry**  
AYDIN URUCU O., Donmez S., KÖK YETİMOĞLU E.  
JOURNAL OF ANALYTICAL METHODS IN CHEMISTRY, 2017 (Journal Indexed in SCI)
- IX. **Coprecipitation for the Determination of Copper(II), Zinc(II), and Lead(II) in Seawater by Flame Atomic Absorption Spectrometry**  
AYDIN URUCU O., AYDIN A.  
ANALYTICAL LETTERS, vol.48, no.11, pp.1767-1776, 2015 (Journal Indexed in SCI)
- X. **A novel Schiff-base as a Cu(II) ion fluorescent sensor in aqueous solution**  
Gunduz Z. Y. , Gunduz C., Ozpinar C., Urucu O.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.136, pp.1679-1683, 2015 (Journal Indexed in SCI)
- XI. **A novel ligand for cloud point extraction to determine gold content in ore samples**  
KÖK YETİMOĞLU E., AYDIN URUCU O., DENİZ S., AYDIN A.  
Environmental Chemistry Letters, 2014 (Journal Indexed in SCI Expanded)
- XII. **Cloud Point Extraction for the Determination of Trace Copper II in Environmental Samples Using New Synthesized Reagent with Flame Atomic Absorption Spectrometry**  
KÖK YETİMOĞLU E., AYDIN URUCU O., YURTMAN GÜNDÜZ Z., FİLİK H.  
Macedonian Journal of Chemistry and Chemical Engineering, 2013 (Journal Indexed in SCI Expanded)
- XIII. **Cloud Point Preconcentration of Gold III and Determination by Flame Atomic Absorption Spectrometry**  
KÖK YETİMOĞLU E., AYDIN URUCU O., YURTMAN GÜNDÜZ Z.  
Indian Journal of Chemical Technology, 2013 (Journal Indexed in SCI Expanded)
- XIV. **Selective Determination of Copper in Water Samples by Atomic Absorption Spectrometry after Cloud Point Extraction**  
Yetimoglu E., Urucu O., Gunduz Z. Y. , Filik H.  
ANALYTICAL LETTERS, vol.43, no.12, pp.1846-1856, 2010 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Determination of Chlorpyrifos Residues in Cherry Samples by Direct Immersion Solid Phase Microextraction Coupled with Gas Chromatography Mass Spectrometry**

Aydın Urucu O., Kök Yetimoğlu E., Devecioğlu D.

International Journal of Advances in Engineering and Pure Sciences, vol.30, no.4, pp.398-402, 2018 (National Refreed University Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **THIOL-ENE PHOTOCURED ADSORBENTS FOR Au(III) ADSORPTION**  
Aracier E. D. , AYDIN URUCU O., ÇAKMAKÇI E.  
International Joint Conference on Environmental and Light Industry Technologies, 21 - 22 November 2019
- II. **AMPS-ACMO BASED HYDROGELS FOR METAL RECOVERY FROM AQUEOUS MEDIA**  
ÇAĞLAYAN T., AYDIN URUCU O., ÇAKMAKÇI E.  
International Joint Conference on Environmental and Light Industry Technologies, 21 - 22 November 2019
- III. **FUNCTIONAL THIOL ENE MEMBRANE FOR METAL UPTAKE**  
KARANLIK B., BİRTANE H., AYDIN URUCU O., KAHRAMAN M. V.  
7th International Joint Conference on Environmental and Light Industry Technologies, Hungary, 21 - 22 November 2019
- IV. **A GREEN SEPARATION/PRECONCENTRATION METHOD FOR DETERMINATION CADMIUM IN ENVIRONMENTAL SAMPLES**  
AYDIN URUCU O., Aracier E. D.  
International Joint Conference on Environmental and Light Industry Technologies, 21 - 22 November 2019
- V. **COLORIMETRIC DETERMINATION OF VANADIUM IN WATER SAMPLES**  
Beyler Çiğil A., Aydın Urucu O., Arman Kandırmaz E.  
International Joint Conference on Environmental and Light Industry Technologies, Budapest, Hungary, 21 - 22 November 2019
- VI. **THIOL-ENE BASED MEMBRANES AND APPLICATIONS IN HEAVY METAL IONS REMOVAL**  
PEKTAŞ B., BİRTANE H., AYDIN URUCU O., KAHRAMAN M. V.  
7th International Joint Conference on Environmental and Light Industry Technologies, Hungary, 21 - 22 November 2019
- VII. **Yeni Nesil Çözücüler Kullanarak Sulu Ortamda Cıva Tayini İçin Yeni Bir Mikroekstraksiyon Yöntemi**  
DENİZ S., AYDIN URUCU O., ARACIER E. D.  
2. Uluslararası Türk Dünyası Mühendislik ve Fen Bilimleri Kongresi, 7 - 10 November 2019
- VIII. **REMOVAL OF PIGMENT FROM PRINTING INDUSTRY WASTE WATER USING ADSORPTION BY GELATIN-VINYL PHOSPHONIC ACID (VPA) BASED HYDROGELS**  
Esra Duygu A., AYDIN URUCU O., ÇAKMAKÇI E.  
3rd International Printing Technologies Symposium, 10 - 12 October 2019
- IX. **CELLULOSE ACETATE BUTYRATE BASED THIOL-ENE/SOL GEL HYBRID CROSSLINKED MATRIX FOR HEAVY METAL IONS REMOVAL**  
BİRTANE H., AYDIN URUCU O., KAHRAMAN M. V.  
8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC) 9-11 May, 2018 Istanbul/Turkey , 9 - 11 May 2018
- X. **Switchable Solvent Based Liquid Phase Microextraction Method for Fe (III) in Environmental Samples Prior to Furnace Atomic Absorption Spectrometric Determination**  
AYDIN URUCU O., Aracier E. D.  
8TH BLACK SEA BASIN CONFERENCE ON ANALYTICAL CHEMISTRY, 9 - 11 May 2018
- XI. **BULUTLANMA NOKTASI EKSTRAKSİYON YÖNTEMİ İLE SU VE GIDA MADDELERİNDE KURŞUN TAYİNİ İÇİN YÖNTEM GELİŞTİRİLMESİ**  
Kuzgun Ö., AYDIN URUCU O., KÖK YETİMOĞLU E.

- XV. Ulusal Spektroskopi Kongresi, Turkey, 17 - 19 May 2017
- XII. **DİSPERSİF SIVI-SIVI MİKROEKSTRAKSİYON YÖNTEMİ İLE AĞIR METAL TAYİNİ**  
Şahin E., Dervişoğlu C., AYDIN URUCU O., KÖK YETİMOĞLU E.  
XV. Ulusal Spektroskopi Kongresi, Turkey, 17 - 19 May 2017
- XIII. **A New Separation Precocentration and Determination Procedure Based on Solidified Floating Organic Drop Microextraction SFODME of Lead by Using Graphite Furnace Atomic Absorption Spectrometry**  
Dönmez Ş., AYDIN URUCU O., KÖK YETİMOĞLU E.  
ICAPE 2016: 18th International Conference on Applications of Polymer Engineering, 12 - 13 May 2016
- XIV. **Efficiency of a Molecularly Imprinted Polymer for Selective Removal of Chlorpyrifos from Water Samples**  
AYDIN URUCU O., BEYLER ÇİÇİL A., BİRTANE H., KÖK YETİMOĞLU E., KAHRAMAN M. V.  
18th International Conference on Hybrid Intelligent Systems, 25 - 26 April 2016
- XV. **Development of a Cloud Point Extraction and Preconcentration Method for Determination of Lead in Water Samples**  
AYDIN URUCU O., YURTMAN GÜNDÜZ Z., DENİZ S., KARAGÖZ B.  
6th Black Sea Conference on Analytical Chemistry, Trabzon, Turkey, 10 - 14 September 2013
- XVI. **Cloud Point Preconcentration of Silver and Determination by Flame Atomic Absorption Spectrometry**  
AYDIN URUCU O., AYDIN A., KÖK YETİMOĞLU E., DENİZ S.  
5th Black Sea Basin Conference On Analytical Chemistry, Ordu, Turkey, 23 - 26 September 2009
- XVII. **Miselli ortamda kobalt iyonunun spektrofotometrik yöntemle tayini**  
KÖK YETİMOĞLU E., PAMUK S., AYDIN URUCU O.  
XVII Ulusal Kimya Kongresi, Turkey, 8 - 11 September 2003

## Citations

Total Citations (WOS):75

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