

Assoc. Prof. ORKUN ALP

Personal Information

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Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), Turkey 2004 - 2008

Post Graduate, Gazi University, Sağlık Bilimleri Enstitüsü, Analitik Kimya Anabilim Dalı, Turkey 2001 - 2004

Under Graduate, Gazi University, Eczacılık Fakültesi, Eczacılık Pr. (4 Yıllık), Turkey 1995 - 2000

Foreign Languages

English, C2 Mastery

Dissertations

Doctorate, Arsenik, antimon ve kalayın tungsten sarmalda tuzaklanarak hidrür oluşturmali atomik absorpsiyon spektrometri yöntemi ile tayini ve girişim çalışmaları, Gazi University, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Dr), 2008

Post Graduate, Çeşitli tekstil ürünlerinden yapay ter çözeltilisine özütlenabilen kurşun ve kadmiyumun kimyasal buhar oluşturmali atomik absorpsiyon spektrometresi ile tayinleri için yöntem geliştirilmesi, Gazi University, Sağlık Bilimleri Enstitüsü, Analitik Kimya Anabilim Dalı, 2004

Research Areas

Basic Pharmaceutics Sciences, Pharmacology and Therapeutics, Analytical Chemistry, Chemistry, Analytical Chemistry, Natural Sciences

Academic Titles / Tasks

Associate Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2014 - Continues

Expert, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2004 - 2014

Professional Experience

Fakülte Yönetim Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2019 - Continues

Fakülte Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2016 - 2019

Advising Theses

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

- I. **A rapid on-line non-chromatographic hydride generation atomic fluorescence spectrometry technique for speciation of inorganic arsenic in drinking water**
ALP O., Tosun G.
FOOD CHEMISTRY, vol.290, pp.10-15, 2019 (Journal Indexed in SCI)
- II. **In-situ trapping arsenic hydride on tungsten coil and comparing interference effect of some hydride forming elements using different types of atomizers**
ALP O., ERTAŞ N.
MICROCHEMICAL JOURNAL, vol.128, pp.108-112, 2016 (Journal Indexed in SCI)
- III. **Pilot Study of Environmental Monitoring of Konya Region near Abandoned Mercury Mine in Turkey**
KARAHALİL B., Ulukaya M., ALP O.
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.88, no.2, pp.150-153, 2012 (Journal Indexed in SCI)
- IV. **Determination of cadmium in high salt content matrices by flow injection cold vapor atomic absorption spectrometry**
ALP O., Demiroz H., Ataman O. Y. , ERTAŞ N.
TURKISH JOURNAL OF CHEMISTRY, vol.36, no.2, pp.247-256, 2012 (Journal Indexed in SCI)
- V. **Determination of Nitrogen Mustard Hydrolysis Products in Rat Urine Samples Using GC-MS**
Kenar L., ALP O.
JOURNAL OF CHROMATOGRAPHIC SCIENCE, vol.49, no.5, pp.361-364, 2011 (Journal Indexed in SCI)
- VI. **Selenium effects on arsenic cytotoxicity and protein phosphorylation in human kidney cells using chip-based nanoLC-MS/MS**
ALP O., Zhang Y., Merino E. J. , Caruso J. A.
METALLOMICS, vol.3, no.5, pp.482-490, 2011 (Journal Indexed in SCI)
- VII. **Arsenic-induced protein phosphorylation changes in HeLa cells**
ALP O., Merino E. J. , Caruso J. A.
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.398, no.5, pp.2099-2107, 2010 (Journal Indexed in SCI)
- VIII. **Determination of tin by in situ trapping of stannane on a resistively heated iridium treated tungsten coil surface and interference studies**
ALP O., ERTAŞ N.
TALANTA, vol.81, pp.516-520, 2010 (Journal Indexed in SCI)
- IX. **COMPARISON OF ORGANIC SOLVENTS USED FOR THE DETERMINATION OF MUSTARD GAS HYDROLYSIS PRODUCTS IN URINE SAMPLES USING GAS CHROMATOGRAPHY-MASS SPECTROMETRY**
Kenar L., ALP O.
ANALYTICAL LETTERS, vol.43, no.3, pp.417-423, 2010 (Journal Indexed in SCI)
- X. **Determination of inorganic and total mercury by flow injection vapor generation atomic absorption spectrometry using a W-coil atomizer**
ALP O., ERTAŞ N.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, vol.24, no.1, pp.93-96, 2009 (Journal Indexed in SCI)
- XI. **In situ trapping of antimony hydride on iridium-coated tungsten coil and interference studies**
ALP O., ERTAŞ N.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, vol.23, no.7, pp.976-980, 2008 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **DNA Repair and Detoxifying Gene Polymorphisms in Patients with Multiple Sclerosis and Dental Amalgam Fillings**
Elkama A., Orhan G., Alp O., Tosun G., Öztekin Z. N. , Karahalil B.
Gazi Medical Journal, no.32, pp.33-39, 2020 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Tek parçacık ICP-MS ile nanoparçacık karakterizasyonu ve miktar tayini**
ERTAŞ N., ENGİN A. B. , ALP O.
Ulusal Spektroskopi Kongresi, Turkey, 7 - 08 November 2019
- II. **Determination of metal levels in urine samples of children with exposure to urban and industrial air pollution**
ALJBORY M., ALP O., ÖZATA H. H. , ÇAKMAK PEHLİVANLI A., YAY O. D. , GAGA E. E. , ALTUĞ H., ÇAKMAK G.
International conference on agriculture, food, veterinary and pharmacy science, Turkey, 16 - 18 April 2019
- III. **SIMULTANEOUS DETERMINATION OF DISSOLVED SILVER AND SILVER NANOPARTICLES IN WATER SAMPLES BY SP-ICP-MS**
ALP O., ALSHANA U., ERTAŞ N.
2nd International Gazi Pharma Symposium Series, Ankara, Turkey, 11 - 13 October 2017, pp.382
- IV. **Tek Parçacık-İndüktif Eşleşmiş Plazma Spektrometri (SP-ICP-MS) ile Tekstil Ürünlerinde GümüşNanoparçacık Tayini**
ALP O., ERTAŞ N.
29. Ulusal Kimya Kongresi, Ankara, Turkey, 10 - 14 September 2017, pp.38
- V. **MULTİPLE SKLEROZ HASTALARINDA AMALGAM DIŞ DOLGULARINDAKİ CİVA ÇİNKO VE BAKIR MARUZİYETİNE GENETİK DUYARLILIĞIN ARAŞTIRILMASI**
ORHAN G., ELKAMA A., ALP O., TOSUN G., ÖZTEKİN N., KARAHALİL B.
52.Ulusal Nöroloji Kongresi, Turkey, 25 November - 01 December 2016
- VI. **NON CHROMATOGRAPHIC INORGANIC ARSENIC SPECIATION ANALYSIS IN WATER SAMPLES BY HYDRIDE GENERATION ATOMIC FLUORESCENCE SPECTROMETRY**
TOSUN G., ALP O.
International Gazi Pharma Symposium Series, 12 - 15 November 2015

Supported Projects

Alp O., Ertas N., Engin A. B. , TUBITAK Project, Gümüş nanoparçacığına (AgNP) maruz bırakılmış makrofaj hücrelerinde eş zamanlı AgNP ve iyonik gümüş türlerinin tek parçacık-ICP-MS (SP-ICP-MS) ve tek hücre-ICP-MS (SC-ICP-MS) ile tayini, 2018 - 2021

ALP O., Project Supported by Higher Education Institutions, Tasarlanmış gümüş nanoparçacıkların Tek Parçacık ICP-MS ile tayini için yöntem geliştirilmesi, 2017 - 2019

ÇAKMAK G., ALP O., ULUDAĞ M. O. , ÖNKOL T., TAKKA S., AKKOL E., HACIŞEVKİ A., Project Supported by Higher Education Institutions, ECZACILIK FAKÜLTESİ LABORATUVARLARININ MODERNİZASYONU, 2015 - 2017

ALP O., Project Supported by Higher Education Institutions, Ayırma yöntemi kullanmadan inorganik arsenik türlerinin hidrür oluşturmali atomik floresans spektrometri yöntemiyle tayini, 2015 - 2016

Citations

Total Citations (WOS):96

h-index (WOS):6