

Prof. ŞERİFE TOKALIOĞLU

Personal Information

Place of birth: Kayseri

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Education Information

Doctorate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Analitik Kimya, Turkey 1993 - 1997

Post Graduate, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Analitik Kimya, Turkey 1991 - 1993

Under Graduate, Erciyes Üniversitesi, Fen Edebiyat Fakültesi, Kimya, Turkey 1987 - 1991

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Sultansazlığı Su ve Sediment Örneklerinde Metal Türlemesi ve Faktör Analizi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Kimya /Analitik Kimya, 1997

Post Graduate, Amberlit XAD-1180 Reçinesi ile Bazı Eser Elementlerin Zenginleştirilmesi ve AAS ile Tayini, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Kimya / Analitik Kimya, 1993

Research Areas

Environmental Engineering, Environmental Sciences, Environmental Chemistry, Chemistry, Analytical Chemistry, Atomic and Molecular Spectroscopy, Emission Spectroscopy, Chemometry, Chromatographic Analysis, Spectroscopical Methods, Physical Chemistry, nanocomposites, Natural Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Erciyes Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2007 - Continues

Associate Professor, Erciyes Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 2002 - 2007

Assistant Professor, Erciyes Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 1998 - 2002

Research Assistant, Erciyes Üniversitesi, Fen Edebiyat Fakültesi, Kimya, 1992 - 1998

Professional Experience

Head of Department, Erciyes Üniversitesi, Fen Fakültesi Kimya Bölümü, Kimya Bölümü, 2016 - Continues

Member of ADEK Commission, Erciyes Üniversitesi, 2016 - 2019

Fakülte Yönetim Kurulu Üyesi, Erciyes Üniversitesi, Teknoloji Araştırma Ve Uygulama Merkezi, 2011 - 2015

Fakülte Yönetim Kurulu Üyesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, 2007 - 2010

BAP Scientific Commissioner, Erciyes Üniversitesi, Bilimsel Araştırma Projeleri Birimi, 2006 - 2009

Courses

Genel Kimya Laboratuvarı II, Under Graduate, 2019 - 2020
Analytical Chemistry, Under Graduate, 2019 - 2020
Eser Element Analiz Yöntemleri, Post Graduate, 2019 - 2020
Bitirme Tezi, Under Graduate, 2019 - 2020
Genel Kimya Laboratuvarı I, Under Graduate, 2019 - 2020
Zenginleştirme Yöntemleri, Post Graduate, 2019 - 2020
Analitik Kimya Laboratuvarı II, Under Graduate, 2016 - 2017
Analitik Kimya Laboratuvarı I, Under Graduate, 2016 - 2017
Analitik Kimya II, Under Graduate, 2014 - 2015
Chromatographic Methods, Under Graduate, 2015 - 2016
Genel Kimya, Under Graduate, 2014 - 2015
General Chemistry and Molecular Science, Under Graduate, 2014 - 2015
Analitik Kimya I, Under Graduate, 2014 - 2015
Eser Analizde Instrümental Yöntemler, Under Graduate, 2013 - 2014
Ionic Equilibriums, Post Graduate, 2013 - 2014
Spectral Analysis Method, Under Graduate, 2013 - 2014
Atomik Spektroskopi, Post Graduate, 2012 - 2013
General Chemistry, Under Graduate, 2012 - 2013
Enstrümental Analiz Metotları, Under Graduate, 2011 - 2012
Eser Element Analizi, Under Graduate, 2011 - 2012
Ayrırma Yöntemleri, Post Graduate, 2010 - 2011
Toprak ve Bitki Kimyası, Post Graduate, 2009 - 2010
Genel Kimya I, Under Graduate, 2006 - 2007
Genel Kimya II, Under Graduate, 2006 - 2007

Advising Theses

Tokaloğlu Ş., AKTİF KARBON@FexMnyOz KOMPOZİTİ İLE ESER METAL İYONLARININ KATI FAZ EKTRAKSİYONU, Post Graduate, V.Berkdemir(Student), 2019
Tokaloğlu Ş., Polimer kompozit adsorbani ile Cu(II) iyonlarının katı faz ekstraksiyonu, Post Graduate, H.YILDIZ(Student), 2019
TOKALIOĞLU Ş., NANO METAL OKSİT VE GRAFEN BAZLI KOMPOZİTLERİN SENTEZİ, KARAKTERİZASYONU VE ESER ELEMENTLERİN KATI FAZ EKTRAKSİYONU İLE ZENGİNLEŞTİRİLMESİNDE KULLANILMASI, Doctorate, E.Yavuz(Student), 2017
TOKALIOĞLU Ş., BCR Ardışık Ekstraksiyon Yöntemi Kullanarak Kayseri Organize Sanayi Bölgesi Cadde Tozlarının Farklı Tanecik Boyutlarında Ağır Metal Türlemesi, Post Graduate, G.Yıldırım(Student), 2015
TOKALIOĞLU Ş., Bazı Eser Metal İyonlarının Katı Faz Ekstraksiyonu İle Ayrılması/Zenginleştirilmesi Ve AAS İle Tayini, Post Graduate, S.Şener(Student), 2013
TOKALIOĞLU Ş., Şelat Yapıcı Polimer Ve Katı Faz Ekstraksiyonu İle Bazı Ağır Metal İyonlarının Zenginleştirilmesi, Post Graduate, Ş.Turan(Student), 2013
TOKALIOĞLU Ş., Birlikte Çöktürme Yöntemi İle Bazı Eser Metallerin Zenginleştirilmesi,, Post Graduate, B.Başbuğ(Student), 2010
TOKALIOĞLU Ş., Katı Faz Ekstraksiyonu İle Fe(III) Zenginleştirilmesi ve FAAS İle Tayini, Post Graduate, H.Ergün(Student), 2009
TOKALIOĞLU Ş., Birlikte Çöktürme Yöntemi ile Su ve Gıda Örneklerindeki Bazı Eser Metallerin Zenginleştirilmesi ve FAAS ile Tayini, Post Graduate, H.Ayhanöz(Student), 2009
TOKALIOĞLU Ş., Şelat Yapıcı Polimer Kullanarak Katı Faz Ekstraksiyonu ile Krom Türlemesi ve FAAS ile Tayini, Post Graduate, S.Arsav(Student), 2009
TOKALIOĞLU Ş., Cu(II) ve Ni(II) Salisilaldoksim İle Birlikte Çöktürme Sonrası FAAS ile Su Örneklerindeki Bazı Eser Metallerin Tayini, Post Graduate, S.Yıldız(Student), 2007
TOKALIOĞLU Ş., N-Benzoil-N-fenilhidroksilamin Kullanarak Katı Faz Ekstraksiyonu ile Cu(II) ve Fe(III) İyonlarının FAAS ile

Tayini, Post Graduate, A.Livkebabcı(Student), 2007

TOKALIOĞLU Ş., Amberlite XAD-1180/Salisilaldoksim Şelat Yapıcı Reçinesinin Sentezi ve Bazı Eser Metal İyonlarının Zenginleştirilerek FAAS ile Tayini, Post Graduate, E.Kara(Student), 2006

TOKALIOĞLU Ş., Amberlite XAD-1180/Tiyosalisilik asit Şelat Yapıcı Reçine ile Katı Faz Ekstraksiyonu Sonrası Bazı Eser Metallerin FAAS ile Tayini, Post Graduate, V.Çetin(Student), 2006

TOKALIOĞLU Ş., Ardişık Ekstraksiyon Yöntemi Kullanarak Tarım Topraklarındaki Ağır Metallerin Sebze Örnekleri Tarafından Alınabilirliğinin İncelenmesi, Post Graduate, A.Gültekin(Student), 2004

TOKALIOĞLU Ş., Amberlite XAD-1180-PAN Şelat Yapıcı Reçine Kullanarak Eser Elementlerin Zenginleştirilmesi ve AAS ile Tayini, Post Graduate, H.Büyükbaş(Student), 2004

TOKALIOĞLU Ş., Silikajel-dimetilglioksim Katı Faz Ekstraksiyonu ile Çeşitli Örneklerdeki Palladyumun Atomik Absorpsiyon Spektrometrik Yöntemle Tayini, Post Graduate, T.Oymak(Student), 2003

Jury Memberships

Doctorate, Doktora Tez Savunma Jürisi, ERÜ Fen Fakültesi, February, 2014

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, ERÜ Fen Fakültesi, May, 2013

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul , September, 2012

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, September, 2011

Post Graduate, YL Tez Savunma Jürisi, ERÜ Fen Fakültesi, July, 2010

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, September, 2009

Associate Professor Exam, Doçentlik Sınav Jürisi, Üniversitelerarası Kurul, September, 2008

Doctorate, Doktora Tez Savunma Jürisi, ERÜ Fen Fakültesi, August, 2008

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

- **Determination of color additive tartrazine (E 102) in food samples after dispersive solid phase extraction with a zirconium-based metal-organic framework (UiO-66(Zr)-(COOH)(2))**
OYMAK T., TOKALIOĞLU Ş., Cam S., Demir S.
FOOD ADDITIVES AND CONTAMINANTS PART A-CHEMISTRY ANALYSIS CONTROL EXPOSURE & RISK ASSESSMENT, vol.37, pp.731-741, 2020 (Journal Indexed in SCI)
- **Stability of Arsenic Species During Bioaccessibility Assessment Using the In Vitro UBM and HPLC-ICP-MS Detection**
TOKALIOĞLU Ş., Clough R., Foulkes M., Worsfold P.
BIOLOGICAL TRACE ELEMENT RESEARCH, 2020 (Journal Indexed in SCI)
- **Dispersive solid phase extraction of copper and lead from water and lichen samples with an activated carbon@Fe/Mn/O composite derived from sucrose-based activated carbon**
Berkdemir V., Tokaloğlu Ş., Yıldız S., Patat Ş.
ANALYTICAL METHODS, vol.11, pp.5311-5319, 2019 (Journal Indexed in SCI)
- **ICP-MS multi-element analysis for determining the origin by multivariate analysis of red pepper flakes from three different regions of Turkey**
TOKALIOĞLU Ş., DOKAN F. K. , KÖPRÜ S.
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.103, pp.301-307, 2019 (Journal Indexed in SCI)
- **Dispersive solid-phase extraction with tannic acid functionalized graphene adsorbent for the preconcentration of trace beryllium from water and street dust samples**
Yavuz E., Tokaloğlu Ş., Patat Ş.
TALANTA, vol.190, pp.397-402, 2018 (Journal Indexed in SCI)
- **Magnetic dispersive solid phase extraction with graphene/ZnFe₂O₄ nanocomposite adsorbent for the sensitive determination of mercury in water and fish samples by cold vapor atomic absorption spectrometry**
Yavuz E., Tokaloğlu Ş., Patat Ş.
MICROCHEMICAL JOURNAL, vol.142, pp.85-93, 2018 (Journal Indexed in SCI)
- **Core-shell Fe₃O₄ polydopamine nanoparticles as sorbent for magnetic dispersive solid-phase extraction**

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Yavuz E., Tokaloğlu Ş., Patat Ş.

FOOD CHEMISTRY, vol.263, pp.232-239, 2018 (Journal Indexed in SCI)

- **Multivariate Statistical Analysis of Data and ICP-MS Determination of Heavy Metals in Different Brands of Spices Consumed in Kayseri, Turkey**
Tokaloğlu Ş., Çiçek B., İnanç N., Zararsız G., Öztürk A.
FOOD ANALYTICAL METHODS, vol.11, pp.2407-2418, 2018 (Journal Indexed in SCI)
- **Zirconium-based highly porous metal-organic framework (MOF-545) as an efficient adsorbent for vortex assisted-solid phase extraction of lead from cereal, beverage and water samples**
Tokaloğlu Ş., Yavuz E., Demir S., Patat Ş.
FOOD CHEMISTRY, vol.237, pp.707-715, 2017 (Journal Indexed in SCI)
- **Dispersive Solid-Phase Extraction of Rhodium from Water, Street Dust, and Catalytic Converters Using a Cellulose-Graphite Oxide Composite**
Yavuz E., TOKALIOĞLU Ş., Şahan H., Kaçer M., PATAT Ş.
ANALYTICAL LETTERS, vol.50, pp.63-79, 2017 (Journal Indexed in SCI)
- **Vortexing/shaking-free solid phase extraction of lead(II) by using an urchin-like NiCo₂O₄ hollow microsphere adsorbent**
Yavuz E., Tokaloğlu Ş., Şahan H., Berberoğlu A., Patat Ş.
MICROCHIMICA ACTA, vol.184, pp.1191-1198, 2017 (Journal Indexed in SCI)
- **Separation/preconcentration of trace Pb(II) and Cd(II) with 2-mercaptobenzothiazole impregnated Amberlite XAD-1180 resin and their determination by flame atomic absorption spectrometry**
Tokaloğlu Ş., Papak A., Kartal Ş.
ARABIAN JOURNAL OF CHEMISTRY, vol.10, pp.19-23, 2017 (Journal Indexed in SCI)
- **Novel Chelating Resin for Solid-Phase Extraction of Metals in Certified Reference Materials and Waters**
Yavuz E., Tokaloğlu Ş., Erkiş H., Soykan C.
ANALYTICAL LETTERS, vol.50, pp.364-378, 2017 (Journal Indexed in SCI)
- **Ionic liquid coated carbon nanospheres as a new adsorbent for fast solid phase extraction of trace copper and lead from sea water, wastewater, street dust and spice samples**
Tokaloğlu Ş., Yavuz E., Sahan H., Colak S. G. , Ocakoglu K., Kaçer M., Patat Ş.
TALANTA, vol.159, pp.222-230, 2016 (Journal Indexed in SCI)
- **Nanosized spongelike Mn₃O₄ as an adsorbent for preconcentration by vortex assisted solid phase extraction of copper and lead in various food and herb samples**
Yavuz E., Tokaloğlu Ş., Sahan H., Patat Ş.
FOOD CHEMISTRY, vol.194, pp.463-469, 2016 (Journal Indexed in SCI)
- **Heavy metal speciation in various grain sizes of industrially contaminated street dust using multivariate statistical analysis**
Yıldırım G., TOKALIOĞLU Ş.
ECOTOXICOLOGY AND ENVIRONMENTAL SAFETY, vol.124, pp.369-376, 2016 (Journal Indexed in SCI)
- **Graphite Oxide Solid-Phase Extraction of Copper(II) and Lead(II) from Water, Food, Tobacco, and Hair**
Yavuz E., Tokaloğlu Ş., Sahan H., Yılmaz B., Patat Ş.
ANALYTICAL LETTERS, vol.49, pp.2193-2206, 2016 (Journal Indexed in SCI)
- **Spectrophotometric determination of basic fuchsin from various water samples after vortex assisted solid phase extraction using reduced graphene oxide as an adsorbent**
Tokaloğlu S., Yavuz E., Aslantas A., Sahan H., Taskin F., Patat Ş.
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.149, pp.378-384, 2015 (Journal Indexed in SCI)
- **Uncertainty contributions to the measurement of dissolved Co, Fe, Pb and V in seawater using flow injection with solid phase preconcentration and detection by collision/reaction cell-quadrupole ICP-MS**
Clough R., Sela H., Milne A., Lohan M. C. , Tokalioglu S., Worsfold P. J.
TALANTA, vol.133, pp.162-169, 2015 (Journal Indexed in SCI)
- **Trace metals in tissues of the six most common fish species in the Black Sea, Turkey**
Aydın D., Tokaloğlu Ş.
Food Additives & Contaminants Part B-Surveillance, vol.8, pp.25-31, 2015 (Journal Indexed in SCI)

- **Nano sponge Mn₂O₃ as a new adsorbent for the preconcentration of Pd(II) and Rh(III) ions in sea water, wastewater, rock, street sediment and catalytic converter samples prior to FAAS determinations**
Yavuz E., TOKALIOĞLU Ş., Sahan H., PATAT Ş.
TALANTA, vol.128, pp.31-37, 2014 (Journal Indexed in SCI)
- **Bioaccessibility of Cr, Cu, Fe, Mg, Mn, Mo, Se and Zn from nutritional supplements by the unified BARGE method**
Tokaloğlu Ş., Clough R., Foulkes M., Worsfold P.
FOOD CHEMISTRY, vol.150, pp.321-327, 2014 (Journal Indexed in SCI)
- **Preconcentration/Separation of Some Trace Metal Ions From Water Samples by a New Synthesized Chelating Resin**
Şener S., Tokaloğlu Ş., Özentürk I., Soykan C.
JOURNAL OF AOAC INTERNATIONAL, vol.97, pp.598-604, 2014 (Journal Indexed in SCI)
- **Preconcentration of Ag and Pd ions using graphite oxide and 2,6-diaminopyridyne from water, anode slime and catalytic converter samples**
Yıldırım G., Tokaloğlu Ş., Sahan H., Patat Ş.
RSC ADVANCES, vol.4, pp.18108-18116, 2014 (Journal Indexed in SCI)
- **Ultralayered Co₃O₄ as a new adsorbent for preconcentration of Pb(II) from water, food, sediment and tobacco samples**
Yavuz E., Tokaloğlu Ş., Sahan H., Patat Ş.
TALANTA, vol.115, pp.724-729, 2013 (Journal Indexed in SCI)
- **Speciation and Preconcentration of Chromium from Water and Food Samples by Synthesized Chelating Resin**
Çimen G., TOKALIOĞLU Ş., Özentürk İ., Soykan C.
JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, vol.24, pp.856-866, 2013 (Journal Indexed in SCI)
- **FAAS Determination of Ag(I) in Water, Anode Slime, Rock and Cream Samples by Solid Phase Extraction Method based on Sepabeads SP207/5-(p-Dimethylaminobenzylidene) Rhodanine Combination**
Yavuz E., Tokaloğlu Ş., ŞAHAN S.
JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, vol.24, pp.736-744, 2013 (Journal Indexed in SCI)
- **Synthesis/characterization of a new chelating resin and on-line solid phase extraction for the determination of Ag(I) and Pd(II) from water, cream, anode slime and converter samples by flow injection flame atomic absorption spectrometry**
Çetin T., Tokaloğlu Ş., Ülgen A., Şahan S., Özentürk I., Soykan C.
TALANTA, vol.105, pp.340-346, 2013 (Journal Indexed in SCI)
- **On-line preconcentration/determination of zinc from water, biological and food samples using synthesized chelating resin and flame atomic absorption spectrometry**
YILMAZ S., TOKALIOĞLU Ş., ŞAHAN S., ÜLGEN A., Sahan A., Soykan C.
JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.27, pp.85-90, 2013 (Journal Indexed in SCI)
- **Coprecipitative Preconcentration of Cr(III), Pb(II), Zn(II), Cd(II) and Mn(II) Ions with Al(III) and Fe(III) Carriers and Chromotrope 2B Reagent and their FAAS Determination in Various Water and Food Samples**
Basbug B., TOKALIOĞLU Ş.
JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, vol.24, pp.106-114, 2013 (Journal Indexed in SCI)
- **A graphene/Co₃O₄ nanocomposite as a new adsorbent for solid phase extraction of Pb(II), Cu(II) and Fe(III) ions in various samples**
Yavuz E., TOKALIOĞLU Ş., Sahan H., PATAT Ş.
RSC ADVANCES, vol.3, pp.24650-24657, 2013 (Journal Indexed in SCI)
- **Determination of trace elements in commonly consumed medicinal herbs by ICP-MS and multivariate analysis**
TOKALIOĞLU Ş.
FOOD CHEMISTRY, vol.134, pp.2504-2508, 2012 (Journal Indexed in SCI)
- **Synthesis, characterization and application of a chelating resin for solid phase extraction of some trace metal ions from water, sediment and tea samples**
Turan Ş., Tokaloğlu Ş., Şahan A., Soykan C.
REACTIVE & FUNCTIONAL POLYMERS, vol.72, pp.722-728, 2012 (Journal Indexed in SCI)

- Use of Cu(II) and Fe(III) N-benzoyl-N-phenylhydroxylamine coprecipitants for preconcentration of some trace metal ions in food samples**
 Tokahoglu Ş., Ayhanöz H.
 FOOD CHEMISTRY, vol.127, pp.359-363, 2011 (Journal Indexed in SCI)
- On-line Solid Phase Extraction of Copper in Water Samples with Flow Injection Flame Atomic Absorption Spectrometry**
 Çetin T., Ülgen A., Tokaloğlu Ş.
 CLEAN-SOIL AIR WATER, vol.39, pp.244-249, 2011 (Journal Indexed in SCI)
- Coprecipitation with Cu(II)-4-(2-Pyridylazo)-resorcinol for Separation and Preconcentration of Fe(III) and Ni(II) in Water and Food Samples**
 TOKALIOĞLU Ş., Daşdelen O.
 CLEAN-SOIL AIR WATER, vol.39, pp.296-300, 2011 (Journal Indexed in SCI)
- Use of Cu(II) and Fe(III) N-Benzoyl-N-Phenylhydroxylamine Coprecipitants for Preconcentration of Some Trace Metal Ions in Water and Food Samples**
 Tokaloğlu Ş., Ayhanöz H.
 Food Chemistry, vol.127, pp.359-363, 2011 (Journal Indexed in SCI)
- Spectrophotometric determination of selenium(IV) with 4-methyl-o-phenylenediamine based on piarselenol formation**
 KARTAL Ş., Oymak T., TOKALIOĞLU Ş.
 JOURNAL OF ANALYTICAL CHEMISTRY, vol.65, pp.1221-1227, 2010 (Journal Indexed in SCI)
- Selective determination of copper and iron in various food samples by the solid phase extraction**
 TOKALIOĞLU Ş., Gürbüz F.
 FOOD CHEMISTRY, vol.123, pp.183-187, 2010 (Journal Indexed in SCI)
- 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, pp.713-718, 2010 (Journal Indexed in SCI)
- Preconcentration and Determination of Fe(III) from Water and Food Samples by Newly Synthesized Chelating Reagent Impregnated Amber lite XAD-16 Resin**
 Tokaloğlu Ş., Ergün H., Çukurovalı A.
 BULLETIN OF THE KOREAN CHEMICAL SOCIETY, vol.31, pp.1976-1980, 2010 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- Indirect speciation of Cr(III) and Cr(VI) in water samples by selective separation and preconcentration on a newly synthesized chelating resin**
 Tokaloğlu Ş., Arsav S., Delibaş A., Soykan C.
 ANALYTICA CHIMICA ACTA, vol.645, pp.36-41, 2009 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- Atomic absorption spectrometric determination of Cd(II), Mn(II), Ni(II), Pb(II) and Zn(II) ions in water, fertilizer and tea samples after preconcentration on Amberlite XAD-1180 resin loaded with 1-(2-pyridylazo)-2-naphthol**
 Hazer O., KARTAL Ş., TOKALIOĞLU Ş.
 JOURNAL OF ANALYTICAL CHEMISTRY, vol.64, pp.609-614, 2009 (Journal Indexed in SCI)
- 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 (Journal Indexed in SCI)
- 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, pp.1314-1317, 2009 (Journal Indexed in SCI)

- **A comparative study on the preconcentration of some metal ions in water samples with Cu(II) and Ni(II) salicylaldoxime coprecipitants**
Tokahoglu S., Yıldız S.
MICROCHIMICA ACTA, vol.165, pp.129-133, 2009 (Journal Indexed in SCI)
- **A new solid-phase extraction method for the determination of Cu(II) and Fe(III) in various samples by flame atomic absorption spectrometry using N-benzoyl-N-phenylhydroxylamine**
Tokahoglu S., Livkebabci A.
MICROCHIMICA ACTA, vol.164, pp.471-477, 2009 (Journal Indexed in SCI)
- **Synthesis and application of a new chelating resin functionalized with salicylaldoxime for the determination of Pb(II), Ni(II), Cu(II) and Mn(II) ions in water samples by flame atomic absorption spectrometry**
TOKALIOĞLU Ş., KARTAL Ş.
MICROCHIMICA ACTA, vol.162, pp.87-92, 2008 (Journal Indexed in SCI)
- **Amberlite XAD-1180 Modified with Thiosalicylic acid: A new Chelating Resin for the Separation and Preconcentration of Trace Metal Ions**
Tokaloğlu Ş., Çetin V., Kartal Ş.
Chemia Analityczna, vol.53, pp.263-276, 2008 (Journal Indexed in SCI Expanded)
- **Amberlite XAD-1180 modified with thiosalicylic acid: A new chelating resin for separation and preconcentration of trace metal ions**
Tokahoglu Ş., Cetin V., KARTAL Ş.
CHEMIA ANALITYCZNA, vol.53, pp.263-276, 2008 (Journal Indexed in SCI)
- **Coprecipitation of lead and cadmium using copper(II) mercaptobenzothiazole prior to flame atomic absorption spectrometric determination**
Tokalioglu S., Oymak T., Kartal S.
MICROCHIMICA ACTA, vol.159, pp.133-139, 2007 (Journal Indexed in SCI)
- **Pubertal arrest due to Zn deficiency: the effect of zinc supplementation**
ÖZDAMAR KARACA Z. C., TANRIVERDİ F., KURTOĞLU S., TOKALIOĞLU Ş., ÜNLÜHİZARCI K., KELEŞTEMUR H. F.
Hormones, vol.6, pp.71-74, 2007 (Journal Indexed in SCI Expanded)
- **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., Yılmaz V.
SEPARATION SCIENCE AND TECHNOLOGY, vol.42, pp.3199-3215, 2007 (Journal Indexed in SCI)
- **Preconcentration of iron(III), Lead(II), Cobalt(II) and chromium(III) on amberlite XAD-1180 resin loaded with 4-(2-pyridylazo)-resorcinol (PAR) and their determination by FAAS**
Tokaloglu S., Kartal S.
BULLETIN OF THE KOREAN CHEMICAL SOCIETY, vol.27, pp.1293-1296, 2006 (Journal Indexed in SCI)
- **Speciation of Cr(III)/Cr(VI) in tannery waste waters by using ion-exchange resins**
Kartal S., Tokalioglu S., Özkan B.
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1st International Congress on Analytical and Bioanalytical Chemistry , Session Moderator, Antalya, Turkey, 2019
8th Black Sea Basin Conference on Analytical Chemistry, Session Moderator, İstanbul, Turkey, 2018
10. Eagean Analytical Chemistry Days, Session Moderator, Çanakkale, Turkey, 2016
XIV. Ulusal Spektroskopi Kongresi, Session Moderator, Elazığ, Turkey, 2015
XIV. Ulusal Spektroskopi Kongresi, Invited Speaker, Elazığ, Turkey, 2015
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TÜBİTAK 1001 Projesi Hazırlama Eğitimi, Attendee, Elazığ, Turkey, 2014
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