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Supervised Theses

- YÜCEL H., ATAMAN O. Y., Determination of mercury in hydrogen gas by cold vapour atomic absorption spectrometry, Doctorate, E.Şen(Student), Continues
- ATAMAN O. Y., Interference effects of hydride forming elements on bismuth determination using tungsten coil system as electrothermal vaporizer and electrothermal atomizer in atomic spectrometry /, Doctorate, P.MERCAN(Student), 2017
- ATAMAN O. Y., Simultaneous determination of bismuth and tellurium using tungsten coil atom trap with inductively coupled plasma mass spectrometry /, Doctorate, S.BORA(Student), 2016
- ATAMAN O. Y., Multielement speciation using HPLC-ICMPS, Doctorate, E.YILDIRIM(Student), 2015
- ATAMAN O. Y., Multielement speciation using HPLC-ICMPS /, Doctorate, E.Yıldırım(Student), 2015
- ATAMAN O. Y., Hydride generation and preconcentration of bismuth on a single-drop followed by determination using electrothermal atomic absorption spectrometry, Postgraduate, B.DÜGENCİLİ(Student), 2015
- ATAMAN O. Y., Determination of indium by vapor generation atomic absorption spectrometry, Postgraduate, E.ÖZDEMİR(Student), 2014
- ATAMAN O. Y., Determination of indium by vapour generation atomic absorption spectrometry, Postgraduate, E.Özdemir(Student), 2014
- ATAMAN O. Y., Atom trapping vapor generation atomic absorption spectrometry for inorganic arsenic speciation analysis /, Doctorate, N.NJIE(Student), 2014
- ATAMAN O. Y., Ataman O., Authenticity of Roman imperial age silver coins using non-destructive archaeometric techniques, Doctorate, M.Aydın(Student), 2013
- ATAMAN O. Y., Characterization of Emecik limestone figurines for provenance, Doctorate, Ü.MUŞKARA(Student), 2013
- ATAMAN O. Y., Authenticity of roman imperial age silver coins using non-destructive archaeometric techniques, Doctorate, M.AYDIN(Student), 2013
- ATAMAN O. Y., Determination of boron in water samples by electrothermal atomic absorption spectrometry, Postgraduate, N.ENGİN(Student), 2012
- ATAMAN O. Y., Determination of water samples by electrothermal atomic absorption spectrometry, Postgraduate, N.Engin(Student), 2012
- ATAMAN O. Y., Development of novel analytical methods for selenium, gold, silver and indium determination using volatile compound generation, atom trapping and atomic absorption spectrometry, Doctorate, Y.ARSLAN(Student), 2011
- ATAMAN O. Y., Tellurium determination by flame atomic absorption spectrometry using a slotted quartz tube atom trap and metal coatings, Postgraduate, M.OSMANBAŞOĞLU(Student), 2011
- ATAMAN O. Y., Determination of thallium by volatile compound generation atomic absorption spectrometry, Postgraduate, S.ATAMAN(Student), 2011
- ATAMAN O. Y., Determination of silver by slotted quartz tube atom trap flame atomic absorption spectrometry using metal coatings, Postgraduate, G.KARAMAN(Student), 2011
- ATAMAN O. Y., Arsenic speciation in fish by HPLC-ICP-MS, Postgraduate, Ş.EROĞLU(Student), 2010
- ATAMAN O. Y., Determination of cadmium using slotted quartz tube atom trap atomic absorption spectrometry and metal coatings, Postgraduate, G.PELİN(Student), 2010
- ATAMAN O. Y., Boron determination in body fluids by inductively coupled plasma optical emission spectrometry and inductively coupled plasma mass spectrometry, Postgraduate, S.BORA(Student), 2010

ATAMAN O. Y., Determination of arsenic, selenium and cadmium in some Turkish spices by inductively coupled plasma mass spectrometry, Postgraduate, F.ŞENOL(Student), 2010

ATAMAN O. Y., Inorganic antimony speciation using tungsten coil atom trap and hydride generation atomic absorption spectrometry, Postgraduate, P.AKAY(Student), 2010

VOLKAN M., ATAMAN O. Y., Speciation studies using HPLC-ICP-MS and HPLC-ES-MS, Doctorate, S.BAKIRDERE(Student), 2009

ATAMAN O. Y., Tellurium speciation using hydride generation atomic absorption spectrometry and in-situ graphite cuvette trapping, Postgraduate, E.YILDIRIM(Student), 2009

ATAMAN O. Y., Development of sensitive analytical methods for thallium determination by atomic absorption spectrometry, Postgraduate, B.ARI(Student), 2009

ATAMAN O. Y., Lead determination by flame atomic absorption spectrometry using a slotted quartz tube atom trap and metal coatings, Postgraduate, İ.DEMİRTAŞ(Student), 2009

ATAMAN O. Y., Electrochemical hydride generation and tungsten trap atomic absorption spectrometry for determination of antimony, Postgraduate, A.Yıldırım(Student), 2008

ATAMAN O. Y., Electrochemical hydride generation and tungsten trap atomic absorption spectrometry for determination of antimony, Postgraduate, A.YILDIRAN(Student), 2008

ATAMAN O. Y., Provenance studies on limestone archaeological artifacts using trace element analysis, Postgraduate, Ü.Muşkara(Student), 2007

ATAMAN O. Y., Determination of narcotic and psychotropic substances by using infrared spectroscopy, Postgraduate, Ö.Baran(Student), 2005

ATAMAN O. Y., Preconcentration of volatile elements on quartz surface prior to determination by atomic spectrometry, Doctorate, D.Korkmaz(Student), 2004

ATAMAN O. Y., Electrochemical Hydride Generation and Atom Trapping Atomic Absorption Spectrometry for Determination of Antimony, Postgraduate, İ.Menemenlioğlu(Student), 2004

ATAMAN O. Y., Determination of silver by chemical vapour generation and atomic absorption spectrometry, Postgraduate, Ç.Pınar(Student), 2004

ATAMAN O. Y., Determination of Zinc in human serum and plasma with discrete nebulization AAS and computer interface, Postgraduate, D.YURTSEVER(Student), 2004

ATAMAN O. Y., On-line preconcentration of vapor forming elements on resistively heated w-coil prior to their determination by atomic absorption spectrometry, Doctorate, O.Cankur(Student), 2004

ATAMAN O. Y., Use of solid phase extraction for preconcentration of rare elements : provenance studies in Çatalhöyük obsidians, Postgraduate, S.Öztürk(Student), 2003

ATAMAN O. Y., Studies on analyte transport by ETV and investigations on volatile gold species using in situ trapping in a graphite tube and determination by ETAAS, Doctorate, G.Ertaş(Student), 2003

ATAMAN O. Y., Oxidation state related evaluation of tellurium determination by flame AAS and use of slotted silica trap, Postgraduate, H.BEKİR(Student), 2002

ATAMAN O. Y., Provenance studies in obsidian samples from Çatalhöyük excavations, Postgraduate, A.İBRAHİM(Student), 2002

ATAMAN O. Y., Studies on Anatolian Medieval glazed ceramics using atomic spectrometry, Postgraduate, S.ZÜHTÜ(Student), 2002

ATAMAN O. Y., Determination of cadmium, lead and antimony in textile leach solutions using atom-trap-AAS following solid phase micro extraction, Postgraduate, D.ÖZMEN(Student), 2002

ATAMAN O. Y., Determination of lithium in human blood serum by discrete nebulization flame atomic emission spectrometry, Postgraduate, E.AYŞE(Student), 2001

ATAMAN O. Y., Determination of Cd by cold vapor generation atom trapping atomic absorption spectrometry, Postgraduate, İ.OSAMA(Student), 2000

ATAMAN O. Y., Mechanistic studies for the determination of selenium by graphite furnace atomic absorption spectrometry, Doctorate, F.Şahin(Student), 1998

ATAMAN O. Y., Mechanistic studies for the determination of selenium by graphite furnace atomic absorption spectrometry, Postgraduate, F.ŞAHİN(Student), 1998

ATAMAN O. Y., Atom trapping atomic absorption spectrometry using slotted quartz tube, Postgraduate,

D.KARADENİZ(Student), 1998
 ATAMAN O. Y., Preconcentration of tellurium by mercapto resin micro column and determination by hgaas, Postgraduate, A.KÖREZ(Student), 1998
 ATAMAN O. Y., Determination of Bi and Sb BY atom trapping atomic absorbtion spectrometry using slotted quartz tube, Postgraduate, M.MAHMUT(Student), 1998
 ATAMAN O. Y., Applicability of the standard additions method, Postgraduate, M.BARGHOUTHİ(Student), 1997
 ATAMAN O. Y., Simultaneous and remote determination of Zn and Cd using fluorescence spectrometry, Doctorate, N.ERTAŞ(Student), 1997
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 ATAMAN O. Y., Determination of hydrogen sülfide by room temperature luminescence, Doctorate, A.E.(Student), 1996
 ATAMAN O. Y., Determination ogf hydrogen sulfide by room temperature luminescence., Doctorate, A.E(Student), 1996
 ATAMAN O. Y., Atom trapping atomic absorption spectrometry using organic solvent atomization, Postgraduate, S.KUMSER(Student), 1996
 ATAMAN O. Y., Interference studies in germanium determination by electrothermal atomic absorption spectrometry, Doctorate, M.Ali(Student), 1994
 ATAMAN O. Y., Determination of sulfur dioxide by luminescence fiber optic spectrometry, Postgraduate, A.ENDER(Student), 1991
 ATAMAN O. Y., Determination of lead and nickel in air particulate materials, Postgraduate, M.ALİ(Student), 1990
 ATAMAN O. Y., Atom trapping atomic absorption spectrometry using silica and metal tubes, Postgraduate, N.ERTAŞ(Student), 1990
 ATAMAN O. Y., Selenium speciation by mercapto resin and hydride generataion atomic absorption sepectroscopy, Postgraduate, F.İNAL(Student), 1989
 ATAMAN O. Y., Preparation and evaluation of a new surface modified silica resin for preconcentration of trace elements in seawater., Doctorate, M.Volkan(Student), 1985

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Development of sensitive analytical methods for the determination of thallium at trace levels by slotted quartz tube flame atomic absorption spectrometry**
 Ari B., BAKIRDERE S., ATAMAN O. Y.
 SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.171, 2020 (SCI-Expanded)
- II. **Selenium speciation in chicken breast samples from inorganic and organic selenium fed chickens using high performance liquid chromatography-inductively coupled plasma-mass spectrometry**
 BAKIRDERE S., VOLKAN M., ATAMAN O. Y.
 JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.71, pp.28-35, 2018 (SCI-Expanded)
- III. **Biological effects of tolerable level chronic boron intake on transcription factors**
 BOYACIOĞLU S. Ö., KORKMAZ M., Kahraman E., Yildirim H., Bora S., ATAMAN O. Y.
 JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.39, pp.30-35, 2017 (SCI-Expanded)
- IV. **Speciation of Arsenic in Fish by High-Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometry**
 Ozcan S., BAKIRDERE S., ATAMAN O. Y.
 ANALYTICAL LETTERS, vol.49, no.15, pp.2501-2512, 2016 (SCI-Expanded)
- V. **Is Boric Acid Toxic to Reproduction in Humans? Assessment of the Animal Reproductive Toxicity Data and Epidemiological Study Results**
 DUYDU Y., Basaran N., ÜSTÜNDAĞ A., AYDIN DİLSİZ S., ÜNDEĞER BUCURGAT Ü., ATAMAN O. Y., AYDOS K., Duker Y., Ickstadt K., Waltrup B. S., et al.
 CURRENT DRUG DELIVERY, vol.13, no.3, pp.324-329, 2016 (SCI-Expanded)
- VI. **Selenium, nickel, and calcium levels in cancerous and non-cancerous prostate tissue samples and their relation with some parameters**

Celen I., MÜEZZİNOĞLU T., ATAMAN O. Y., BAKIRDERE S., KORKMAZ M., NESE N., Senol F., Lekili M.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.22, no.17, pp.13070-13076, 2015 (SCI-Expanded)

- VII. **Speciation of Selenium in Supplements by High Performance Liquid Chromatography-Inductively Coupled Plasma-Mass Spectrometry**
BAKIRDERE S., Volkan M., ATAMAN O. Y.
ANALYTICAL LETTERS, vol.48, no.9, pp.1511-1523, 2015 (SCI-Expanded)
- VIII. **Lead determination at ng/mL level by flame atomic absorption spectrometry using a tantalum coated slotted quartz tube atom trap**
Demirtas I., BAKIRDERE S., ATAMAN O. Y.
TALANTA, vol.138, pp.218-224, 2015 (SCI-Expanded)
- IX. **In situ atom trapping of Bi on W-coated slotted quartz tube flame atomic absorption spectrometry and interference studies**
KILINÇ E., BAKIRDERE S., AYDIN F., ATAMAN O. Y.
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.89, pp.14-19, 2013 (SCI-Expanded)
- X. **Gas-Screen Slotted Quartz Tube Atomic Absorption Spectrometry: A Remedy for Reducing Interference Effects of Calcium and Chromium**
Gholami M., Yosefi M. H., Behkami S., Olyai M. R. T. B., ARSLAN Y., BAKIRDERE S., ATAMAN O. Y.
ANALYTICAL LETTERS, vol.46, no.6, pp.959-968, 2013 (SCI-Expanded)
- XI. **Tellurium speciation analysis using hydride generation in situ trapping electrothermal atomic absorption spectrometry and ruthenium or palladium modified graphite tubes**
Yildirim E., Akay P., ARSLAN Y., BAKIRDERE S., ATAMAN O. Y.
TALANTA, vol.102, pp.59-67, 2012 (SCI-Expanded)
- XII. **Sensitivity improvement for antimony determination by using in-situ atom trapping in a slotted quartz tube and flame atomic absorption spectrometry**
TİTRETİR DURAN S., Sik A. I., ARSLAN Y., ATAMAN O. Y.
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.77, pp.63-68, 2012 (SCI-Expanded)
- XIII. **Sensitive determination of bismuth by flame atomic absorption spectrometry using atom trapping in a slotted quartz tube and revolatilization with organic solvent pulse**
Kilinc E., BAKIRDERE S., AYDIN F., ATAMAN O. Y.
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.73, pp.84-88, 2012 (SCI-Expanded)
- XIV. **Assessment of DNA integrity (COMET assay) in sperm cells of boron-exposed workers**
DUYDU Y., Basaran N., ÜSTÜNDAĞ A., AYDIN DİLSİZ S., ÜNDEĞER BUCURGAT Ü., ATAMAN O. Y., AYDOS K., Duker Y., Ickstadt K., Waltrup B. S., et al.
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- XV. **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 (SCI-Expanded)
- XVI. **Speciation of selenium in vitamin tablets using spectrofluorometry following cloud point extraction**
Guler N., Maden M., Bakirdere S., ATAMAN O. Y., VOLKAN M.
FOOD CHEMISTRY, vol.129, no.4, pp.1793-1799, 2011 (SCI-Expanded)
- XVII. **Prevalence of Prostate Cancer in High Boron-Exposed Population: A Community-Based Study**
MÜEZZİNOĞLU T., KORKMAZ M., NESE N., Bakirdere S., Arslan Y., ATAMAN O. Y., LEKİLİ M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.144, pp.49-57, 2011 (SCI-Expanded)
- XVIII. **Effects of Chronic Boron Exposure on Semen Profile**
KORKMAZ M., Yenigun M., Bakirdere S., ATAMAN O. Y., Keskin S., MÜEZZİNOĞLU T., LEKİLİ M.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.143, no.2, pp.738-750, 2011 (SCI-Expanded)
- XIX. **Indium determination using slotted quartz tube-atom trap-flame atomic absorption spectrometry and interference studies**
Arslan Y., KENDÜZLER E., ATAMAN O. Y.
TALANTA, vol.85, no.4, pp.1786-1791, 2011 (SCI-Expanded)

- XX. **Reproductive toxicity parameters and biological monitoring in occupationally and environmentally boron-exposed persons in BandA +/- rma, Turkey**
DUYDU Y., Basaran N., ÜSTÜNDAĞ A., AYDIN DİLSİZ S., ÜNDEĞER BUCURGAT Ü., ATAMAN O. Y., AYDOS K., Duker Y., Ickstadt K., Waltrup B. S., et al.
ARCHIVES OF TOXICOLOGY, vol.85, no.6, pp.589-600, 2011 (SCI-Expanded)
- XXI. **SENSITIVITY ENHANCEMENT FOR SLOTTED QUARTZ TUBE FLAME ATOMIC ABSORPTION SPECTROMETRY USING A GAS SCREEN**
Gholami M., Farjoud M. J., Sepehri M., Nazari A., Gholami M., Behkami S., ATAMAN O. Y.
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- XXII. **Gold volatile compound generation: optimization, efficiency and characterization of the generated form**
Arslan Y., Matousek T., Kratzer J., Musil S., Benada O., Vobecky M., ATAMAN O. Y., Dedina J.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, vol.26, no.4, pp.828-837, 2011 (SCI-Expanded)
- XXIII. **Speciation and determination of thiols in biological samples using high performance liquid chromatography-inductively coupled plasma-mass spectrometry and high performance liquid chromatography-Orbitrap MS**
Bakirdere S., Bramanti E., D'ulivo A., ATAMAN O. Y., Mester Z.
ANALYTICA CHIMICA ACTA, vol.680, pp.41-47, 2010 (SCI-Expanded)
- XXIV. **Determination and interference studies of bismuth by tungsten trap hydride generation atomic absorption spectrometry**
KULA İ., Arslan Y., Bakirdere S., TİTRETİR DURAN S., Kenduezler E., ATAMAN O. Y.
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- XXV. **Determination of antimony by using tungsten trap atomic absorption spectrometry**
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SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.63, no.8, pp.875-879, 2008 (SCI-Expanded)
- XXVI. **A novel analytical system involving hydride generation and gold-coated W-coil trapping atomic absorption spectrometry for selenium determination at ng l(-1) level**
Kula I., Arslan Y., Bakirdere S., ATAMAN O. Y.
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- XXVII. **Vapor generation and atom traps: Atomic absorption spectrometry at the ng/L level**
Ataman O. Y.
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.63, no.8, pp.825-834, 2008 (SCI-Expanded)
- XXVIII. **Boron intakes in selected populations in Turkey and the US.**
Meacham S., Sayli U., Korkmaz M., Carper S., Bakirdere S., ATAMAN O. Y.
FASEB JOURNAL, vol.22, 2008 (SCI-Expanded)
- XXIX. **Oxidation state related evaluation of tellurium determination by flame AAS**
Yildiz H. B., ERTAŞ N., ATAMAN O. Y.
FRESENIUS ENVIRONMENTAL BULLETIN, vol.17, pp.911-914, 2008 (SCI-Expanded)
- XXX. **Estimation of human daily boron exposure in a boron-rich area**
Korkmaz M., Sayli U., Sayli B. S., Bakirdere S., Titretir S., Ataman O. Y., Keskin S.
BRITISH JOURNAL OF NUTRITION, vol.98, no.3, pp.571-575, 2007 (SCI-Expanded)
- XXXI. **Effects of dietary boron on cervical cytopathology and on micronucleus frequency in exfoliated buccal cells**
Korkmaz M., Uzgoren E., Bakirdere S., Aydin F., Ataman O. Y.
ENVIRONMENTAL TOXICOLOGY, vol.22, no.1, pp.17-25, 2007 (SCI-Expanded)
- XXXII. **Determination of antimony by using a quartz atom trap and electrochemical hydride generation atomic absorption spectrometry**
Menemenlioglu I., Korkmaz D., Ataman O. Y.
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.62, no.1, pp.40-47, 2007 (SCI-Expanded)
- XXXIII. **Chemical vapor generation of Cd and on-line preconcentration on a resistively heated W-coil prior to determination by atomic absorption spectrometry using an unheated quartz absorption cell**

- Cankur O., Ataman O. Y.
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- XXXIV. **Interference effect of iron on the determination of gold in geological samples using the vapor generation technique and preconcentration in a graphite furnace**
Ertas G., Ataman O.
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- XXXV. **Effect of nitric acid for equal stabilization and sensitivity of different selenium species in electrothermal atomic absorption spectrometry**
Sahin F., Volkan M., Ataman O.
ANALYTICA CHIMICA ACTA, vol.547, no.1, pp.126-131, 2005 (SCI-Expanded)
- XXXVI. **Flow injection-hydride generation-infrared spectrophotometric determination of Pb**
Cankur O., Korkmaz D., Ataman O.
TALANTA, vol.66, no.3, pp.789-793, 2005 (SCI-Expanded)
- XXXVII. **Cold vapour generation and on-line trapping of cadmium species on quartz surface prior to detection by atomic absorption spectrometry**
Korkmaz D., Demir C., Aydin F., Ataman O.
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- XXXVIII. **Electrothermal atomic absorption spectrometric determination of gold by vapor formation and in situ trapping in graphite tubes**
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- XXXIX. **Stibine preconcentration in a quartz trap with subsequent atomization in the quartz multiatomizer for atomic absorption spectrometry**
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- XL. **Effect of exhaustion hood flow rate in flow injection cold vapor and hydride generation atomic absorption spectrometry**
Cankur O., Ataman O.
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- XLl. **Determination of boron in hazelnut (*Corylus avellana* L.) varieties by inductively coupled plasma optical emission spectrometry and spectrophotometry**
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- XLII. **Selective pre-concentration of selenite from aqueous samples using mercapto-silica**
Sahin F., Volkan M., Howard A., Ataman O.
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- XLIII. **Interference studies in slotted silica tube trap technique**
Korkmaz D., Mahmut M., Helles R., Ertas N., Ataman O.
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- XLIV. **A novel silica trap for lead determination by hydride generation atomic absorption spectrometry**
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- XLV. **Investigations on nature of re-volatilization from atom trap surfaces in flame AAS**
Korkmaz D., Kumser S., Ertas N., Mahmut M., Ataman O.
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- XLVI. **Determination of bismuth using on-line preconcentration by trapping on resistively heated W coil and hydride generation atomic absorption spectrometry**
Cankur O., Ertas N., Ataman O.
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- XLVII. **Novel traps and atomization techniques for flame AAS**
Ertas N., Korkmaz D., Kumser S., Ataman O.

- JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, vol.17, no.10, pp.1415-1420, 2002 (SCI-Expanded)
- XLVIII. **Speciation and preconcentration of inorganic tellurium from waters using a mercaptosilica microcolumn and determination by hydride generation atomic absorption spectrometry**
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- XLIX. **Colloquium Spectroscopicum Internationale XXXI, - September 5-10, 1999, Ankara, Turkey**
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- L. **Fiber optic sensors using novel substrates for hydrogen sulfide determination by solid surface fluorescence**
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- LI. **Simultaneous determination of cadmium and zinc using a fiber optic device and fluorescence spectrometry**
Ertas N., Akkaya E., Ataman O.
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- LII. **XPS characterization of Bi and Mn collected on atom-trapping silica for AAS**
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APPLIED SPECTROSCOPY, vol.53, no.4, pp.479-482, 1999 (SCI-Expanded)
- LIII. **X-ray photoelectron spectroscopic characterization of Au collected with atom trapping on silica for atomic absorption spectrometry**
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- LIV. **Simultaneous determination of Cd and Zn by fluorescence spectrometry using a novel reagent and surfactants**
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- LV. **Letter of Prof. O. Y. Ataman: Research topics from turkey**
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- LVI. **Selenium status of healthy Turkish children**
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- LVII. **Hydrogen sulfide determination by solid surface luminescence**
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- LVIII. **Determination of germanium by AAS in chloride-containing matrices**
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- LIX. **LEAD AND NICKEL LEVELS IN BLACK-SEA AEROSOLS BY ETA-AAS**
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- LXI. **MERCURY SPECIATION BY ELECTROCHEMICAL SEPARATION AND COLD-VAPOR ATOMIC-ABSORPTION SPECTROMETRY**
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