

Prof. NUSRET ERTAŞ

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Education Information

Doctorate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 1990 - 1997

Postgraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 1988 - 1990

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 1981 - 1988

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Simultaneous and remote determination of Zn and Cd using fluorescence spectrometry, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, 1997

Postgraduate, Atom trapping atomic absorption spectrometry using silica and metal tubes, Middle East Technical University, Analiz ve Fonksiyonlar Teorisi, Kimya (YI) (Tezli), 1990

Research Areas

Natural Sciences

Academic Titles / Tasks

Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2011 - Continues

Associate Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2005 - 2011

Assistant Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2000 - 2005

Lecturer, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 1998 - 2000

Research Assistant, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, 1988 - 1997

Academic and Administrative Experience

Fakülte Akademik Kurul Üyesi, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2022 - Continues
Fakülte Yönetim Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, 2012 - 2019
Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2011 - 2014

Courses

KALİTE KONTROL VE FARMASÖTİK ANALİZLERDE ENSTRUMENTAL ANALİZ METODLARI, Postgraduate, 2021 - 2022
Atomik Spektroskopi, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Spektrokimyasal Analiz Yöntemleri, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018
Spektral Analiz Yöntemleri, Doctorate, 2020 - 2021, 2019 - 2020, 2017 - 2018
ATOMİK SPEKTROSKOPİYE GİRİŞ, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020
Farmasötik Genel Kimya, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Advising Theses

TAMER U., ERTAŞ N., Nanopartikül tabanlı bakteri tayini için floresans ve yüzeyde güçlendirilmiş raman saçılmasına dayanan sensörlerin geliştirilmesi, Doctorate, Ü.DOĞAN(Student), 2018
ERTAŞ N., Development Of Sensitive Analytical Methods Using Liquid-Liquid Microextraction Combined With Online Preconcentration Techniques In Capillary Electrophoresis, Doctorate, İ.Lubbad(Student), 2018
ERTAŞ N., Microchip Based Bacteria Detection Using Magnetic Nanoparticles And Quantum Dots, Postgraduate, E.NAGİHAN(Student), 2016
ERTAŞ N., BURGAZ S., İçme sularında arsenik kirliliği olan bölgelerde yaşayan bireylerin saç örneklerindeki arsenik düzeylerinin ve yanak epitel hücrelerinde olası genotoksik hasarın belirlenmesi, Postgraduate, B.ALTUN(Student), 2014
ERTAŞ N., Speciation studies by capillary electrophoresis and high performance liquid chromatography-hydride generation-atomic fluorescence spectrometry, Doctorate, U.ALSHANA(Student), 2013
ERTAŞ N., Sıvı faz mikroekstraksiyon tekniği ile bazı Beta-2-agonistlerin sıgır idrarında kapiler elektroforez ve gaz kromatografi kütle spektrometrisi yöntemleri ile tayini, Doctorate, M.FARUK(Student), 2012
ERTAŞ N., Method development for synthesis of semiconductor nanoparticles and analytical applications, Doctorate, T.OYMAK(Student), 2011
ERTAŞ N., Farmasötik tablet formunda Karvedilol ve Telmisartanın fosforimetrik tayini, Postgraduate, E.ÜNCÜOĞLU(Student), 2009
BASAN H., ERTAŞ N., Kurşunun ph-duyarlı akrilat bazlı polimer kullanarak zenginleştirilmesi ve alevli atomik absorpsiyon spektrometresinde tayini, Postgraduate, Ç.KANBEŞ(Student), 2009
ERTAŞ N., FARMASÖTİK TABLET FORMUNDA KARVEDİLOL ve TELMİSARTANIN FOSFORİMETRİK TAYİNİ, Postgraduate, E.ÜNCÜOĞLU(Student), 2009
ERTAŞ N., Hydride generation atomic absorption spectrometric determination of arsenic, antimony and tin by in situ trapping of their hydride on tungsten coil and interference studies, Doctorate, O.ALP(Student), 2008
ERTAŞ N., Arsenik, antimon ve kalayın tungsten sarmalda tuzaklanarak hidrür oluşturmali atomik absorpsiyon spektrometri yöntemi ile tayini ve girişim çalışmaları, Doctorate, O.ALP(Student), 2008
ERTAŞ N., Çeşitli tekstil ürünlerinden yapay ter çözeltilisine özütlenebilen kurşun ve kadmiyumun kimyasal buhar oluşturmali atomik absorpsiyon spektrometresi ile tayinleri için yöntem geliştirilmesi, Postgraduate, O.ALP(Student), 2004
ERTAŞ N., Tuz içeren farmasötik preparatlarda akışa enjeksiyonlu hidrür oluşturmali atomik absorpsiyon spektrometri (FI-HG-AAS) ile kurşun tayini, Doctorate, A.BERKKAN(Student), 2004
ERTAŞ N., Hemodiyaliz çözeltilerinde ve yemek tuzlarında soğuk buhar oluşturmali atomik absorpsiyon spektrometrisi ile kadmiyum tayini, Postgraduate, H.DEMİRÖZ(Student), 2003

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Characterization and Determination of Selenium Nanoparticles in Dietary Supplements by Single Particle Inductively Coupled Plasma Mass Spectrometry**
Akbaba T. N., ALP O., Alshana U., ERTAŞ N.
FOOD ANALYTICAL METHODS, 2024 (SCI-Expanded)
- II. **Development of a new phosphorescence sensor based on surface molecularly imprinted Mn-doped ZnS quantum dots for detection of melamine in milk products**
YILMAZ H., ERTAŞ N., BASAN H.
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.309, 2024 (SCI-Expanded)
- III. **Smartphone digital image colorimetry combined with dispersive solid-phase microextraction for the determination of boron in food samples**
Caleb J., Alshana U., ERTAŞ N., BAKIRDERE S.
Food Chemistry, vol.426, 2023 (SCI-Expanded)
- IV. **Smartphone digital image colorimetry combined with deep eutectic solvent-liquid-liquid microextraction for the determination of cobalt in milk and dairy products**
Abdullahi A. B., Ismail S., Alshana U., ERTAŞ N.
Journal of Food Composition and Analysis, vol.119, 2023 (SCI-Expanded)
- V. **Switchable-hydrophilicity solvent liquid-liquid microextraction combined with smartphone digital image colorimetry for the determination of palladium in catalytic converters**
Ismail S., Abdullahi A. B., Alshana U., ERTAŞ N.
ANALYTICAL SCIENCES, vol.39, no.1, pp.97-108, 2023 (SCI-Expanded)
- VI. **Evaluation of low-to-moderate arsenic exposure, metabolism and skin lesions in a Turkish rural population exposed through drinking water**
Alshana U., Altun B., Ertaş N., Çakmak G., Kadioğlu E., Hisarlı D., Asik E., Atabey E., Celebi C. R., Bilir N., et al.
CHEMOSPHERE, vol.304, 2022 (SCI-Expanded)
- VII. **Size Dependent Dissolution of Silver Nanoparticles in Human Monocytic/Macrophage-Like U937 Cells and Speciation by Single Particle-Inductively Coupled Plasma-Mass Spectrometry (SP-ICP-MS)**
ALP O., ENGİN A. B., ERTAŞ N.
ANALYTICAL LETTERS, vol.55, no.18, pp.2912-2927, 2022 (SCI-Expanded)
- VIII. **Characterization of the Silver Species Released From Clothing by Single Particle-Inductively Coupled Plasma-Mass Spectrometry Using a Microsecond Dwell Time**
Akbaba T. N., Ertaş N., Alp O.
ANALYTICAL LETTERS, vol.55, no.4, pp.580-595, 2022 (SCI-Expanded)
- IX. **Smartphone digital image colorimetry combined with solidification of floating organic drop-dispersive liquid-liquid microextraction for the determination of iodate in table salt**
Caleb J., Alshana U., ERTAŞ N.
FOOD CHEMISTRY, vol.336, 2021 (SCI-Expanded)
- X. **Multiplex enumeration of Escherichia coli and Salmonella enteritidis in a passive capillary microfluidic chip**
DOĞAN Ü., Kasap E. N., Sucularlı F., YILDIRIM E., TAMER U., ÇETİN D., Suludere Z., BOYACI İ. H., ERTAŞ N.
ANALYTICAL METHODS, vol.12, no.30, pp.3788-3796, 2020 (SCI-Expanded)
- XI. **Fast fluorometric enumeration of E. coli using passive chip**
Kasap E. N., Doğan Ü., Cogun F., Yıldırım E., Boyacı İ. H., Çetin D., Suludere Z., Tamer U., Ertaş N.
JOURNAL OF MICROBIOLOGICAL METHODS, vol.164, 2019 (SCI-Expanded)
- XII. **Dispersive liquid-liquid microextraction of parabens from pharmaceuticals and personal care products prior to their determination using HPLC-DAD**
Hassan M., Alshana U., ERTAŞ N.
TURKISH JOURNAL OF CHEMISTRY, vol.43, no.6, pp.1634-1645, 2019 (SCI-Expanded)
- XIII. **Rapid Detection of Acrylamide in Food Using Mn-Doped ZnS Quantum Dots as a Room Temperature Phosphorescent Probe**

Demirhan B., Demirhan B., Ertaş N., Şatana Kara H. E.

FOOD ANALYTICAL METHODS, vol.11, no.5, pp.1367-1373, 2018 (SCI-Expanded)

- XIV. **Effects of heat treatment parameters on liquid whole egg proteins**
Uysal R. S., BOYACI İ. H., ACAR SOYKUT E., ERTAŞ N.
FOOD CHEMISTRY, vol.216, pp.201-208, 2017 (SCI-Expanded)
- XV. **Polyethyleneimine brushes effectively inhibit encrustation on polyurethane ureteral stents both in dynamic bioreactor and in vivo**
GÜLTEKİNOĞLU BAYRAM M., KÜRÜM B., KARAHAN S., KART D., SAĞIROĞLU M., ERTAŞ N., ÖZEN A. H., ULUBAYRAM K.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.71, pp.1166-1174, 2017 (SCI-Expanded)
- XVI. **Rapid detection of bacteria based on homogenous immunoassay using chitosan modified quantum dots**
Doğan Ü., Kasap E., Çetin D., Suludere Z., Boyacı İ. H., Türkyılmaz C., Ertaş N., Tamer U.
SENSORS AND ACTUATORS B-CHEMICAL, vol.233, pp.369-378, 2016 (SCI-Expanded)
- XVII. **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 (SCI-Expanded)
- XVIII. **Determination of antazoline and tetrahydrozoline in ophthalmic solutions by capillary electrophoresis and stability-indicating HPLC methods**
GÜMÜŞTAŞ M., Alshana U., ERTAŞ N., GÜNDEN GÖĞER N., ÖZKAN S. A., USLU B.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.124, pp.390-398, 2016 (SCI-Expanded)
- XIX. **L-Cysteine capped Mn-doped ZnS quantum dots as a room temperature phosphorescence sensor for in-vitro binding assay of idarubicin and DNA**
ERTAŞ N., ŞATANA KARA H. E.
BIOSENSORS & BIOELECTRONICS, vol.70, pp.345-350, 2015 (SCI-Expanded)
- XX. **Determination of parabens in human milk and other food samples by capillary electrophoresis after dispersive liquid-liquid microextraction with back-extraction**
Alshana U., ERTAŞ N., GÜNDEN GÖĞER N.
FOOD CHEMISTRY, vol.181, pp.1-8, 2015 (SCI-Expanded)
- XXI. **Ag/silk fibroin nanofibers: Effect of fibroin morphology on Ag+ release and antibacterial activity**
ÇALAMAK S., AKSOY E. A., ERTAŞ N., Erdogdu C., SAĞIROĞLU M., ULUBAYRAM K.
EUROPEAN POLYMER JOURNAL, vol.67, pp.99-112, 2015 (SCI-Expanded)
- XXII. **Simultaneous determination of dexpanthenol, lidocaine hydrochloride, and mepyramine maleate in combined pharmaceutical gel by capillary electrophoresis**
Akyıl G. B., ŞATANA KARA H. E., Bas S. Y., ERTAŞ N., GÜNDEN GÖĞER N.
TURKISH JOURNAL OF CHEMISTRY, vol.38, no.5, pp.756-764, 2014 (SCI-Expanded)
- XXIII. **DISPERSIVE LIQUID-LIQUID MICROEXTRACTION BASED ON SOLIDIFICATION OF FLOATING ORGANIC DROP COMBINED WITH COUNTER-ELECTROSMOTIC FLOW NORMAL STACKING MODE IN CAPILLARY ELECTROPHORESIS FOR THE DETERMINATION OF BISPENOL A IN WATER AND URINE SAMPLES**
Alshana U., Lubbad I., Günden Göğeri N., Çok İ., Tamer U., Ertaş N.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.36, no.20, pp.2855-2870, 2013 (SCI-Expanded)
- XXIV. **Determination of Etodolac and Flurbiprofen in their pharmaceutical tablets using heavy-atom-induced room-temperature phosphorescence and HPLC**
Şatana Kara H. E., Günden Göğeri N., Ertaş N.
Journal Of Aoac International, pp.1-6, 2013 (SCI-Expanded)
- XXV. **Dispersive liquid-liquid microextraction combined with field-amplified sample stacking in capillary electrophoresis for the determination of non-steroidal anti-inflammatory drugs in milk and dairy products**

- Alshana U., GÜNDEN GÖĞER N., ERTAŞ N.
FOOD CHEMISTRY, vol.138, pp.890-897, 2013 (SCI-Expanded)
- XXVI. **Dispersive liquid-liquid microextraction based on solidification of floating organic drop combined with field-amplified sample injection in capillary electrophoresis for the determination of beta(2)-agonists in bovine urine**
Us M. F., Alshana U., Lubbad I., GÜNDEN GÖĞER N., ERTAŞ N.
ELECTROPHORESIS, vol.34, no.6, pp.854-861, 2013 (SCI-Expanded)
- XXVII. **Ultrasound-assisted emulsification microextraction for the determination of ephedrine in human urine by capillary electrophoresis with direct injection. Comparison with dispersive liquid-liquid microextraction**
Alshana U., GÜNDEN GÖĞER N., ERTAŞ N.
JOURNAL OF SEPARATION SCIENCE, vol.35, no.16, pp.2114-2121, 2012 (SCI-Expanded)
- XXVIII. **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)
- XXIX. **Preparation, characterization and electrical properties of polyaniline nanofibers containing sulfonated cyclodextrin group**
TAMER U., Kanbes C., TORUL H., ERTAŞ N.
REACTIVE & FUNCTIONAL POLYMERS, vol.71, no.9, pp.933-937, 2011 (SCI-Expanded)
- XXX. **Determination of 7-ethoxyresorufin-o-deethylase (EROD) induction in leaping mullet (Liza saliens) from the highly contaminated Aliaga Bay, Turkey**
ŞEN A., ULUTAŞ O. K., Tutuncu B., ERTAŞ N., ÇOK İ.
ENVIRONMENTAL MONITORING AND ASSESSMENT, vol.165, pp.87-96, 2010 (SCI-Expanded)
- XXXI. **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 (SCI-Expanded)
- XXXII. **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 (SCI-Expanded)
- XXXIII. **Branched Fibers of Conducting Polypyrrole: Synthesis and Characterization**
TAMER U., Kanbes C., ERTAŞ N.
INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, vol.14, no.3, pp.259-270, 2009 (SCI-Expanded)
- XXXIV. **A selective film based on poly(3-octylthiophene) doped with dihydroxyanthraquinone sulfonate**
TAMER U., ERTAŞ N., Erguner O., Gundogdu Y.
ELECTROANALYSIS, vol.20, no.16, pp.1805-1810, 2008 (SCI-Expanded)
- XXXV. **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)
- XXXVI. **Determination of lead by hydride generation atom trapping flame atomic absorption spectrometry**
ERTAŞ N., Arslan Z., Tyson J. F.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, vol.23, no.2, pp.223-228, 2008 (SCI-Expanded)
- XXXVII. **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 (SCI-Expanded)
- XXXVIII. **Voltammetric determination of mercury(II) at poly(3-hexylthiophene) film electrode. Effect of halide ions**
TAMER U., OYMAK T., ERTAŞ N.

- ELECTROANALYSIS, vol.19, no.24, pp.2565-2570, 2007 (SCI-Expanded)
- XXXIX. **Renal safety and extrahepatic defluorination of sevoflurane in hepatic transplantations**
Kanbak M., Karagoz A. H., Erdem N., Oc B., Saricaoglu F., Ertas N., Berkkan A., Abbasoglu O., Aypar U.
TRANSPLANTATION PROCEEDINGS, vol.39, no.5, pp.1544-1548, 2007 (SCI-Expanded)
- XL. **Dental lead levels in children from two different urban and suburban areas of Turkey**
Karahalil B., Aykanat B., Ertas N.
INTERNATIONAL JOURNAL OF HYGIENE AND ENVIRONMENTAL HEALTH, vol.210, no.2, pp.107-112, 2007 (SCI-Expanded)
- XLI. **Determination of citalopram using flow injection-solid phase extraction with spectrofluorometric detection**
Satana E., Ertas N., Goger N.
CHROMATOGRAPHIA, vol.66, 2007 (SCI-Expanded)
- XLII. **Mercury exposure in dental practice**
Atesagaoglu A., Omurlu H., Ozcagli E., Sardas S., Ertas N.
OPERATIVE DENTISTRY, vol.31, no.6, pp.666-669, 2006 (SCI-Expanded)
- XLIII. **Extrahepatic metabolism and renal effects of sevoflurane in a case of liver transplantation**
Erdem N., Kanbak M., Saricaoglu F., Ocal T., Tanyel C., Ertas N., Berkkan A., Aypar U.
TRANSPLANTATION PROCEEDINGS, vol.38, no.5, pp.1463-1466, 2006 (SCI-Expanded)
- XLIV. **Direct-write fabrication of functional protein matrixes using a low-cost Q-switched laser**
Kaehr B., Ertas N., Nielson R., Allen R., Hill R. T., Plenert M., Shear J. B.
ANALYTICAL CHEMISTRY, vol.78, no.9, pp.3198-3202, 2006 (SCI-Expanded)
- XLV. **Quantitative determination of ketoprofen in gels and ampules by using flow-injection UV spectrophotometry and HPLC**
Ozlu C., Basan H., Satana E., Ertas N., Goger N.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.39, no.3-4, pp.606-611, 2005 (SCI-Expanded)
- XLVI. **Examination of urinary mercury levels in dentists in Turkey**
Karahalil B., Rahravi H., Ertas N.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.24, no.8, pp.383-388, 2005 (SCI-Expanded)
- XLVII. **Electrochemically controlled solid-phase microextraction (EC-SPME) based on overoxidized sulfonated polypyrrole**
Tamer U., Ertas N., Udum Y., ŞAHİN Y., Pekmez K., Yildiz A.
TALANTA, vol.67, no.1, pp.245-251, 2005 (SCI-Expanded)
- XLVIII. **Assessment of abnormal DNA repair responses and genotoxic effects in lead exposed workers**
Karakaya A., Ozcagli E., Ertas N., Sardas S.
AMERICAN JOURNAL OF INDUSTRIAL MEDICINE, vol.47, no.4, pp.358-363, 2005 (SCI-Expanded)
- XLIX. **Determination of lead in dialysis concentrates using flow injection hydride generation atomic absorption spectrometry**
Berkkan A., Ertas N.
TALANTA, vol.64, no.2, pp.423-427, 2004 (SCI-Expanded)
- L. **Preparation of sulfonated overoxidized polypyrrole film applicable as an SPME tool for cationic analytes**
Ugur T., Yucel S., Nusret E., Yasemin U., Kadir P., Attila Y.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.570, no.1, pp.6-12, 2004 (SCI-Expanded)
- LI. **Interference studies in slotted silica tube trap technique**
Korkmaz D., Mahmut M., Helles R., Ertas N., Ataman O.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, vol.18, no.2, pp.99-104, 2003 (SCI-Expanded)
- LII. **Assessment of cytogenetic damage in lymphocytes and in exfoliated nasal cells of dental laboratory technicians exposed to chromium, cobalt, and nickel**
Burgaz S., Demircigil G., Yilmazer M., Ertas N., Kemaloglu Y. K., Burgaz Y.
MUTATION RESEARCH-GENETIC TOXICOLOGY AND ENVIRONMENTAL MUTAGENESIS, vol.521, pp.47-56, 2002 (SCI-Expanded)

- LIII. **A novel silica trap for lead determination by hydride generation atomic absorption spectrometry**
Korkmaz D., Ertas N., Ataman O.
SPECTROCHIMICA ACTA PART B-ATOMIC SPECTROSCOPY, vol.57, no.3, pp.571-580, 2002 (SCI-Expanded)
- LIV. **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.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, vol.17, no.6, pp.603-609, 2002 (SCI-Expanded)
- LV. **Investigations on nature of re-volatilization from atom trap surfaces in flame AAS**
Korkmaz D., Kumser S., Ertas N., Mahmut M., Ataman O.
JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY, vol.17, no.12, pp.1610-1614, 2002 (SCI-Expanded)
- LVI. **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)
- LVII. **Quantitative determination of piroxicam in a new formulation (piroxicam-beta-cyclodextrin) by derivative UV spectrophotometric method and HPLC**
Basan H., Goger N., Ertas N., Orbey M.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.26, no.2, pp.171-178, 2001 (SCI-Expanded)
- LVIII. **Flow injection analysis for boron determination by using methyl borate generation and flame atomic emission spectrometry**
Sarica D., Ertas N.
TURKISH JOURNAL OF CHEMISTRY, vol.25, no.3, pp.305-310, 2001 (SCI-Expanded)
- LIX. **Simultaneous determination of cadmium and zinc using a fiber optic device and fluorescence spectrometry**
Ertas N., Akkaya E., Ataman O.
TALANTA, vol.51, no.4, pp.693-699, 2000 (SCI-Expanded)
- LX. **Determination of trace elements in marine plankton by inductively coupled plasma mass spectrometry (ICP-MS)**
Arslan Z., Ertas N., Tyson J., Uden P., Denoyer E.
FRESENIUS JOURNAL OF ANALYTICAL CHEMISTRY, vol.366, no.3, pp.273-282, 2000 (SCI-Expanded)
- LXI. **XPS characterization of Bi and Mn collected on atom-trapping silica for AAS**
Suzer S., Ertas N., Ataman O.
APPLIED SPECTROSCOPY, vol.53, no.4, pp.479-482, 1999 (SCI-Expanded)
- LXII. **X-ray photoelectron spectroscopic characterization of Au collected with atom trapping on silica for atomic absorption spectrometry**
Suzer S., Ertas N., Kumser S., Ataman O.
APPLIED SPECTROSCOPY, vol.51, no.10, pp.1537-1539, 1997 (SCI-Expanded)
- LXIII. **Simultaneous determination of Cd and Zn by fluorescence spectrometry using a novel reagent and surfactants**
Ertas N., Akkaya E., Ataman O.
QUIMICA ANALITICA, vol.16, pp.101-104, 1997 (SCI-Expanded)

Articles Published in Other Journals

- I. **Evaluation of Arsenic Concentration in Poultry and Calf Meat Samples by Hydride Generation Atomic Fluorescence Spectrometry**
Ertas N., Burgaz S., Berkkay A., Alp O.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.34, no.2, pp.396-404, 2021 (ESCI)
- II. **Use of Water Soluble and Phosphorescent MPA-capped CdTe Quantum Dots for the Detection of Urea**
OYMAK T., ERTAŞ N., TAMER U.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.15, no.1, pp.44-49, 2018 (ESCI)

III. Spectrofluorometric Determination of Citalopram HBr in Tablets

ŞATANA KARA H. E., ERTAŞ N., GÜNDEN GÖĞER N.

FABAD J. Pharm. Sci., vol.32, pp.73-77, 2007 (Peer-Reviewed Journal)

Books & Book Chapters

I. Quantum Dots for Pharmaceutical and Biomedical Analysis

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Scientific Refereeing

ANALYTICAL LETTERS, SCI Journal, June 2022

ANALYTICAL BIOCHEMISTRY, SCI Journal, June 2022

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, May 2022

ANALYTICA CHIMICA ACTA, SCI Journal, May 2022

ANALYTICAL METHODS, SCI Journal, May 2022

ELECTROPHORESIS, SCI Journal, April 2022

JOURNAL OF AOAC INTERNATIONAL, SCI Journal, April 2022

Metrics

Publication: 140

Citation (WoS): 1445

Citation (Scopus): 1566

H-Index (WoS): 24

H-Index (Scopus): 25

Invited Talks

Ulusal Spektroskopi Kongresi, Conference, Hacettepe Üniversitesi, Turkey, November 2019

Non Academic Experience

Gazi Üniversitesi

Gazi Üniversitesi

University of Texas at Austin

Gazi Üniversitesi

University of Massachusetts at Amherst

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