

## Prof. NUSRET ERTAŞ

### Personal Information

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### International Researcher IDs

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ScopusID: 6701690656

Yoksis Researcher ID: 1984

### 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

Faculty Academic Council Member, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2022 - 2025

Fakülte Yönetim Kurulu Üyesi, Gazi University, Eczacılık Fakültesi, 2012 - 2019

Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2011 - 2014

## Courses

### Doctorate

Atomik Spektroskopi, Doctorate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Spektral Analiz Yöntemleri, Doctorate, 2020 - 2021, 2019 - 2020, 2017 - 2018

### Postgraduate

KALİTE KONTROL VE FARMASÖTİK ANALİZLERDE ENSTRUMENTAL ANALİZ METODLARI, Postgraduate, 2021 - 2022

ATOMİK SPEKTROSKOPİYE GİRİŞ, Postgraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

### Undergraduate

Spektrokimyasal Analiz Yöntemleri, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2017 - 2018

Farmasötik Genel Kimya, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

## Supervised 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-hydrate generation-atomic fluorescence spectrometry, Doctorate, U.ALSHANA(Student), 2013

ERTAŞ N., Sıvı faz mikroekstraksiyon tekniği ile bazı Beta-2-agonistlerin sığır 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., Hydrate generation atomic absorption spectrometric determination of arsenic, antimony and tin by in situ trapping of their hydrate 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., Ertas 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., Ertas 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**  
Akyil 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 BISPHENOL A IN WATER AND URINE SAMPLES**  
Alshana U., Lubbad I., Günden Göğeri N., Çok İ., Tamer U., Ertas 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., Ertuş 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., GÜNDEM GÖĞERİ 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., GÜNDEM GÖĞERİ 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., GÜNDEM GÖĞERİ 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., Berkkan 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

- I. **Quantum Dots for Pharmaceutical and Biomedical Analysis**  
Şatana Kara H. E., Ertas N.  
in: Spectroscopic Analyses - Developments and Applications, Eram Sharmin, Fahmina Zafar, Editor, INTECH open Science, Londrina, pp.143-169, 2017

## Papers Published in Refereed Scientific Meetings

- I. **Tek Parçacık Endüktif Eşleşmiş Plazma-Kütle Spektrometresi İle Gıda Takviyelerindeki Selenyum Nanoparçacıkların Tayini Ve Karakterizasyonu**  
Akbaba T. N., Alp O., Ertas N.  
10. Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 8 - 11 September 2022, pp.107
- II. **Characterization and Determination of Selenium Nanoparticles in Dietary Supplements by Single Particle Inductively Coupled Plasma Mass Spectrometry**  
Akbaba T. N., Alp O., Ertas N.  
NanoTR-16, Ankara, Turkey, 5 - 08 September 2022, pp.234
- III. **Quantum Dots Coated with Molecularly Imprinted Polymer as a Phosphorescent Sensor for Selective Determination of Amoxicillin**  
YILMAZ H., ERTAŞ N., BASAN H.  
3rd International Environmental Chemistry (EnviroChem) Congress, 01 November 2021
- IV. **METHOD DEVELOPMENT FOR SELENIUM NANOPARTICLE DETERMINATION AND CHARACTERIZATION USING SINGLE PARTICLE INDUCTIVELY COUPLED PLASMA MASS SPECTROMETRY**  
Akbaba T. N., Alp O., Ertas N.  
3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021, pp.98
- V. **Dispersive Liquid-Liquid Microextraction Followed by Smartphone Digital Image Colorimetry for the Determination of Iodate in Table Salt**  
Caleb J., Alshana U., Ertas N.  
2nd International Congress on Analytical and Bioanalytical Chemistry (2nd ICABC 2020), Antalya, Turkey, 11 - 14 March 2020, pp.106
- VI. **Tek parçacık ICP-MS ile nanoparçacık karakterizasyonu ve miktar tayini**  
Ertas N., Engin A. B., Alp O.  
Ulusal Spektroskopi Kongresi, Ankara, Turkey, 7 - 08 November 2019
- VII. **Association of methylenetetrahydrofolate reductase (MTHFR) variants and arsenic metabolism among subjects from Nevşehir Province.**  
Temel Gürsel E., Kadioğlu E., Hisarlı Çalık N. D., Aşık E., Çakmak G., Alshana U., Ertas N., Çelebi C. R., Atabey E., Ataman O. Y., et al.  
10th International Congress of the Turkish Society of Toxicology, Antalya, Turkey, 16 - 19 October 2019
- VIII. **Evaluation of Thioredoxin-1 (TRX-1) levels in individuals chronically exposed to Arsenic via drinking water.**



Sengezer S., Kadioğlu E., Hisarlı Çalık N. D., Aşık E., Çakmak G., Alshana U., Ertaş N., Çelebi C. R., Atabey E., Ataman O. Y., et al.

10th International Congress of the Turkish Society of Toxicology, Antalya, Turkey, 16 - 19 October 2019

- IX. **A Selective Phosphorescent Sensor for Cefdinir Detection Using Surface Imprinted Polymers Coated Mn-Doped ZnS Quantum Dots**  
YILMAZ H., ERTAŞ N., BASAN H.  
4th International Congress on Biosensors, Çanakkale, Turkey, 8 - 11 July 2019
- X. **Enumeration of Escherichia coli based on SERS technique in a passive type microfluidic chip.**  
DOĞAN Ü., KASAP E. N., ÇOĞUN F., YILDIRIM E., ÇETİN D., SULUDERE Z., BOYACI İ. H., ERTAŞ N., TAMER U.  
ISOPS-12, Ankara, Turkey, 26 - 29 June 2018
- XI. **Development of E.coli dedection biosensor using analytical techniques in a passive type microfluidic chip.**  
DOĞAN Ü., KASAP E. N., ÇOĞUN F., YILDIRIM E., BOYACI İ. H., ÇETİN D., SULUDERE Z., ERTAŞ N., TAMER U.  
ALLSENSORS 2018, The Third International Conference on Advances in Sensors Actuators Metering and Sensing Digital World 2018 Rome, Italy, 25 - 29 March 2018
- XII. **Development of a Cefdinir Selective Optical SensorBased on Inorganic Molecularly Imprinted Polymers CoatedMn-doped ZnS Quantum Dots**  
YILMAZ H., ERTAŞ N., BASAN H.  
The 8th International Workshopon Surface Modificationfor Chemical and Biochemical Sensing, 3 - 07 November 2017
- XIII. **Development of hybrid organic-inorganic surface imprinted Mn-doped ZnS QDs as a phosphorescent sensor for the recognition and detection of tobramycin**  
Aktürk M., YILMAZ H., Akbaba T., ERTAŞ N., BASAN H.  
2nd International Gazi Pharma Symposium, 11 - 13 October 2017
- XIV. **Surface molecularly imprinted inorganic polymer capped Mn-doped ZnS quantum dots as a phosphorescent sensor for detecting tobramycin**  
YILMAZ H., ERTAŞ N., BASAN H.  
2nd International Gazi Pharma Symposium, 11 - 13 October 2017
- XV. **DETERMINATION OF PARABENS IN PHARMACEUTICALS ANDPERSONAL CARE PRODUCTS BY DLLME-HPLC**  
Hassan M., ALSHANA U., ERTAŞ N.  
2nd International Gazi Symposium Series, Ankara, Turkey, 11 - 13 October 2017, pp.383
- XVI. **TOXICITY RISK OF ARSENIC (AS) CONTAMINATION BASED ON HAIR AS CUT-OFF VALUE IN RESIDENT**  
ALTUN B., ERTAŞ N., ALSHANA U., Hisarlı D., Aşık E., ÇAKMAK G., KADIOĞLU E., Çelebi C. R., Atabey E., Ataman Y. O., et al.  
2nd International Gazi Pharma Symposium Series, Ankara, Turkey, 11 - 13 October 2017, pp.194
- XVII. **Simultaneous detection of E.coli and Salmonella based on fluorecence technique in a passive type microfluidic chip.**  
DOĞAN Ü., KASAP E. N., ÇOĞUN F., YILDIRIM E., ÇETİN D., SULUDERE Z., BOYACI İ. H., ERTAŞ N., TAMER U.  
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- XVIII. **RAPID DETECTION OF ACRYLAMIDE IN FOOD USING MN-DOPED ZNS QUANTUM DOTS AS A ROOM**  
DEMİRHAN B., ER DEMİRHAN B., ERTAŞ N., ŞATANA KARA H. E.  
2nd International Gazi Symposium Series, Ankara, Turkey, 11 - 13 October 2017, pp.369
- XIX. **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
- XX. **Toxicity Risk of Arsenic (As) Contamination Based on Hair as Cut-Off Value in Residents of Nevsehir Province Turkey.**  
ALTUN B., ERTAŞ N., ALSHANA U., Hisarlı D., AŞIK E., ÇAKMAK G., KADIOĞLU E., Celebi C., ATABEY E., ATAMAN Y., et al.

2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017, pp.194

- XXI. **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
- XXII. **Development of a phosphorescence sensor based on surface molecularly imprinted Mn-doped ZnS quantum dots for selective recognition of cefdinir**  
YILMAZ H., ERTAŞ N., BASAN H.  
First european and10th german biosensor symposium, 20 - 23 March 2017
- XXIII. **Microchip based determination of bacteria by in chip sandwich immunoassay**  
KASAP E. N., ÇOĞUN F., YILDIRIM E., DOĞAN Ü., BOYACI İ. H., ÇETİN D., SULUDERE Z., TAMER U., ERTAŞ N.  
AACD 2016 International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016
- XXIV. **Simultaneous Detection of Two Different Bacteria Using b QDs and MNPs**  
DOĞAN Ü., Kasap E. N., ÇOĞUN F., YILDIRIM E., ÇETİN D., SULUDERE Z., BOYACI İ. H., ERTAŞ N., TAMER U.  
10th Aegean Analytical Chemistry Days (AACD 2016), Çanakkale, Turkey, 29 September - 02 October 2016
- XXV. **Development of a phosphorescence sensor based on surface molecularly imprinted MN Dopped ZnS Quantum dots for selective recognition of melamine**  
YILMAZ H., ERTAŞ N., BASAN H.  
The 9th International Conference on Molecular Imprinting (MIP2016), Lund, Sweden, 26 - 30 June 2016, pp.365
- XXVI. **A RAPID AND SIMPLE METHOD FOR THE DETERMINATION OF TRIPHENYLMETHANE DYE RESIDUES IN CULTURE FISH BY COMBINING A SIMPLE LIQUID LIQUID EXTRACTION LLE WITH PSEUDO ISOTACHOPHORESIS STACKING TECHNIQUE**  
Ibrahim L., TAMER U., Nilgün Günden G., ERTAŞ N.  
International Gazi Pharma Symposium Series, Turkey, 12 - 15 November 2015, pp.112
- XXVII. **THE FREQUENCY OF MICRONUCLEUS AND OTHER NUCLEAR ANOMALIES IN EXFOLIATED BUCCAL CELLS OF INDIVIDUALS WHO CHRONICALLY EXPOSED TO LOW TO MODERATE LEVELS OF ARSENIC VIA DRINKING WATER**  
ALTUN B., ÇAKMAK DEMİRCİGİL G., KADIOĞLU E., ERTAŞ N., ALSHANA U., Aşık E., Hisarlı N. D., Çelebi C. R., Atabey E., Ataman O. Y., et al.  
Gazi Pharma Symposium Series, Antalya, Turkey, 12 - 15 November 2015
- XXVIII. **DETERMINATION OF TOTAL ARSENIC IN MEAT SAMPLES BY ATOMIC FLUORESCENCE SPECTROMETRY**  
Emine S. D., BERKKAN A., BURGAZ S., ERTAŞ N.  
Gazi Pharma Smposium Series-GPSS, Antalya, Turkey, 12 - 15 November 2015, pp.111
- XXIX. **Dispersive Liquid Liquid Microextraction Prior to Capillary Electrophoresis for the Determination of Parabens in Personal Care Products Human Urine and Saliva**  
ALSHANA U., ERTAŞ N., GÜNDEN GÖĞER N.  
GPSS, Antalya, Turkey, 12 - 15 November 2015
- XXX. **Gene Expression Levels in Individuals Exposed to Inorganic Arsenic via Drinking Water**  
KADIOĞLU E., ÇAKMAK DEMİRCİGİL G., Öztürk A. R., Hisarlı N. D., Asik E., ALSHANA U., ERTAŞ N., Celalettin R. C., Atabey E., Ataman O. Y., et al.  
Conference: International Gazi Pharma symposium series (GPSS 2015), Ankara, Turkey, 12 - 15 November 2015, pp.127
- XXXI. **İçme sularında arsenic kirliliği olan bölgelerde yaşayan bireylerdeki sağlık risklerinin moleküler epidemiyolojik yöntemlerle araştırılması**  
BURGAZ S., ERTAŞ N., ÇAKMAK DEMİRCİGİL G., KADIOĞLU E., ALSHANA U., AŞIK E., HİSARLI N. D., ALTUN B., BORA S., ÇELEBİ RUMİ C., et al.  
Ulusal Su ve Sağlık Kongresi, Antalya, Turkey, 26 - 30 October 2015, pp.354
- XXXII. **Microchip Based Determination of Bacteria by In Chip Sandwich Immunoassay International Multidisciplinary Symposium on Drug Research and Development**  
kasap e., ÇOĞUN F., YILDIRIM E., BOYACI İ. H., ÇETİN D., SULUDERE Z., TAMER U., ERTAŞ N.

International Multidisciplinary Symposium on Drug Research and Development, Eskişehir, Turkey, 15 - 17 October 2015

XXXIII. **Dispersive Liquid Liquid Microextraction as an Efficient Sample Cleanup and Preconcentration Technique Prior to Capillary Electrophoresis**

ALSHANA U., ERTAŞ N., GÜNDEN GÖĞER N.

International Multidisciplinary Symposium on Drug Research & Development, DRD 2015, Eskişehir, Turkey, 15 - 17 October 2015

XXXIV. **Optimization of a capillary electrophoresismethod for the determination of antazoline and tetrahydrozoline in ophthalmic solutions**

ALSHANA U., GÜNDEN GÖĞER N., ERTAŞ N.

International symposium on pharmaceutical science (ISOPS), Ankara, Turkey, 9 - 12 June 2015

XXXV. **Arsenic 3 methyltransferase and glutathione S transferase omega genetic variants associated with arsenic susceptibility Influences on As metabolism and skin lesions**

KADIOĞLU E., Hisarlı D. N., AŞIK E., ÇAKMAK DEMİRCİGİL G., ALSHANA U., ERTAŞ N., Çelebi C. R., Atabey E., Ataman O. Y., Serçe H., et al.

SOT Annual meeting, San Diego, United States Of America, 22 - 26 March 2015

XXXVI. **The modification of paper based microfluidic Surface Enhanced Raman Spectroscopy platform**

TAMER U., TORUL H., ERYILMAZ M., ÇİFTÇİ H., ÇETİN D., SULUDERE Z., BOYACI İ. H., ERTAŞ N.

9th Aegean Analytical Chemistry Days, Chios, Greece, 29 September - 03 October 2014

XXXVII. **Rapid Bacteria detection using magnetic nanoparticles and Quantum dots**

DOĞAN Ü., ERTAŞ N., TAMER U., BOYACI İ. H., ÇETİN D., SULUDERE Z.

9th Aegean Analytical Chemistry Days, 29 September - 03 October 2014

XXXVIII. **Hair arsenic concentrations of residents living in Nevşehir province, Turkey**

ALTUN B., ERTAŞ N., Alshana U., Hisarlı N. D., Asik E., Demircigil G. C., KADIOĞLU E., Celebi C. R., Atabey E., Ataman O. Y., et al.

49th Congress of the European-Societies-of-Toxicology (EUROTOX), Interlaken, Switzerland, 1 - 04 September 2013, vol.221

XXXIX. **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 Göğeri N., Ertaş N.

The 8th Aegean Analytical Chemistry Days (AACD), İzmir, Turkey, 16 - 20 September 2012

XL. **Dispersif sıvı sıvı mikroekstarksiyon sonrası kapiler elektroforez ile idrar ve şişelenmiş içme suyu numunelerinde bisfenol A tayini**

ALSHANA U., LUBBAD İ., GÜNDEN GÖĞER N., ÇOK İ., TAMER U., ERTAŞ N.

VI. Ulusal Analitik Kimya Kongresi, Turkey, 3 - 07 September 2012

XLI. **A Novel Combination of Dispersive Liquid-Liquid Microextraction Based on Solidification of Floating Organic Drop with Field-Amplified Sample Injection Capillary Electrophoresis for Preconcentration and Determination of Beta(2)-Agonists in Bovine Urine**

Us M. F., Alshana U., Lubbad İ., Günden Göğeri N., Ertaş N.

VI. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 3 - 07 September 2012

XLII. **Dispersive Liquid -Liquid Microextraction Combined with Field-Amplified Sample Stacking-Capillary Electrophoresis for the Determination of Non-Steroidal Anti-Inflammatory Drugs in Milk and Dairy Products**

Alshana U., Günden Göğeri N., Ertaş N.

VI. Ulusal Analitik Kimya Kongresi, Hatay, Turkey, 3 - 07 September 2012

XLIII. **Separation and Determination of Paracetamol, Chlorpheniramin maleate, Pseudoephedrine HCl and Dextromethorphan HCl in Tablets using Capillary Zone Electrophoresis**

Yener B., Yarımkaaya S., Ertaş N., Günden Göğeri N.

10th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 23 - 26 June 2012

XLIV. **Analysis of Antazolin and Naphazolin by Microemulsion Electrokinetic Chromatography**

Yarımkaya S., Ertaş N., Günden Göğeri N.

10th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 23 - 26 June 2012

- XLV. **Use of CdTe luminescent quantum dots for the determination of urea in serum**  
OYMAK T., TAMER U., ERTAŞ N.  
7th International conference on instrumental methods of analysis modern trends and applications, 18 - 22 December 2011
- XLVI. **Separation and Determination of Ephedrine, Norephedrine and Guaifenesin in Pharmaceutical Syrup and Biological Samples Using Micellar Electrokinetic Chromatography**  
Yarımkaya S., Alshana U., Ertaş N., Günden Göğeri N.  
7th International Conference on Instrumental Methods of Analysis, Modern Trends and Applications, Athens, Greece, 18 - 22 September 2011
- XLVII. **Solidification of Organic Drop Microextraction Combined with Capillary Electrophoresis for Preconcentration and Determination of Bisphenol A in Water Samples**  
Lubbad İ., Alshana U., Çok İ., Günden Göğeri N., Tamer U., Ertaş N.  
The 7th International Conference on Instrumental Methods of Analysis, Modern Trends and Applications, Athens, Greece, 18 - 22 September 2011
- XLVIII. **Solidification of Organic Drop Microextraction Followed by Online Back-Extraction in Capillary Electrophoresis**  
Alshana U., Günden Göğeri N., Ertaş N.  
The 7th International Conference on Instrumental Methods of Analysis, Modern Trends and Applications, Athens, Greece, 18 - 22 September 2011
- XLIX. **Simultaneous determination of Dexpanthenol, Mepyramine Maleate and Lidocaine Hydrochloride in combined pharmaceutical gels by capillary electrophoresis**  
Başmakçı G., Şatana Kara H. E., Yarımkaya S., Ertaş N., Günden Göğeri N.  
28th International Symposium on Chromatography, Valencia, Spain, 12 - 16 September 2010
- L. **Design and synthesis of enantiomer selective column material based on conducting polymer**  
Torul H., Kanbes C., Ertaş N., Tamer U.  
5. Analytical Chemistry Conference, Erzurum, Turkey, 21 - 25 June 2010
- LI. **Synthesis and Characterization of CdTeFe<sub>3</sub>O<sub>4</sub> Magnetic Nanoparticles**  
TAMER U., OYMAK T., ERTAŞ N.  
6th Nanoscience and Nanotechnology Conference, Turkey, 15 - 18 June 2010
- LII. **A solution of spectral interference problem about unknown cream ingredients on active substances**  
Özen G., Şatana Kara H. E., Ertaş N., Günden Göğeri N.  
9th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 23 - 26 June 2009
- LIII. **Quantitative determination of Paracetamol, Caffeine and Codeine in pharmaceutical tablets by capillary electrophoresis**  
Çakır K., Ertaş N., Şatana Kara H. E., Günden Göğeri N.  
9th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 23 - 26 June 2009
- LIV. **Synthesis and Characterization of Polyaniline Nanofiber**  
çiğdem k. d., ERTAŞ N., TAMER U.  
5. Ulusal Nanobilim ve Nanoteknoloji Konferansı, Turkey, 8 - 12 June 2009
- LV. **Phosphorimetric determination of Carvedilol and Telmisartan in pharmaceutical tablet forms**  
Üncüoğlu E., Şatana Kara H. E., Günden Göğeri N., Ertaş N.  
International Symposium on Drug Research and Development "From Chemistry to Medicine" and Educational Fair on "GLP and Laboratory Safety: New Approaches", Ankara, Turkey, 4 - 07 May 2009
- LVI. **Determination of Flurbiprofen in tablets by heavy atom induced room temperature phosphorescence**  
Şatana Kara H. E., Ertaş N., Günden Göğeri N.  
XXII European Conference on the Spectroscopy of Biological Molecules (ECSBM 2007), Paris, France, 1 - 06 September 2007
- LVII. **Determination of Etodolac in Pharmaceutical Tablets by Heavy Atom Induced Room Temperature**

## Phosphorescence

Şatana Kara H. E., Ertaş N., Günden Göğer N.

X National Spectroscopy Congress, İzmir, Turkey, 4 - 07 July 2007

- LVIII. **Elektrokimyasal kontrollü mikro ekstraksiyon ve elektrotermal atomik absorpsiyon spektrometrisi kullanılarak konsantre hemodiyaliz çözeltilerinde kadmiyum tayini**  
TAMER U., ERTAŞ N., PEKMEZ K., attila y.  
7th Elektrokimya Günleri, Turkey, 28 - 30 June 2006
- LIX. **Determination of Citalopram using flow injection -solid phase extraction (SPE) with spectrofluorometric detection**  
Şatana Kara H. E., Ertaş N., Günden Göğer N.  
8th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 13 - 16 June 2006
- LX. **Determination of Anthralin and Salicylic Acid in Cream Formulations by Synchronous Fluorescence Spectrometry**  
Günden Göğer N., Ertaş N.  
8th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 13 - 16 June 2006
- LXI. **Synthesis and characterization of self assembled polypyrrole nanofibers**  
TAMER U., çiğdem k., ERTAŞ N.  
4. Nanobilim ve Nanoteknoloji Konferansı (Nanotr IV), Turkey, 11 - 13 June 2006
- LXII. **Determination of Pindolol in tablet by heavy atom induced room temperature phosphorescence**  
Ertaş N., Şatana Kara H. E., Günden Göğer N.  
8th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 13 - 16 June 2006
- LXIII. **Separation of Citalopram and Desmethylocitalopram by capillary zone electrophoresis**  
Karakaya S., Çakır K., Şatana Kara H. E., Ertaş N., Günden Göğer N.  
8th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 13 - 16 June 2006
- LXIV. **Quantitative determination of Ketoprofen in gels and ampules by flow injection UV spectrophotometry**  
Özlu C., Basan H., Şatana Kara H. E., Ertaş N., Günden Göğer N.  
4th Aegean Analytical Chemistry Days, Ankara, Turkey, 29 September - 03 October 2004, pp.1-3
- LXV. **Sülfolanmış ve aşırı yükseltgenmiş polipirrol film elektrotları ile yüksek tuz içerikli sularda katyon analizi**  
TAMER U., ERTAŞ N., ŞAHİN Y., UDUM Y., PEKMEZ K., attila y.  
XVIII. Ulusal Kimya Kongresi, Turkey, 5 - 09 July 2004
- LXVI. **Electrochemical control of solid phase microextraction using conducting polymer for the analysis of ionic species**  
TAMER U., ERTAŞ N., UDUM Y., şahin y., PEKMEZ K., attila y.  
XVIII. National Chem. Symp, 5 - 09 July 2004
- LXVII. **Sülfolanmış ve aşırı yükseltgenmiş polipirrol film elektrotlarının elektrokimyasal kontrollü katı faz mikro ekstraksiyon ortamı olarak kullanılması**  
TAMER U., ŞAHİN Y., ERTAŞ N., UDUM Y., PEKMEZ K., attila y.  
V. Ulusal Kromatografi Kongresi, Turkey, 30 June - 02 July 2004
- LXVIII. **Preparation of sulfonated overoxidized polypyrrole film applicable as an SPME tool for cationic analytes**  
TAMER U., şahin y., ERTAŞ N., UDUM Y., PEKMEZ K., attila y.  
V. Ulusal Kromatografi Kongresi, Turkey, 30 June - 02 July 2004
- LXIX. **Electrochemically controlled solid phase microextraction for the analysis of cations**  
TAMER U., ERTAŞ N., ŞAHİN Y., UDUM Y., PEKMEZ K., attila y.  
Electrochemistry Days, Turkey, 11 - 13 June 2001
- LXX. **Quantitative Determination of Piroxicam in Tablets Containing Piroxicam-b Cyclodextrin by First Order Derivative Spectrophotometry**  
Orbey M. T., Basan H., Ertaş N., Günden Göğer N.  
6th European Congress of Pharmaceutical Sciences, EUFEPS 2000, Budapest, Hungary, 16 - 19 September 2000

## Supported Projects

ERTAŞ N., Akbaba T. N., Project Supported by Higher Education Institutions, Tek parçacık endüktif eşleşmiş plasmakütle spektrometrisi ile selenyum nanoparçacık karakterizasyonu ve biyolojik ortamda kantitatif tayini için yöntem geliştirilmesi, 2022 - 2025

ERTAŞ N., ALP O., Project Supported by Higher Education Institutions, Farklı yüzey değiştiricilerin selenyum nanoparçacıklarının boyutu ve kararlılığı üzerindeki etkisinin tek parçacık endüktif eşleşmiş plazma spektrometresi ile incelenmesi, 2019 - 2021

Alp O., Ertas N., Engin A. B., TUBITAK Project, Gümüş nanoparçacığa (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

Basan H., Ertas N., Yılmaz H., TUBITAK Project, Yüzeysel moleküler baskılanmış Mn doplanmış ZnS kuantum noktaları temelli fosforesans sensörünün geliştirilmesi, 2016 - 2018

Ertas N., Tamer U., Boyacı İ. H., Çetin D., TUBITAK Project, Manyetik nanopartikül ve kuantum noktacığı kullanarak mikroçip tabanlı bakteri tayini, 2013 - 2016

ERTAŞ N., Project Supported by Higher Education Institutions, Kadmiyum Tellür Kuantum Noktacıklarının Sentezi, Karakterizasyonu ve Analitik uygulamaları, 2011 - 2015

Burgaz S., Çakmak G., Ertas N., Kadioğlu E., TUBITAK Project, İçme sularında arsenik kirliliği olan bölgelerde yaşayan bireylerdeki sağlık risklerinin moleküler epidemiyolojik yöntemlerle araştırılması, 2010 - 2014

ERTAŞ N., Project Supported by Higher Education Institutions, Su numunelerinde arsenik türlerinin kapiler içi zenginleştirme yöntemleri kullanarak tayinine yönelik kapiler elektroforez ile yöntem geliştirilmesi, 2010 - 2012

ERTAŞ N., TUBITAK Project, Farmasötik formülasyonlarda rasemik karışımların tayini için iletken polimer esashi enantiomer seçimli kolon malzemesi tasarımı ve sentezi, 2007 - 2010

ERTAŞ N., Project Supported by Higher Education Institutions, Lantanid grubu elementlerin kapiler-içi deriştirme yöntemleri ve kapiler elektroforez ile duyarlı tayinine yönelik analitik yöntem geliştirilmesi (ÖN-BAP), 2006 - 2008

ERTAŞ N., Project Supported by Higher Education Institutions, Elektrokimyasal Kontrollü Sufolanmış Overoksidize Polipirol Polimer Filminin Katı Faz Mikroekstraksiyon Aparatı Olarak Kullanımı, 2005 - 2008

Ertas N., Basan H., Orbey M. T., TUBITAK Project, Dekstran bazlı hidrojellerden kalsitonin salım kinetiğinin floresans spektroskopisi ile izlenmesi, 2003 - 2006

ERTAŞ N., Project Supported by Higher Education Institutions, Tekstil ürünlerinden yapay ter çözeltilisine özütlenen kurşun ve kadmiyum elementlerinin kimyasal buhar aluştırma atomik absorpsiyon spektrofotometresi ile tayinleri için yöntem geliştirilmesi, 2003 - 2005

ERTAŞ N., Project Supported by Higher Education Institutions, Hemodializ Sularında Soğuk Buharlı Atomik Absorpsiyon Tekniğı İle Kadmiyum Tayini, 2002 - 2003

ERTAŞ N., Project Supported by Higher Education Institutions, Homodializ suyu ve kalsiyum karbonat supplementlerinde hidrür oluştırma AAS ile kurşun tayini, 2001 - 2003

ERTAŞ N., Project Supported by Higher Education Institutions, Farmasötik preparatlarda amin sol-jel mikrokolonu ve akışa enjeksiyonlu alevli atomik absorpsiyon spektrometresi ile demir yüklemesi, 2000 - 2000

## Peer Reviews in Scientific Publications

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): 1447

Citation (Scopus): 1571

H-Index (WoS): 24

H-Index (Scopus): 26

## **Invited Talks**

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

## **Non Academic Experience**

Gazi Üniversitesi, Doçent

Gazi Üniversitesi, Yardımcı Doçent

University of Texas at Austin, Araştırmacı

Gazi Üniversitesi, Öğretim Görevlisi

University of Massachusetts at Amherst, Araştırmacı

ODTÜ, Araştırma Görevlisi