

# Prof. UĞUR TAMER

## Personal Information

**Office Phone:** [+90 312 202 3110](tel:+903122023110)

**Fax Phone:** [+90 312 223 5018](tel:+903122235018)

**Email:** [utamer@gazi.edu.tr](mailto:utamer@gazi.edu.tr)

**Web:** <https://avesis.gazi.edu.tr/utamer>

## International Researcher IDs

ScholarID: tQ-BXvUAAAAJ

ORCID: 0000-0001-9989-6123

Publons / Web Of Science ResearcherID: AFS-5115-2022

ScopusID: 6603028058

Yoksis Researcher ID: 134071

## Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1999 - 2004

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1996 - 1999

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Kimya Bölümü, Turkey 1990 - 1996

## Foreign Languages

English, C1 Advanced

## Research Areas

Natural Sciences

## Academic Titles / Tasks

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

Associate Professor, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2008 - 2014

## Academic and Administrative Experience

Head of Department, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2018 - 2021

Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2016 - 2018

## Courses

General Chemistry, Undergraduate, 2021 - 2022

General Chemistry, Undergraduate, 2019 - 2020

## Advising Theses

- TAMER U., Escherichia coli tayini için yatay akış immünoassay platformlarının geliştirilmesi, Postgraduate, A.GÜMÜŞTAŞ(Student), 2019
- TAMER U., The Development Of Paper Based Microfluidic Chips; determination Of Glucose And Cancer Biomarker In Blood Matrix, Doctorate, H.Torul(Student), 2016
- TAMER U., Analysis Systems For Total Protein Assays Based On Nanoparticles, Postgraduate, M.Eryılmaz(Student), 2014
- TAMER U., NANOPARTICLE BASED SENSOR DEVELOPMENT FOR DETECTION OF BACTERIA, Postgraduate, E.TEMÜR(Student), 2010
- TAMER U., Manyetik ve optik özelliklere sahip nanopartikül sentezi ve analitik uygulamaları, Postgraduate, Y.GÜNDOĞDU(Student), 2009

## Jury Memberships

Doctoral Examination, Doctoral Examination, Erciyes University, December, 2020

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Phage probe on RAFT polymer surface for rapid enumeration of E. coli K12**  
Panhwar S., ÇELİKKAN H., Evran E., Ekiz E., ÖZKAN HÜKÜM K., ÇETİN D., SULUDERE Z., Hakki Boyaci I., TAMER U.  
Bioelectrochemistry, vol.160, 2024 (SCI-Expanded)
- II. **UV-ozone treated glass fiber based lateral flow DNA extraction platform integrated with LAMP for rapid detection of pathogen bacteria in whole blood**  
Tezcan T., Calimci M., BOYACI İ. H., TAMER U.  
Microchemical Journal, vol.206, 2024 (SCI-Expanded)
- III. **Principles, Methods, and Real-Time Applications of Bacteriophage-Based Pathogen Detection**  
Panhwar S., Keerio H. A., Ilhan H., BOYACI İ. H., TAMER U.  
Molecular Biotechnology, vol.66, no.11, pp.3059-3076, 2024 (SCI-Expanded)
- IV. **New polymer brush-coated monodisperse magnetic nanoparticles prepared via interface-mediated RAFT polymerization for high-throughput DNA extraction from pathogen bacteria**  
Özkan Hüküm K., Tezcan T., Salmanlı E., Tamer U.  
SEPARATION AND PURIFICATION TECHNOLOGY, vol.333, pp.1-10, 2024 (SCI-Expanded)
- V. **Estimation of time since deposition of semen stain on different fabric types using ATR-FTIR spectroscopy and chemometrics**  
Tastekin B., AKÇAN R., Evran E., TAMER U., ZENGİN H. Y., Yildirim M. S., BOYACI İ. H.  
Forensic science international, vol.354, pp.111885, 2024 (SCI-Expanded)
- VI. **Identification of blood at simulated crime scenes using silver nanoparticles with SERS**  
Koroğlu U., SAĞLAM N., TAMER U., AKÇAN R., BOYACI İ. H., Evran E.  
Turkish Journal of Chemistry, vol.48, no.4, pp.676-690, 2024 (SCI-Expanded)
- VII. **Microfluidic platforms based on SERS imaging and their point-of-care applications**  
TORUL H., Yıldırım E., TAMER U.  
Current Opinion in Biomedical Engineering, vol.28, 2023 (SCI-Expanded)
- VIII. **Platform-agnostic electrochemical sensing app and companion potentiostat**  
Manoharan V., Rodrigues R., Sadati S., Swann M. J., Freeman N., Du B., YILDIRIM E., TAMER U., Arvanitis T. N., Isakov D., et al.  
Analyst, vol.148, no.19, pp.4857-4868, 2023 (SCI-Expanded)
- IX. **The effect of silencing the Tip60 gene on the response to radiotherapy in breast cancer cells**  
SALİHOĞLU E., KARAHALİL B., Eşmakaya M. A., TAMER U., Yardim-Akaydin S.  
BREAST, vol.69, pp.507-512, 2023 (SCI-Expanded)

- X. **A simple gradient centrifugation method for bacteria detection in skim milk**  
Rodoplu Solovchuk D., BOYACI İ. H., TAMER U., ŞAHİNER N., ÇETİN D.  
Microchemical Journal, vol.189, 2023 (SCI-Expanded)
- XI. **Microfluidic-based blood immunoassays**  
TORUL H., Arslan Z. Ç., Tezcan T., Kayış E. Ç., Çalınacı M., Gumustas A., YILDIRIM E., KÜLAH H., TAMER U.  
Journal of Pharmaceutical and Biomedical Analysis, vol.228, 2023 (SCI-Expanded)
- XII. **Overcoming obstacles: Analysis of blood and semen stains washed with different chemicals with ATR-FTIR**  
YILDIRIM M. Ş., AKÇAN R., ARAS S., TAMER U., EVRAN E., TAŞTEKİN B., AYDOĞAN C., BOYACI İ. H.  
Forensic Science International, vol.344, 2023 (SCI-Expanded)
- XIII. **Photo- and pH-Responsive Hybrid Colloidal Particles**  
Mutlutürk E., TAMER U., Caykara T.  
ChemistrySelect, vol.8, no.6, 2023 (SCI-Expanded)
- XIV. **Direct impedimetric detection of exosomes and practical application in urine**  
Sazaklioglu S. A., TORUL H., VATANSEVER H. S., TAMER U., ÇELİKKAN H.  
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.53, no.1, pp.29-38, 2023 (SCI-Expanded)
- XV. **Cytotoxic, apoptotic and necrotic effects of starch coated copper nanoparticles on Capan 1 pancreatic cancer cells**  
İLBASMIŞ TAMER S., Turk M., Evran Ş., BOYACI İ. H., Ciftci H., TAMER U.  
Journal of Drug Delivery Science and Technology, vol.79, 2023 (SCI-Expanded)
- XVI. **An ECL sensor combined with a paper electrode for the determination of phenylalanine**  
Torul H., Kayis E. C., Boyacı İ. H., Tamer U.  
ANALYST, vol.147, no.21, pp.4866-4875, 2022 (SCI-Expanded)
- XVII. **Paper-based electrochemiluminescence gas sensor**  
Torul H., Durak M., Boyacı İ. H., Tamer U.  
ELECTROCHIMICA ACTA, vol.426, 2022 (SCI-Expanded)
- XVIII. **Escherichia coli Enumeration in a Capillary-Driven Microfluidic Chip with SERS**  
Dogan U., Sucularli F., YILDIRIM E., ÇETİN D., SULUDERE Z., BOYACI İ. H., TAMER U.  
BIOSENSORS-BASEL, vol.12, no.9, 2022 (SCI-Expanded)
- XIX. **Assessment of laser induced breakdown spectroscopy as a tool for analysis of butter adulteration**  
TEMİZ H. T., Sezer B., BERKKAN A., TAMER U., BOYACI İ. H.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.67, pp.48-54, 2018 (SCI-Expanded)
- XX. **Paper based lateral flow immunoassay for the enumeration of Escherichia coli in urine**  
Gumustas A., ÇAĞLAYAN M. G., ERYILMAZ M., Suludere Z., ACAR SOYKUT E., USLU B., BOYACI İ. H., TAMER U.  
ANALYTICAL METHODS, vol.10, no.10, pp.1213-1218, 2018 (SCI-Expanded)
- XXI. **Quantification and spatial distribution of salicylic acid in film tablets using FT-Raman mapping with multivariate curve resolution**  
Eksi-Kocak H., İLBASMIŞ TAMER S., Yilmaz S., ERYILMAZ M., Boyaci I. H., TAMER U.  
ASIAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.13, no.2, pp.155-162, 2018 (SCI-Expanded)
- XXII. **A rapid tool for determination of titanium dioxide content in white chickpea samples**  
Sezer B., Bilge G., BERKKAN A., TAMER U., BOYACI İ. H.  
FOOD CHEMISTRY, vol.240, pp.84-89, 2018 (SCI-Expanded)
- XXIII. **Detection and quantification of a toxic salt substitute (LiCl) by using laser induced breakdown spectroscopy (LISS)**  
Sezer B., VELİOĞLU H. M., Bilge G., BERKKAN A., Ozdinc N., TAMER U., BOYACI İ. H.  
MEAT SCIENCE, vol.135, pp.123-128, 2018 (SCI-Expanded)
- XXIV. **Nanostructured organic semiconductor films for molecular detection with surface-enhanced Raman spectroscopy**  
YILMAZ M., Babur E., Ozdemir M., Giesecking R. L., DEDE Y., TAMER U., Schatz G. C., Facchetti A., USTA H., DEMİREL G.  
NATURE MATERIALS, vol.16, no.9, pp.918-925, 2017 (SCI-Expanded)
- XXV. **Synchronous fluorescence spectroscopy for determination of tahini adulteration**

- TEMİZ H. T., TAMER U., BERKCAN A., BOYACI İ. H.  
TALANTA, vol.167, pp.557-562, 2017 (SCI-Expanded)
- XXVI. **SERS detection of hepatitis B virus DNA in a temperature-responsive sandwich-hybridization assay**  
Zengin A., TAMER U., ÇAYKARA T.  
JOURNAL OF RAMAN SPECTROSCOPY, vol.48, no.5, pp.668-672, 2017 (SCI-Expanded)
- XXVII. **Rapid quantification of total protein with surface-enhanced Raman spectroscopy using o-phthalaldehyde**  
ERYILMAZ M., Zengin A., BOYACI İ. H., TAMER U.  
JOURNAL OF RAMAN SPECTROSCOPY, vol.48, no.5, pp.653-658, 2017 (SCI-Expanded)
- XXVIII. **Fabrication of SERS active gold nanorods using benzalkonium chloride, and their application to an immunoassay for potato virus X**  
ÇAĞLAYAN M. G., Kasap E., ÇETİN D., Suludere Z., TAMER U.  
MICROCHIMICA ACTA, vol.184, no.4, pp.1059-1067, 2017 (SCI-Expanded)
- XXIX. **Nanoparticle embedded chitosan film for agglomeration free TEM images**  
DOĞAN Ü., ÇİFTÇİ H., ÇETİN D., Suludere Z., TAMER U.  
MICROSCOPY RESEARCH AND TECHNIQUE, vol.80, no.2, pp.163-166, 2017 (SCI-Expanded)
- XXX. **The comparison of antioxidant capacity and cytotoxic, anticarcinogenic, and genotoxic effects of Fe@Au nanosphere magnetic nanoparticles**  
Yegenoglu H., Aslim B., Guven B., Zengin A., Boyacı İ. H., Suludere Z., Tamer U.  
TURKISH JOURNAL OF BIOLOGY, vol.41, no.2, pp.302-313, 2017 (SCI-Expanded)
- XXXI. **Surface-enhanced Raman spectroscopy combined with gold nanorods for the simultaneous quantification of nitramine energetic materials**  
Güven B., ERYILMAZ M., Uzer A., BOYACI İ. H., TAMER U., Apak R.  
RSC ADVANCES, vol.7, no.59, pp.37039-37047, 2017 (SCI-Expanded)
- XXXII. **Multiwalled Carbon Nanotube-Chitosan Scaffold: Cytotoxic, Apoptotic and Necrotic Effects on Chondrocyte Cell Lines**  
İLBASMIŞ TAMER S., ÇİFTÇİ H., TÜRK M., Degim T., TAMER U.  
CURRENT PHARMACEUTICAL BIOTECHNOLOGY, vol.18, no.4, pp.327-335, 2017 (SCI-Expanded)
- XXXIII. **Enhanced Raman spectroscopy coupled to chemometrics for identification and quantification of acetylcholinesterase inhibitors**  
El Alami A., Lagarde F., TAMER U., Baitoul M., Daniel P.  
VIBRATIONAL SPECTROSCOPY, vol.87, pp.27-33, 2016 (SCI-Expanded)
- XXXIV. **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)
- XXXV. **Urinary cotinine levels of electronic cigarette (e-cigarette) users**  
Goney G., ÇOK İ., Tamer U., BURGAZ S., Sengezer T.  
TOXICOLOGY MECHANISMS AND METHODS, vol.26, no.6, pp.414-418, 2016 (SCI-Expanded)
- XXXVI. **Non-enzymatic sensing of glucose using a glassy carbon electrode modified with gold nanoparticles coated with polyethyleneimine and 3-aminophenylboronic acid**  
ÇİFTÇİ H., ALVER E., Celik F., METİN A. Ü., TAMER U.  
MICROCHIMICA ACTA, vol.183, no.4, pp.1479-1486, 2016 (SCI-Expanded)
- XXXVII. **Comparison between traditional-SERS and RCA-SERS assays for 35S promoter gene detection**  
Güven B., Boyacı I., TAMER U., ACAR SOYKUT E.  
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.251, 2016 (SCI-Expanded)
- XXXVIII. **Paper membrane-based SERS platform for the determination of glucose in blood samples**  
Torul H., Çiftçi H., Çetin D., Suludere Z., Boyacı İ. H., Tamer U.  
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.407, no.27, pp.8243-8251, 2015 (SCI-Expanded)
- XXXIX. **Micro-/Nanostructured Highly Crystalline Organic Semiconductor Films for Surface-Enhanced Raman Spectroscopy Applications**

YILMAZ M., Ozdemir M., Erdogan H., TAMER U., Sen U., Facchetti A., USTA H., DEMİREL G.  
ADVANCED FUNCTIONAL MATERIALS, vol.25, no.35, pp.5669-5676, 2015 (SCI-Expanded)

- XL. **SERS-based assays for sensitive detection of modafinil**  
Çağlayan M. G., Torul H., Onur F., Tamer U.  
JOURNAL OF RAMAN SPECTROSCOPY, vol.46, no.9, pp.802-806, 2015 (SCI-Expanded)
- XLI. **Analysis of bakery products by laser-induced breakdown spectroscopy**  
Bilge G., BOYACI İ. H., ESELLER K. E., TAMER U., ÇAKIR S.  
FOOD CHEMISTRY, vol.181, pp.186-190, 2015 (SCI-Expanded)
- XLII. **A new plasmonic device made of gold nanoparticles and temperature responsive polymer brush on a silicon substrate**  
Zengin A., TAMER U., ÇAYKARA T.  
JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol.448, pp.215-221, 2015 (SCI-Expanded)
- XLIII. **Development of rolling circle amplification based surface-enhanced Raman spectroscopy method for 35S promoter gene detection**  
Güven B., BOYACI İ. H., TAMER U., ACAR SOYKUT E., DOĞAN Ü.  
TALANTA, vol.136, pp.68-74, 2015 (SCI-Expanded)
- XLIV. **Cathodic electrochemical deposition of Magneli phases  $TiO_{2n-1}$  thin films at different temperatures in acetonitrile solution**  
ERTEKİN Z., TAMER U., PEKMEZ K.  
ELECTROCHIMICA ACTA, vol.163, pp.77-81, 2015 (SCI-Expanded)
- XLV. **Spectroscopic detection of aspartame in soft drinks by surface-enhanced Raman spectroscopy**  
Buyukgoz G. G., Bozkurt A. G., BAŞARAN AKGÜL N., TAMER U., BOYACI İ. H.  
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.240, no.3, pp.567-575, 2015 (SCI-Expanded)
- XLVI. **Quantitative Characterization of Magnetic Mobility of Nanoparticle in Solution-Based Condition**  
Rodoplu D., BOYACI İ. H., Bozkurt A. G., Eksi H., Zengin A., TAMER U., AYDOĞAN N., ÖZCAN Ş., TUĞCU DEMİRÖZ F. N.  
CURRENT PHARMACEUTICAL DESIGN, vol.21, no.37, pp.5389-5400, 2015 (SCI-Expanded)
- XLVII. **Monosodium glutamate in chicken and beef stock cubes using high-performance liquid chromatography**  
Demirhan B., Demirhan B., Sonmez C., Torul H., Tamer U., Yentur G.  
Food Additives and Contaminants: Part B Surveillance, vol.8, no.1, pp.63-66, 2015 (SCI-Expanded)
- XLVIII. **Fabrication of a SERS based aptasensor for detection of ricin B toxin**  
Zengin A., TAMER U., ÇAYKARA T.  
JOURNAL OF MATERIALS CHEMISTRY B, vol.3, no.2, pp.306-315, 2015 (SCI-Expanded)
- XLIX. **Designing multilayered nanoplatforms for SERS-based detection of genetically modified organisms**  
Uluok S., Güven B., Eksi H., ÜSTÜNDAĞ Z., TAMER U., BOYACI İ. H.  
JOURNAL OF NANOPARTICLE RESEARCH, vol.17, no.1, 2015 (SCI-Expanded)
- L. **Electrochemical biosensor based on glucose oxidase encapsulated within enzymatically synthesized poly(1,10-phenanthroline-5,6-dione)**  
ÇİFTÇİ H., Oztekin Y., TAMER U., Ramanaviciene A., Ramanavicius A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.123, pp.685-691, 2014 (SCI-Expanded)
- LI. **High-yield aqueous synthesis of multi-branched iron oxide core-gold shell nanoparticles: SERS substrate for immobilization and magnetic separation of bacteria**  
TAMER U., Onay A., ÇİFTÇİ H., Bozkurt A. G., ÇETİN D., Suludere Z., BOYACI İ. H., Daniel P., Lagarde F., Yaacoub N., et al.  
JOURNAL OF NANOPARTICLE RESEARCH, vol.16, no.10, 2014 (SCI-Expanded)
- LII. **Large area uniform deposition of silver nanoparticles through bio-inspired polydopamine coating on silicon nanowire arrays for practical SERS applications**  
Akin M. S., YILMAZ M., Babur E., Ozdemir B., Erdogan H., TAMER U., DEMİREL G.  
JOURNAL OF MATERIALS CHEMISTRY B, vol.2, no.30, pp.4894-4900, 2014 (SCI-Expanded)
- LIII. **Anisotropic core-shell  $Fe_3O_4@Au$  magnetic nanoparticles and the effect of the immunomagnetic separation volume on the capture efficiency**

Zengin A., Bozkurt A., BOYACI İ. H., ÖZCAN Ş., Daniel P., Lagarde F., Gibaud A., ÇETİN D., Suludere Z., Guttman P., et al.

PURE AND APPLIED CHEMISTRY, vol.86, no.6, pp.967-978, 2014 (SCI-Expanded)

- LIV. **A rapid method for determination of the origin of meat and meat products based on the extracted fat spectra by using of Raman spectroscopy and chemometric method**  
BOYACI İ. H., Uysal R. S., Temiz T., Shendi E. G., Yadegari R. J., Rishkan M. M., VELİOĞLU H. M., TAMER U., SİVRİ ÖZAY D., VURAL H.  
EUROPEAN FOOD RESEARCH AND TECHNOLOGY, vol.238, no.5, pp.845-852, 2014 (SCI-Expanded)
- LV. **Electrochemical copper (II) sensor based on chitosan covered gold nanoparticles**  
ÇİFTÇİ H., TAMER U., METİN A. Ü., ALVER E., Kizir N.  
JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.44, no.5, pp.563-571, 2014 (SCI-Expanded)
- LVI. **Extremely sensitive sandwich assay of kanamycin using surface-enhanced Raman scattering of 2-mercaptobenzothiazole labeled gold@silver nanoparticles**  
Zengin A., TAMER U., ÇAYKARA T.  
ANALYTICA CHIMICA ACTA, vol.817, pp.33-41, 2014 (SCI-Expanded)
- LVII. **SERS-based direct and sandwich assay methods for mir-21 detection**  
Güven B., DUDAK ŞEKER F. C., BOYACI İ. H., TAMER U., Özsoz M.  
ANALYST, vol.139, no.5, pp.1141-1147, 2014 (SCI-Expanded)
- LVIII. **Combining 3-D plasmonic gold nanorod arrays with colloidal nanoparticles as a versatile concept for reliable, sensitive, and selective molecular detection by SERS**  
YILMAZ M., Senlik E., Biskin E., YAVUZ M. S., TAMER U., DEMİREL G.  
PHYSICAL CHEMISTRY CHEMICAL PHYSICS, vol.16, no.12, pp.5563-5570, 2014 (SCI-Expanded)
- LIX. **Glucose determination based on a two component self-assembled monolayer functionalized surface-enhanced Raman spectroscopy (SERS) probe**  
Torul H., Çiftçi H., Dudak Şeker F. C., Adigüzel Y., KÜLAH H., Boyacı İ. H., Tamer U.  
ANALYTICAL METHODS, vol.6, no.14, pp.5097-5104, 2014 (SCI-Expanded)
- LX. **Determination of butter adulteration with margarine using Raman spectroscopy**  
Uysal R. S., BOYACI İ. H., Genis H. E., TAMER U.  
FOOD CHEMISTRY, vol.141, no.4, pp.4397-4403, 2013 (SCI-Expanded)
- LXI. **Fabrication and characterization of gold-nanoparticles/chitosan film: a scaffold for L929-fibroblasts**  
TÜRK M., TAMER U., ALVER E., ÇİFTÇİ H., METİN A. Ü., KARAHAN S.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.41, no.6, pp.395-401, 2013 (SCI-Expanded)
- LXII. **Surface enhanced Raman spectroscopy as a new spectral technique for quantitative detection of metal ions**  
TEMİZ H. T., BOYACI İ. H., Grabchev I., TAMER U.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.116, pp.339-347, 2013 (SCI-Expanded)
- LXIII. **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 Göğür N., ÇOK İ., Tamer U., ERTAŞ N.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.36, no.20, pp.2855-2870, 2013 (SCI-Expanded)
- LXIV. **A novel glucose biosensor platform based on Ag@AuNPs modified graphene oxide nanocomposite and SERS application**  
Gupta V. K., Atar N., Yola M. L., Eryılmaz M., Torul H., Tamer U., Boyacı İ. H., ÜSTÜNDAĞ Z.  
JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol.406, pp.231-237, 2013 (SCI-Expanded)
- LXV. **A SERS-Based Sandwich Assay for Ultrasensitive and Selective Detection of Alzheimer's Tau Protein**  
Zengin A., TAMER U., ÇAYKARA T.  
BIOMACROMOLECULES, vol.14, no.9, pp.3001-3009, 2013 (SCI-Expanded)
- LXVI. **Synthesis of superparamagnetic and thermoresponsive hybrid nanoparticles via surface-mediated**

**RAFT polymerization of di(ethylene glycol) ethyl ether acrylate and (oligoethylene glycol) methyl ether acrylate**

Zengin A., TAMER U., ÇAYKARA T.

JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.51, no.16, pp.3420-3428, 2013 (SCI-Expanded)

- LXVII. **Magnetic gold nanoparticles in SERS-based sandwich immunoassay for antigen detection by well oriented antibodies**  
Baniukevic J., BOYACI İ. H., Bozkurt A. G., TAMER U., Ramanavicius A., Ramanaviciene A.  
BIOSENSORS & BIOELECTRONICS, vol.43, pp.281-288, 2013 (SCI-Expanded)
- LXVIII. **Gold-Coated Iron Composite Nanospheres Targeted the Detection of Escherichia coli**  
Tamer U., Çetin D., Suludere Z., Boyacı İ. H., Temiz H. T., Yegenoglu H., Daniel P., Dinçer İ., Elerman Y.  
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.14, no.3, pp.6223-6240, 2013 (SCI-Expanded)
- LXIX. **An enzyme free potentiometric detection of glucose based on a conducting polymer poly (3-aminophenyl boronic acid-co-3-octylthiophene)**  
ÇİFTÇİ H., TAMER U., Sen Teker M., Pekmez N. O.  
ELECTROCHIMICA ACTA, vol.90, pp.358-365, 2013 (SCI-Expanded)
- LXX. **Rapid analysis of sugars in honey by processing Raman spectrum using chemometric methods and artificial neural networks**  
Ozbalci B., BOYACI İ. H., TOPCU A., KADILAR C., TAMER U.  
FOOD CHEMISTRY, vol.136, pp.1444-1452, 2013 (SCI-Expanded)
- LXXI. **Molecularly imprinted superparamagnetic iron oxide nanoparticles for rapid enrichment and separation of cholesterol**  
Zengin A., YILDİRİM E., TAMER U., ÇAYKARA T.  
ANALYST, vol.138, no.23, pp.7238-7245, 2013 (SCI-Expanded)
- LXXII. **Silver nanoparticles: cytotoxic, apoptotic, and necrotic effects on MCF-7 cells**  
ÇİFTÇİ H., TÜRK M., TAMER U., KARAHAN S., MENEMEN Y.  
TURKISH JOURNAL OF BIOLOGY, vol.37, no.5, pp.573-581, 2013 (SCI-Expanded)
- LXXIII. **Attomole Sensitivity of Staphylococcal Enterotoxin B Detection Using an Aptamer-Modified Surface-Enhanced Raman Scattering Probe**  
Temur E., Zengin A., BOYACI İ. H., DUDAK ŞEKER F. C., TORUL H., TAMER U.  
ANALYTICAL CHEMISTRY, vol.84, no.24, pp.10600-10606, 2012 (SCI-Expanded)
- LXXIV. **A novel method for quantification of ethanol and methanol in distilled alcoholic beverages using Raman spectroscopy**  
BOYACI İ. H., Genis H. E., Guven B., TAMER U., Alper N.  
JOURNAL OF RAMAN SPECTROSCOPY, vol.43, no.8, pp.1171-1176, 2012 (SCI-Expanded)
- LXXV. **Comparison of sensing strategies in SPR biosensor for rapid and sensitive enumeration of bacteria**  
Torun O., BOYACI İ. H., Temur E., TAMER U.  
BIOSENSORS & BIOELECTRONICS, vol.37, no.1, pp.53-60, 2012 (SCI-Expanded)
- LXXVI. **Fabrication and characterization of poly(vinylferrocenium) perchlorate/poly(3,4-ethylenedioxythiophene) composite-coated electrode in methylene chloride**  
Sen Teker M., TAMER U., Pekmez N. O.  
SYNTHETIC METALS, vol.162, pp.924-930, 2012 (SCI-Expanded)
- LXXVII. **Detection of melamine in milk by surface-enhanced Raman spectroscopy coupled with magnetic and Raman-labeled nanoparticles**  
KARAÇAĞLAR N. N., BOYACI İ. H., TOPCU A., TAMER U.  
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.403, no.7, pp.2009-2017, 2012 (SCI-Expanded)
- LXXVIII. **Isotropic and anisotropic dipeptide films based on gas phase deposition**  
DEMİREL G., TAMER U.  
NANOTECHNOLOGY, vol.23, no.22, 2012 (SCI-Expanded)
- LXXIX. **Carbon nanotubes/alizarin red S-poly(vinylferrocene) modified glassy carbon electrode for selective determination of dopamine in the presence of ascorbic acid**

Sen M., TAMER U., Pekmez N. O.

JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.16, no.2, pp.457-463, 2012 (SCI-Expanded)

- LXXX. **Functional gold nanorod particles on conducting polymer poly(3-octylthiophene) as non-enzymatic glucose sensor**  
ÇİFTÇİ H., TAMER U.  
REACTIVE & FUNCTIONAL POLYMERS, vol.72, no.2, pp.127-132, 2012 (SCI-Expanded)
- LXXXI. **Ultrasensitive and selective homogeneous sandwich immunoassay detection by Surface Enhanced Raman Scattering (SERS)**  
Pekdemir M. E., Erturk D., KÜLAH H., BOYACI İ. H., ÖZGEN C., TAMER U.  
ANALYST, vol.137, no.20, pp.4834-4840, 2012 (SCI-Expanded)
- LXXXII. **A rapid method for detection of genetically modified organisms based on magnetic separation and surface-enhanced Raman scattering**  
Güven B., BOYACI İ. H., TAMER U., ÇALIK P.  
ANALYST, vol.137, no.1, pp.202-208, 2012 (SCI-Expanded)
- LXXXIII. **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)
- LXXXIV. **Fabrication of magnetic gold nanorod particles for immunomagnetic separation and SERS application**  
TAMER U., BOYACI İ. H., Temur E., Zengin A., DİNÇER İ., Elerman Y.  
JOURNAL OF NANOPARTICLE RESEARCH, vol.13, no.8, pp.3167-3176, 2011 (SCI-Expanded)
- LXXXV. **Determination of Enantiomers of Atenolol and Propranolol in Pharmaceutical Formulations by HPLC**  
Torul H., Tamer U.  
JOURNAL OF AOAC INTERNATIONAL, vol.94, no.3, pp.833-838, 2011 (SCI-Expanded)
- LXXXVI. **Electrochemical determination of iodide by poly(3-aminophenylboronic acid) film electrode at moderately low pH ranges**  
ÇİFTÇİ H., TAMER U.  
ANALYTICA CHIMICA ACTA, vol.687, no.2, pp.137-140, 2011 (SCI-Expanded)
- LXXXVII. **Quantification of genistein and daidzein in two endemic Genista species and their antioxidant activity**  
ERDOĞAN ORHAN İ., Tosun F., TAMER U., DURAN A., Alan B., Kok A. F.  
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.76, no.1, pp.35-42, 2011 (SCI-Expanded)
- LXXXVIII. **SERS-based sandwich immunoassay using antibody coated magnetic nanoparticles for Escherichia coli enumeration**  
Güven B., Basaran-Akgul N., Temur E., TAMER U., BOYACI İ. H.  
ANALYST, vol.136, no.4, pp.740-748, 2011 (SCI-Expanded)
- LXXXIX. **A high sensitive assay platform based on surface-enhanced Raman scattering for quantification of protease activity**  
KARAÇAĞLAR N. N., BOYACI İ. H., Temur E., TAMER U., TOPCU A.  
TALANTA, vol.82, no.2, pp.631-639, 2010 (SCI-Expanded)
- XC. **Amperometric enzyme electrode for glucose determination based on poly(pyrrole-2-aminobenzoic acid)**  
BERKKAN A., Seckin A. I., PEKMEZ K., TAMER U.  
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, vol.14, no.6, pp.975-980, 2010 (SCI-Expanded)
- XCI. **A highly sensitive detection platform based on surface-enhanced Raman scattering for Escherichia coli enumeration**  
Temur E., BOYACI İ. H., TAMER U., Unsal H., AYDOĞAN N.  
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, vol.397, no.4, pp.1595-1604, 2010 (SCI-Expanded)
- XCII. **Synthesis of magnetic core-shell Fe<sub>3</sub>O<sub>4</sub>-Au nanoparticle for biomolecule immobilization and detection**  
TAMER U., Gundogdu Y., BOYACI İ. H., PEKMEZ K.



- JOURNAL OF NANOPARTICLE RESEARCH, vol.12, no.4, pp.1187-1196, 2010 (SCI-Expanded)
- XCIII. **Cholesterol-reducer, antioxidant and liver protective effects of *Thymbra spicata* L. var. *spicata***  
AKKOL E., Avci G., KÜÇÜKKURT İ., KELEŞ H., TAMER U., İNCE S., YEŞİLADA E.  
JOURNAL OF ETHNOPHARMACOLOGY, vol.126, no.2, pp.314-319, 2009 (SCI-Expanded)
- XCIV. **Thermodynamic analysis of the interaction between 3-aminophenylboronic acid and monosaccharides for development of biosensor**  
Torun O., DUDAK ŞEKER F. C., Bas D., TAMER U., BOYACI İ. H.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.140, no.2, pp.597-602, 2009 (SCI-Expanded)
- XCV. **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)
- XCVI. **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)
- XCVII. **Toxicity of *Heliotropium dolosum*, *Heliotropium circinatum*, and *Senecio vernalis* in Parental Quail and Their Progeny, with Residue Evaluation of Eggs**  
ERÖKSÜZ Y., ÇERİBAŞI A. O., ÇEVİK A., ERÖKSÜZ H., Tosun F., TAMER U.  
TURKISH JOURNAL OF VETERINARY & ANIMAL SCIENCES, vol.32, no.6, pp.475-482, 2008 (SCI-Expanded)
- XCVIII. **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)
- XCIX. **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)
- C. **Electrosynthesis of benzoquinone from phenol on alpha and beta surfaces of PbO<sub>2</sub>**  
Abaci S., TAMER U., Pekmez K., Yildiz A.  
ELECTROCHIMICA ACTA, vol.50, no.18, pp.3655-3659, 2005 (SCI-Expanded)
- CI. **Performance of different crystal structures of PbO<sub>2</sub> on electrochemical degradation of phenol in aqueous solution**  
Abaci S., TAMER U., Pekmez K., Yildiz A.  
APPLIED SURFACE SCIENCE, vol.240, pp.112-119, 2005 (SCI-Expanded)
- CII. **Electrochemically aided control of solid phase micro-extraction (EASPM) using conducting polymer-coated solid substrates applicable to neutral analytes**  
TAMER U., Yates B., Galal A., Gbatu T., LaRue R., Schmiesing C., Temsamani K., Ceylan O., Mark H.  
MICROCHIMICA ACTA, vol.143, pp.205-215, 2003 (SCI-Expanded)
- CIII. **Toxicity of dietary *Heliotropium circinatum* to rats**  
Eroksuz H., Eroksuz Y., Ozer H., Ceribasi A., Tosun F., Tamer U., Kizilay C.  
VETERINARY AND HUMAN TOXICOLOGY, vol.45, no.4, pp.198-201, 2003 (SCI-Expanded)
- CIV. **Toxicity of *Senecio vernalis* to laying hens and evaluation of residues in eggs**  
Eroksuz H., Eroksuz Y., Ozer H., Yaman I., Tosun F., Kizilay C., Tamer U.  
VETERINARY AND HUMAN TOXICOLOGY, vol.45, no.2, pp.76-80, 2003 (SCI-Expanded)
- CV. **Adsorptive stripping voltammetric determination of aluminium in haemodialysis samples**  
Tamer U., Pekmez N., Yildiz A.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.11, pp.1087-1090, 2002 (SCI-Expanded)
- CVI. **Voltammetric determination of cilazapril in pharmaceutical formulations**  
TAMER U., ÖZÇİÇEK N., Atay O., Yildiz A.  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.29, pp.43-50, 2002 (SCI-Expanded)
- CVII. **Electrosynthesis of 4,4'-dinitroazobenzene on PbO<sub>2</sub> electrodes**

Abaci S., Tamer U., Pekmez K., Yildiz A.

JOURNAL OF APPLIED ELECTROCHEMISTRY, vol.32, no.2, pp.193-196, 2002 (SCI-Expanded)

CVIII. **Determination of cilazapril and hydrochlorothiazide in pharmaceuticals by high performance liquid chromatography**

Atay O., TAMER U., ARIKAN D.

ANALYTICAL LETTERS, vol.34, no.7, pp.1153-1161, 2001 (SCI-Expanded)

CIX. **The comparative studies on phenylpropanoid glycosides of Viscum album subspecies by high performance liquid chromatography**

Deliorman D., Calis I., Ergun F., Tamer U.

JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.22, no.20, pp.3101-3114, 1999 (SCI-Expanded)

CX. **The Comparative Studies on Phenylpropanoid Glycosides of Viscum album Subspecies by High Performance Liquid Chromatography**

Deliorman Orhan D., Ergun F., Yeşilada E., Tamer U.

JOURNAL OF LIQUID CHROMATOGRAPHY, vol.22, no.20, pp.3101-3114, 1999 (SCI-Expanded)

## Articles Published in Other Journals

I. **Identification of Pure and Mixed Urine Stains Through Surface Enhanced Raman Spectroscopy Using Gold Nanorods & Silver Nanoparticles**

KÖROĞLU U., SAĞLAM N., TAMER U., TAMER U., AKÇAN R.

Politeknik Dergisi, vol.27, no.4, pp.1335-1343, 2024 (ESCI)

II. **Calibration Curve Approaches for Nonlinear Data Points Obtained in Colo 320 Exosomes Determination**

Sazaklioglu S. A., TORUL H., Kabadayi H., Vatansever H. S., TAMER U., ÇELİKKAN H.

Analytical and Bioanalytical Electrochemistry, vol.14, no.11, pp.1027-1043, 2022 (ESCI)

III. **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)

IV. **Evaluation of Resistance Determinants and Clonal Relationship of Extended Spectrum Beta Lactamase Positive Gram Negative Strains by PCR and Raman Spectrophotometry**

TARHAN G., Demir T., TAMER U., ERYILMAZ M., DADALI M.

Advances in Biotechnology & Microbiology, 2016 (Peer-Reviewed Journal)

V. **Evaluation of Resistance Determinants and Clonal Relationship of Extended Spectrum Beta Lactamase Positive Gram Negative Bacterial Strains by PCR and Raman Spectrophotometry**

TARHAN G., Demir T., TAMER U., ERYILMAZ M., DADALI M.

Advances in Biotechnology & Microbiology, 2016 (Peer-Reviewed Journal)

VI. **Investigation of eluted monomers from resin based root canal sealer by high performance liquid chromatography analysis**

Ömürlü H., Deniz Arisu H., Eligüzeloğlu Dalkılıç E., Tamer U., Torul H.

European Journal of Dentistry, vol.10, no.1, pp.92, 2016 (Scopus)

VII. **Sudden developing convulsion during interscalene block: Does propofol anesthesia diminish plasma bupivacaine level?**

Gungor İ., Akbas B., Kaya K., Celebi H., TAMER U.

AGRI-THE JOURNAL OF THE TURKISH SOCIETY OF ALGOLOGY, vol.27, no.1, pp.54-57, 2015 (ESCI)

VIII. **Quantitative determination of isoflavones by HPLC UV method and antioxidant activity of Trifolium longidentatum**

TAMER U., ADIGÜZEL N., aysegül g., KÜÇÜKBOYACI N., özlem i., TORUL H., BANİ B.

Turk J. Pharm. Sci., vol.11, no.2, pp.185-194, 2014 (Peer-Reviewed Journal)

IX. **Quantitative Determination of Isoflavones by HPLC-UV Method and Antioxidant Activity of Trifolium**

## **longidentatum**

Küçükboyacı N., Özlem I., Torul H., Tamer U., Adıgüzel N., Bani B., Ayşegül G.  
Turk J. Pharm. Sci., vol.11, no.2, pp.185-194, 2013 (Peer-Reviewed Journal)

- X. **Gıda Patojenlerinin Tanısında Kullanılan NanoBoyutlu İmmünoşensör Tasarımı**  
Yeğenoğlu H., Aslım B., Tamer U.  
Nevşehir Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.2, no.1, pp.58-68, 2013 (Peer-Reviewed Journal)
- XI. **Zn II and Cu II halide complexes of poly propylene amine dendrimer analysed by infrared and Raman spectroscopies**  
grabchev ı., BOYACI İ. H., TAMER U., ivon p.  
International Journal of Inorganic Chemistry 2013, vol.895956, pp.1-7, 2013 (Peer-Reviewed Journal)
- XII. **Nano sized structures for the detection of food components and contaminants**  
DUDAK ŞEKER F. C., bas d., BAŞARAN AKGÜL N., TAMER U., BOYACI İ. H.  
Frontiers of Bioscience, Elite Edition, vol.3, no.3, pp.1109-1127, 2011 (Peer-Reviewed Journal)
- XIII. **Fabrication of Biosensor Based on Polyaniline Gold Nanorod Composite**  
Tamer U., Seckın A. I., Temur E., Torul H.  
International Journal of Electrochemistry, vol.2011, pp.1-7, 2011 (ESCI)
- XIV. **Attomole Detection of Glyphosate by Surface Enhanced Raman Spectroscopy Using Gold Nanorods**  
Torul H., Boyacı İ. H., Tamer U.  
FABAD J. Pharm. Sci., vol.35, pp.179-184, 2010 (Peer-Reviewed Journal)
- XV. **Attomole Detection of Glyphosate by Surface Enhanced Raman Spectroscopy Using Gold Nanorods**  
**35 2 12 2010**  
TORUL H., BOYACI İ. H., TAMER U.  
FABAD J. Pharm. Sci., vol.35, pp.2-12, 2010 (Peer-Reviewed Journal)
- XVI. **Akne Rozasea li hastalarda göz yaşı fonksiyonları ve meibomian bezinin lipid yapısının incelenmesi**  
evren ö., KARCI A., ERDOĞAN ORHAN İ., TAMER U., ŞENER B., gürsel e.  
T. Oft. Gaz., vol.36, pp.450-456, 2006 (Peer-Reviewed Journal)
- XVII. **Determination of pyrrolizidine alkaloids in the seed of heliotropium europaeum by GC MS**  
TOSUN F., TAMER U.  
Journal of Faculty of Pharmacy of Ankara University, vol.33, no.1, pp.7-9, 2004 (Peer-Reviewed Journal)
- XVIII. **Quantitative Determination of Hydrochlorothiazide and Benazepril HCl in Pharmaceuticals Using Spectrophotometry and High Performance Liquid Chromatography**  
çakır b., atay o., TAMER U.  
J. Fac. Pharm. Gazi, vol.17, no.1, pp.43-52, 2000 (Peer-Reviewed Journal)
- XIX. **Administration of Anticonvulsant Drugs by the Intraperitoneal Route**  
TAMER U., düNDARÖZ R., SIZLAN A., YAŞAR M., DENLİ M.  
J. Fac. Med. SDU, vol.6, no.3, pp.62-69, 1999 (Peer-Reviewed Journal)

## **Books & Book Chapters**

### **I. Türk Farmakopesi**

TUNÇBİLEK M., YEŞİLADA A., BALKAN A., TOZKOPARAN B., PALASKA E., ÖZKANLI F., KÜÇÜKGÜZEL İ., GÖKHAN KELEKÇİ N., ŞİMŞEK R., SARAÇ TARHAN S., et al.  
T. C. Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, 2018

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. Impedimetric detection of tumor biomarker miRNA-155 by gold nanoparticles deposited paper electrodes**

EKŞİN ÇERKEZOĞLU E., TORUL H., YARAH E., TAMER U., PAPAKONSTANTINOÜ P., ERDEM GÜRSAN K. A.

5th International Congress on Biosensors, Çanakkale, Turkey, 21 September 2022

- II. **KİŞİSEL ŞEKER ÖLÇÜM CİHAZI KULLANILARAK POLİDOPAMİN KAPLI MANYETİK NANOPARTİKÜLLER İLE HCG TAYİNİ**  
Çalınıcı M., Torul H., İçten O., Ay A. N., Tamer U.  
10. Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 September 2022, pp.134
- III. **EKSOZOMLARIN KAĞIT TABANLI ELEKTROTLAR KULLANILARAK İMPEDİMETRİK TAYİNİ**  
Akay Sazaklıoğlu S., Torul H., Kabadayı H., Vatansever H. S., Tamer U., Çelikkhan H.  
10. Ulusal Analitik Kimya Kongresi, Muğla, Turkey, 7 - 11 September 2022, pp.135
- IV. **Gold Nanoparticle Decorated Paper Electrode Assembles for Sensor Applications**  
TORUL H., BOYACI İ. H., TAMER U.  
4th INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Turkey, 23 March 2022
- V. **Label-Free Determination of Extracellular Vesicles onto Gold Screen Printed Electrodes by Electrochemical Impedance Spectroscopy**  
AKAY SAZAKLIOĞLU S., TORUL H., VATANSEVER H. S., TAMER U., ÇELİKKAN H.  
4th INTERNATIONAL CONGRESS on ANALYTICAL and BIOANALYTICAL CHEMISTRY, Turkey, 23 March 2022
- VI. **SERS based on a Disposable gold-cellulose nanofibril substate for detection of E.coli**  
Tamer U.  
3rd International Gazi Pharma Symposium Series,, Ankara, Turkey, 8 - 10 October 2021, pp.40
- VII. **Nanopartikül Tabanlı Elektrokimyasal Sensörler; Esnek Elektrot Uygulamaları**  
Tamer U.  
Bilecik Şeyh Edebali Üniversitesi, I. Ulusal Elektrokimya ve Biyosensör Uygulamaları Çalıştayı,, Bilecik, Turkey, 30 September - 01 October 2021, pp.21
- VIII. **Novel method for detection of E.coli using smart disposable electrode from drinking water,**  
Tamer U.  
3rd International Gazi Pharma Symposium Series, Ankara, Turkey, 8 - 10 September 2021, pp.37-38
- IX. **QUANTITATIVE PYRROLIDONYL ARYLAMIDASE ASSAY FOR GROUP A STREPTOCOCCUS PYOGENES DETECTION WITH IMAGE ANALYSIS**  
ERYILMAZ M., BOYACI İ. H., TAMER U.  
ISOPS 13, Ankara, Turkey, 22 June 2021
- X. **Optical Sensors using Functional Nanoparticles**  
Tamer U.  
PCFM 2021, 4th International Conference on physical Chemistry and Functional Materials, Elazığ, Turkey, 8 - 09 April 2021, pp.10
- XI. **Determination of colo 320 extracellular vesicles via gold electrode and calibration curve study for high concentration sample**  
AKAY SAZAKLIOĞLU S., TORUL H., KABADAYI ENSARIOĞLU H., ÇELİKKAN H., VATANSEVER H. S., TAMER U.  
International Eurasian Conference on Biotechnology and Biochemistry, Turkey, 16 December 2020
- XII. **Measurement of Heroin and Its Metabolites in Saliva Using Surface Enhanced Raman Spectroscopy**  
AKÇAN R., Yıldırım Mahmut Ş., İLHAN H., TAMER U., SAĞLAM N.  
9th Rostocker International Conference:, Rostock, Germany, 15 October 2020
- XIII. **Bacteriophage Based Lateral Flow Immunoassay System For Detection Of Salmonelle Enteritidis,**  
İLHAN H., ÇAĞLAYAN M. G., BOYACI İ. H., TAMER U., SAĞLAM N.  
International Conference on Advanced Materials Science & Engineering and High Tech Devices Applications; Exhibition (ICMATSE 2020), Ankara, Turkey, 02 October 2020
- XIV. **SERS Based Quantitative Analysis in a Complex Matrix**  
Tamer U.  
International Conference on Advanced Materials Science & Engineering and High Tech Devices Applications, Exhibition (ICMATSE 2020), Ankara, Turkey, 02 October 2020
- XV. **Bakır nanopartiküllerinin enotoksisitesinin in vitro mikroçekirdek yöntemi ile araştırılması**  
Evren M., ÇAKMAK PEHLİVANLI A., TAMER U., ÇAKMAK G.  
EurasianBioChem 2020, 19 - 20 March 2020

- XVI. **Mikroakışkan sistemlerde immunolipozom destekli patojen bakteri tayini**  
ERYILMAZ M., İLBASMIŞ TAMER S., tayyarcan e. k., EKŞİ KOÇAK H., YILDIRIM E., BOYACI İ. H., ÇETİN D., SULUDERE Z., TAMER U.  
XVI. Ulusal Spektroskopisi Kongresi, Turkey, 7 - 08 November 2019
- XVII. **Surface-enhanced Ramanspectroscopy for the ultrasensitivequantification: Metallicnanoparticles versus nanostructured films**  
TAMER U.  
XX Euroanalysis, 1 - 05 September 2019
- XVIII. **Use of Surface Enhanced Raman Spectroscopy as a Tool for Detection of 6-Mono Acetyl Morphine (6-MAM)**  
AKÇAN R., YILDIRIM M. Ş., İLHAN H., DEMİREL G., TAMER U., SAĞLAM N.  
8thRostocker Int. Conf.: Thermophysical Properties for Technical Thermodynamics, Çeşme, İzmir, Turkey, 22 - 24 September 2019
- XIX. **An insight into the detection of Group A Streptococcus pyogenes with SERS-based assays**  
ERYILMAZ M., Acar E., ÇETİN D., BOYACI İ. H., SULUDERE Z., TAMER U.  
Euroanalysis XX Conference, 1 - 05 September 2019
- XX. **Metal Organic Framework functionalized nanoparticles for Electrochemical enumeration of bacteria**  
Sallahuddin P., TAMER U., İLHAN H., Hassan S. S., ZENGİN A., BOYACI İ. H.  
XX Euroanalysis, 1 - 05 September 2019
- XXI. **Development of Protein Assay Based on Molecular Organic Cavity Modified Nanoparticle**  
Ahi E. E., Torul H., Zengin A., Sucularlı F., Yıldırım E., Selbes Y., Tamer U.  
4th INTERNATIONAL CONGRESS on BIOSENSORS, Çanakkale, Turkey, 08 July 2019
- XXII. **Preparation of SERS/SEF nanoparticles for DNA Hybridization.**  
BADAK M. U., ZENGİN A., TAMER U., SULUDERE Z., AKTAŞ N.  
2ndInternational Eurasian Conference Biological and Chemical Sciences (EurasianBioChem 2019), Ankara, Turkey., 28 - 29 June 2019
- XXIII. **Synthesis and characterization of poly(N-Acryloyl-L-Valine) on silicon nanowires.**  
BADAK M. U., ZENGİN A., TAMER U., SULUDERE Z., AKTAŞ N.  
2nd International Eurasian Conference Biological and Chemical Sciences (EurasianBioChem 2019), 2019, Ankara, Turkey., 28 - 29 June 2019
- XXIV. **Measurements of 6-monoacetylmorphine in body fluids using surface enhanced raman spectrsocopy**  
AKÇAN R., YILDIRIM M. Ş., İLHAN H., DEMİREL G., TAMER U., SAĞLAM N.  
20th euroanalysis, 1 May - 05 September 2019
- XXV. **SERS based LFIA for Detection of Pathogen Bacteria in Nanotechnology**  
İLHAN H., TAMER U., SAĞLAM N.  
8th Rostocker International Conference: Thermophysical Properties for Technical Thermodynamics (THERMAM), 22 - 24 September 2019
- XXVI. **Comparison of Traditional and Rolling Circle Amplification (RCA)-Surface-Enhanced Raman Spectroscopy (SERS) Methods for Genetically Modified Organisms (GMOs) Detection.**  
GÜVEN B., BOYACI İ. H., TAMER U.  
3rd International Congress on Food Technology, Nevşehir, Turkey, 10 - 12 October 2018
- XXVII. **A Novel Application of Surface Enhanced Raman Spectroscopy: Measurements of Heroin in Body Fluids**  
AKÇAN R., YILDIRIM M. Ş., İLHAN H., TAMER U., SAĞLAM N.  
7th Rostocker International Conference: "Thermophysical Properties for Technical Thermodynamics", 26 - 27 July 2018
- XXVIII. **Evaluation Of Raman Active Qualities of Different Substrates in SERS Analysis of Morphine**  
AKÇAN R., YILDIRIM M. Ş., İLHAN H., TAMER U., SAĞLAM N.  
7th Rostocker International Conference: "Thermophysical Properties for Technical Thermodynamics", 26 - 27 July 2018
- XXIX. **High yield synthesis of MOF functionalized nanoparticle for determination of HCG**

- AHI E. E., TORUL H., ZENGİN A., SULUDERE Z., Selbeş Y., DURMUŞ M., TAMER U.  
ISOPS-12 Ankara, Turkey, 26 - 29 June 2018
- XXX. **Morphine Detection By Surface Enhanced Raman Spectroscopy**  
AKÇAN R., YILDIRIM M. Ş., İLHAN H., TAMER U., SAĞLAM N.  
2th International Symposium of Pharmaceutical Sciences, 26 - 29 June 2018
- XXXI. **LFIA enumeration of E.coli using FE3O4/AU-PEI nanoparticles in blood.**  
İLHAN H., DOĞAN Ü., SULUDERE Z., BOYACI İ. H., ÇETİN D., SAĞLAM N., TAMER U.  
ISOPS-12 Ankara, TURKEY, 26 - 29 June 2018
- XXXII. **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
- XXXIII. **SURFACE-ENHANCED RAMAN SPECTROSCOPY BASED DETECTION STRATEGIES FOR GROUP A STREPTOCOCCUS PYOGENES**  
ERYILMAZ M., ACAR SOYKUT E., ÇETİN D., SULUDERE Z., BOYACI İ. H., TAMER U.  
ISOPS-12, Ankara, Turkey, 26 - 29 June 2018
- XXXIV. **SERS Based E.coli enumeration in urine with using casein bound magnetic nanoparticles.**  
İLHAN H., DOĞAN Ü., SULUDERE Z., BOYACI İ. H., ÇETİN D., SAĞLAM N., TAMER U.  
8th Black Sea Basin Conference on Analytical Chemistry (8th BBCAC) İstanbul Turkey, 9 - 11 May 2018
- XXXV. **Surface Enhanced Raman Spectroscopic Detection of Heroin**  
AKÇAN R., YILDIRIM M. Ş., İLHAN H., TAMER U., SAĞLAM N.  
8th Black Sea Basin Conference on Analytical Chemistry, 9 - 11 May 2018
- XXXVI. **Determination of Malachite Green in Environmental Water using Molecularly Imprinted Nanoparticles with Surface Enhanced Raman Scattering**  
BADAK M. U., Ekmen E., ZENGİN A., TAMER U., AKTAŞ N.  
International Congress on Engineering and Life Science, 26 - 29 April 2018, pp.62
- XXXVII. **Development of E.coli detection 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
- XXXVIII. **Simultaneous Quantification of Nitramine Explosives by Using Surface-enhanced Raman Spectroscopy**  
ERYILMAZ M., GÜVEN B., ARDA A., BOYACI İ. H., TAMER U., APAK M. R.  
PITTCOON 2018, 26 February - 01 March 2018
- XXXIX. **Application of paper based biosensors in whole blood sample**  
TORUL H., ÇİFTÇİ H., SULUDERE Z., TAMER U.  
Skopje Macedonia 2017 EastWest Chemistry Conference, 12 - 14 October 2017
- XL. **Simultaneous detection of E.coli and Salmonella based on fluorescence 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
- XLI. **Multiwalled Carbon Nanotube-Chitosan Scaffold:Cytotoxic, Apoptotic, and Necrotic Effects on Chondrocyte Cell Lines**  
İLBASMIŞ TAMER S., ÇİFTÇİ H., TÜRK M., DEĞİM İ. T., TAMER U.  
2nd International Gazi Symposium Series GPSS, 11 - 13 October 2017
- XLII. **Production of Baicalein Containing Electrospun scaffolds and characterization through Raman spectroscopy thereof**  
Bachimam K., Emul E., TAMER U., SAĞLAM N.  
Turcmos 2017, 26 - 29 August 2017
- XLIII. **Developing the Rolling Circle Amplification (RCA) Based Surface-Enhanced Raman Spectroscopy (SERS) Method for Genetically Modified Organisms (GMOs)**

- GÜVEN B., ACAR SOYKUT E., BOYACI İ. H., TAMER U.  
Colloquium Spectroscopicum Internationale XL, Pisa, Italy, 11 - 16 June 2017
- XLIV. **Alkaline phosphatase labeled SERS active sandwich immunoassay for the detection E. coli**  
BOZKURT A. G., Büyükgöz G. G., Şoforoğlu M., TAMER U., BOYACI İ. H.  
Colloquium Spectroscopicum Internationale XL, 11 - 16 June 2017
- XLV. **3-Aminofenilboronik Asitin Enzimatik Polimerizasyonu ve Glikoz Sensör Olarak Kullanılabilirliği**  
ALVER E., ÇİFTÇİ H., TAMER U.  
XV. Ulusal Spektroskopi Kimya Kongresi, Yalova, Turkey, 17 - 19 May 2017
- XLVI. **Kitosan Nanopartiküller İle Fast Green FCF'nin Sulu Çözeltilerden Uzaklaştırılması**  
ALVER E., ÇİFTÇİ H., TAMER U.  
6. Fiziksel Kimya Kongresi, Zonguldak, Turkey, 15 - 18 May 2017
- XLVII. **A New Plasmonic Device Made of Gold Nanoparticles and Temperature Responsive Polymer Brush on a Silicon Substrate**  
ZENGİN A., TAMER U., ÇAYKARA T.  
International Conference on Advances and Innovations in Engineering, Turkey, 10 - 12 May 2017
- XLVIII. **SERS Detection of Polyaromatic Hydrocarbons on  $\alpha$ -Cyclodextrin Containing Polymer Brush**  
ZENGİN A., TAMER U., ÇAYKARA T.  
International Conference on Advances and Innovations in Engineering, Turkey, 10 - 12 May 2017
- XLIX. **Sensitive and Selective Detection of Prostate Specific Antigen via SERS Based Immunoassay**  
Ekmen E., ZENGİN A., TURAN E., ŞAHAN T., BİLİCİ M., TAMER U.  
2nd INTERNATIONAL CONFERENCE ON ADVANCES IN NATURAL AND APPLIED SCIENCES, Turkey, 18 - 21 April 2017
- L. **The enumeration of E.coli and Beta-Hemolytic Streptococcus by paper-based membrane.**  
TAMER U., Gümüştaş A., ÇETİN D., Acar E., ÇAĞLAYAN M. G., BOYACI İ. H., ERYILMAZ M., SULUDERE Z.  
Pittcon 2017 Conference Expo., Chicago, United States Of America, 5 - 09 March 2017
- LI. **Fabrication of SERS active gold nanorods using benzalkonium chloride**  
ÇAĞLAYAN M. G., KASAP E. N., ÇETİN D., SULUDERE Z., TAMER U.  
2017 PITTCON Conference and Expo, Chicago, United States Of America, 5 - 09 March 2017
- LII. **The Enumeration of E. coli and Beta-Hemolytic Streptococcus by Paper-Based Membrane**  
TAMER U., Gümüştaş A., ÇETİN D., ACAR SOYKUT E., ÇAĞLAYAN M. G., BOYACI İ. H., ERYILMAZ M., SULUDERE Z.  
PITTCON Conference and Expo 2017, 5 - 09 March 2017
- LIII. **Fabrication of SERS Active Gold Nanorod Using Benzalkonium Chloride**  
ÇAĞLAYAN M. G., ÇETİN D., KASAP E. N., TAMER U., SULUDERE Z.  
2017 PITTCON CONFERENCE and EXPO, Chicago, 5 - 09 March 2017
- LIV. **Elektronik sigara e sigara kullanıcılarında olası genotoksik hasarın ve nikotin maruziyetinin belirlenmesi**  
GÖNEY G., ÇOK İ., BURGAZ S., TAMER U., ŞENGEZER T.  
Türkiye Solunum Araştırmaları Derneği TÜSAT 38. Ulusal Kongresi, İzmir, Turkey, 15 - 19 October 2016
- LV. **Rapid detection strategies for pathogens using functionalized nanoparticles**  
TAMER U.  
3rd International Congress on Biosensor, 5 - 07 October 2016
- LVI. **Detection of Listeria monocytogenes using anisotropic magnetic nanoparticle based surface enhanced raman spectroscopy**  
YEĞENOĞLU H., TORUL H., ZENGİN A., ASLIM B., ÇETİN D., SULUDERE Z., BOYACI İ. H., TAMER U.  
3. International Congress on Biosensors, Ankara, Turkey, 5 - 07 October 2016
- LVII. **The synthesis and characterization of PEI modified Fe<sub>3</sub>O<sub>4</sub> Au nanoparticles for rapid enumeration of E coli**  
İLHAN H., DOĞAN Ü., ÇİFTÇİ H., TAMER U., Sağlam N.  
3. International Congress on Biosensor, 5 - 07 October 2016
- LVIII. **The Synthesis and Characterization of PEI Modified Fe<sub>3</sub>O<sub>4</sub> Au Nanoparticles for Rapid Enumeration of E coli**

İLHAN H., DOĞAN Ü., ÇİFTÇİ H., TAMER U., SAĞLAM N.

3rd International Congress on Biosensors, Ankara, Turkey, 5 - 07 October 2016

- LIX. **Chip based immunomagnetic separation of human chorionic gonadotropin**  
Ahi E. E., Gümüştaş A., ÇİFTÇİ H., ÇAĞLAYAN M. G., Selbes S. Y., Cogun F., YILDIRIM E., TAMER U.  
10th Aegean Analytical Chemistry Days, 29 September - 02 October 2016
- LX. **Surface Enhanced Raman Scattering Based Immunoassay Versus Western Blotting**  
TAMER U., SELBES Y., ÇAĞLAYAN M. G., ERYILMAZ M., SAĞLAM N., BOYACI İ. H.  
AACD 2016, 29 September - 02 October 2016
- LXI. **CTAB Free generation of SERS active gold nanoparticle and lateral flow immunoassay application**  
GÜMÜŞTAŞ A., AHİ E. E., ÇAĞLAYAN M. G., USLU B., ÇETİN D., SULUDERE Z., TAMER U.  
AACD 2016 International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016
- LXII. **Simultaneous detection of two different bacteria using QDs and MNPs**  
DOĞAN Ü., KASAP E., ÇOĞUN F., YILDIRIM E., ÇETİN D., SULUDERE Z., BOYACI İ. H., ERTAŞ N., TAMER U.  
AACD 2016 International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016
- LXIII. **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
- LXIV. **SERS based rapid detection strategies of Group A Beta Hemolytic Streptococcus**  
ERYILMAZ M., ACAR KORKUT E., ÇETİN D., SULUDERE Z., BOYACI İ. H., TAMER U.  
AACD 2016 International Conference: 10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, 29 September - 02 October 2016
- LXV. **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
- LXVI. **Paper membrane based SERS platform for rapid bacteria enumeration**  
TAMER U., GÜMÜŞTAŞ A., BOZKURT A. G., ÇETİN D., ACAR E., BOYACI İ. H., ERYILMAZ M., SULUDERE Z.  
Pittcon Conference & Expo. 2016, United States Of America, 6 - 10 March 2016
- LXVII. **Paper based colorimetric glucose determination using smartphone**  
ÇİFTÇİ H., Ayyıldız N., TAMER U.  
Pittcon, 6 - 10 March 2016
- LXVIII. **Surface Enhanced Raman Spectroscopy Based Total Protein Assay**  
ERYILMAZ M., ZENGİN A., TAMER U.  
PITTCON 2016, 6 - 10 March 2016
- LXIX. **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**  
İbrahim L., TAMER U., Nilgün Günden G., ERTAŞ N.  
International Gazi Pharma Symposium Series, Turkey, 12 - 15 November 2015, pp.112
- LXX. **Surface Enhanced Raman Scattering Based Detection of Group A Beta Hemolytic Streptococcus**  
ERYILMAZ M., acar e., ÇETİN D., SULUDERE Z., BOYACI İ. H., TAMER U.  
1st International Gazi Pharma Symposium Series (GPSS-2015), Antalya, Turkey, 12 - 15 November 2015
- LXXI. **A rapid and simple method for the determination of triphenylmethane dye residues in culture fish by combining a simple liquid liquid extraction with pseudo isotachopheresis stacking technique**  
İBRAHİM L., TAMER U., NİLGÜN G. G., ERTAŞ N.  
International Gazi Pharma Symposium Series (GPSS-2015), 12 - 15 November 2015
- LXXII. **Determination of pyrrolizidine alkaloids in the aerial parts of onosma sericeum o rascheyanum and o caerulescens by GC MS**  
TOSUN F., TAMER U., ERÖKSÜZ Y., GÜRAĞAÇ F. T.



1st International Gazi Pharma Symposium Series (GPSS-2015), 12 - 15 November 2015

LXXIII. **Determination of Monosodium Glutamate Levels by HPLC Method in Instant Soups Marketed in Ankara**

BARUT İ., TAMER U., YENTÜR G., TOPÇU S.

International Gazi Pharma Symposium Series (GPSS), 12 - 15 November 2015

LXXIV. **Determination of monosodium glutamate levelsby HPLC method in instant soups marketed in Ankara**

BARUT İ., TAMER U., YENTÜR G.

1st International Gazi PharmaSymposium Series (GPSS-2015), 12 - 15 November 2015

LXXV. **A Rapid and Simple Method for the Determination of Triphenylmethane Residues in Culture Fish by Combining a Simple Liquid Liquid Extraction with Pseudo Isotachopheresis Technique**

LUBBAD İ., TAMER U., GÜNDEMEN GÖĞER N., ERTAŞ N.

GPSS, Antalya, Turkey, 12 - 15 November 2015

LXXVI. **Determination of possible genotoxic damage and nicotine exposure of electronic cigarette e cigarette users Abstract Book P64 p 125**

GÖNEY G., ÇOK İ., BURGAZ S., TAMER U., ŞENGEZER T.

International GPSS-Gazi Pharma Symposium Series, November 12-15,2015, Antalya,Turkey., 12 - 15 November 2015, vol.125

LXXVII. **Determination of possible genotoxic damage and nicotine exposure of electronic cigarette e cigarette users**

GÜLŞEN G., ÇOK İ., BURGAZ S., TAMER U., TİJEN Ş.

International Gazi Pharma Symposium Series (GPSS), Antalya, Turkey, 12 November - 15 September 2015

LXXVIII. **Elektronik sigara e sigara kullanıcılarında periferik kanda DNA hasarının değerlendirilmesi**

GÜLŞEN G., ÇOK İ., BURGAZ S., TAMER U., TİJEN Ş.

Türkiye Solunum Araştırmaları Derneği TÜSAT 37. Ulusal Kongresi, İzmir, Turkey, 17 - 21 October 2015

LXXIX. **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

LXXX. **Elektronik sigara e sigara kullanıcılarında periferik kanda DNA hasarının değerlendirilmesi**

GÖNEY G., ÇOK İ., BURGAZ S., TAMER U., ŞENGEZER T.

Türkiye Solunum Araştırmaları Derneği-TÜSAD 37. Ulusal Kongresi-Solunum 2015, 17-21 Ekim 2015,Çeşme,İzmir., İzmir, Turkey, 17 - 21 October 2015, pp.18

LXXXI. **Devam Sütleri ve Bebek Mamalarında Potansiyel 5 Hidroksimetil 2 Furaldehit ve 2 Furaldehit Bileşiklerinin Miktarlarının Araştırılması**

ER DEMİRHAN B., DEMİRHAN B., SÖNMEZ C., TORUL H., TAMER U., YENTÜR G.

6. Ulusal Veteriner Gıda Hijyeni Kongresi, Turkey, 7 - 11 October 2015

LXXXII. **Tavuk ve Dana Bulyonlarında Monosodyum Glutamat Miktarlarının Yüksek Performans Sıvı Kromatografi Metodu ile Belirlenmesi**

ER DEMİRHAN B., DEMİRHAN B., SÖNMEZ C., TORUL H., TAMER U., YENTÜR G.

6. Ulusal Veteriner Gıda Hijyeni Kongresi, Turkey, 7 - 11 October 2015

LXXXIII. **Different shape and size of gold nanoparticles for immunoassay detection**

kasap e., ÇAĞLAYAN M. G., ÇETİN D., SULUDERE Z., TAMER U.

11.International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, 9 - 12 June 2015

LXXXIV. **Colorimetric Glucose Biosensor Based on Bienzyme System EncapsulatedWithin Enzymatically Synthesized Poly 2 aminothiazole**

ÇİFTÇİ H., TAMER U.

2nd International Congress on biosensors, Turkey, 10 - 12 June 2015

LXXXV. **Surface enhanced Raman Scattering based diagnostic immunoassay**

TAMER U.

2nd International Congress on biosensors, Turkey, 10 - 12 June 2015

- LXXXVI. **Urinary cotinine levels of electronic cigarette e cigarette user**  
GÜLŞEN G., ÇOK İ., TAMER U., ALİ S.  
11th International Symposium on Pharmaceutical Sciences, 9 - 12 June 2015
- LXXXVII. **Characterization of enalapril maleat by Raman mapping**  
YILMAZ Ş., İLBASMIŞ TAMER S., HASLET E., BOYACI İ. H., TAMER U.  
11th International Symposium on Pharmaceutical Sciences, 9 - 12 June 2015
- LXXXVIII. **Characterization of Enalapril Maleat by Raman Mapping**  
YILMAZ Ş., İLBASMIŞ TAMER S., BOYACI İ. H., ekşi h., TAMER U.  
ISOPS 11th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 9 - 11 June 2015
- LXXXIX. **Urinary cotinine levels of Electronic Cigarette e cigarette users**  
GÜLŞEN G., ÇOK İ., TAMER U., BURGAZ S., TİJEN Ş., ABDULLAH ALİ A.  
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, 9 - 12 June 2015
- XC. **Colorimetric Glucose Biosensor Based on Bi Enzyme System**  
ÇİFTÇİ H., METİN A. Ü., TAMER U.  
2015 PITTCOON CONFERENCE and EXPO, 8 - 12 March 2015
- XCI. **Comparison of Magnetic Properties of Synthesized Different Core Shell Gold Nanoparticles**  
BOZKURT A. G., ZENGİN A., ÖZCAN S., BOYACI İ. H., TAMER U.  
2015 PITTCOON CONFERENCE and EXPO, 8 - 12 March 2015
- XCII. **SERS Based Aptasensor for Sub Femtomolar Level Toxin Detection**  
TAMER U., ZENGİN A., BOYACI İ. H., ERYILMAZ M., ÇAYKARA T.  
2015 PITTCOON CONFERENCE AND EXPO, 8 - 12 March 2015
- XCIII. **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
- XCIV. **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
- XCV. **Rapid SERS detection of bacteria with well oriented antibody bound nanoparticle**  
DOĞAN Ü., ERYILMAZ M., ÇETİN D., SULUDERE Z., BOYACI İ. H., TAMER U.  
XXIV. International Conference on Raman Spectroscopy, ICORS, Jena, Germany, 10 - 15 August 2014
- XCVI. **Discrimination of beef and horsemeat by taking the advantage of Raman spectroscopy**  
BOYACI İ. H., TEMİZ H. T., UYSAL R. S., VELİOĞLU H. M., TAMER U., YADEGARI R. J., RISHKAN M. M.  
248th National Meeting of the American-Chemical-Society (ACS), San-Francisco, Costa Rica, 10 - 14 August 2014, vol.248
- XCVII. **The high product yield of hybrid nanoparticle and rationale biomolecule immobilization for sub femtomolar SERS detection**  
Tamer U., Doğan Ü., Zengin A., Torul H., Çiftçi H., Çetin D., Suludere Z., Boyacı İ. H.  
10th Nanoscience and Nanotechnology Conference, İstanbul, Turkey, 17 - 21 June 2014
- XCVIII. **Determination of Genetically Modified Organisms on Dendrimer based SERS Platforms**  
ULUOK S., EKŞİ H., GÜVEN B., ÜSTÜNDAĞ Z., BOYACI İ. H., TAMER U.  
10th Nanoscience and Nanotechnology Conference, Turkey, 15 - 17 June 2014
- XCIX. **Polymer stabilized gold nanoparticles synthesis and application**  
ÇİFTÇİ H., ALVER E., ÇELİK F., METİN A. Ü., TAMER U.  
10th Nanoscience and Nanotechnology Conference, Turkey, 15 - 17 June 2014
- C. **Detection of SERS Based Genetically Modified Organisms with Serial and Parallel Amplification Strategies**  
GÜVEN B., BÜYÜKGÖZ G. G., SOYKUT ACAR E., BOYACI İ. H., TAMER U.  
10th Nanoscience and Nanotechnology Conference, Turkey, 15 - 17 June 2014
- CI. **Functionalized of magnetic nanoparticles for homogeneous SERS assay platforms**  
TAMER U., AYKUT Ö., ÇİFTÇİ H., ZENGİN A., ÇETİN D., SULUDERE Z., BOYACI İ. H.  
PITTCOON 2014, 2 - 06 March 2014

- CII. **Functionalized magnetic nanoparticles for homogeneous SERS assay platforms**  
TAMER U., önal a., ÇİFTÇİ H., ZENGİN A., ÇETİN D., SULUDERE Z., BOYACI İ. H.  
Pittcon Conference Chicago-USA, CHICAGO, United States Of America, 2 - 06 March 2014
- CIII. **A novel method for quantification of aspartame using surface enhanced Raman spectroscopy**  
GÜLİZAR G., BOZKURT A. G., MEHMET Ş., BOYACI İ. H., TAMER U.  
PITTCO 2014, 2 - 06 March 2014
- CIV. **Discrimination of Meat Species Using Raman Spectroscopy and PCA**  
REYHAN SELİN U., TEMİZ H. T., BOYACI İ. H., TAMER U.  
PITTCO 2014, 2 - 06 March 2014
- CV. **Non Enzymatic glucose sensor based on the 3 aminophenylboronic acid molecular recognition group**  
ÇİFTÇİ H., TAMER U., BIYIKOĞLU M.  
PITTCO 2014, 2 - 06 March 2014
- CVI. **The construction of a optofluidic platform based on the surface enhanced Raman spectroscopy and measurements of blood sugar levels**  
TORUL H., ADIGÜZEL Y., ÇİFTÇİ H., HATİCE CEYLAN K., TAMER U., HALUK K.  
International multidisciplinary symposium on drug research and development, 28 - 30 November 2013
- CVII. **Development of HPLC-UV Method For The Quantitative Determination Of Oleuropein, Hydroxytyrosol, Quercetin, Luteolin And Rutin In Olea Europea Leaves**  
TORUL H., KÜÇÜKBOYACI N., TAMER U., KARASU Ç.  
International Multidisciplinary Symposium on Drug Research and Development, Antalya, Turkey, 28 - 30 November 2013
- CVIII. **The Construction of A Optofluidic Platform Based On The Surface Enhanced Raman Spectroscopy and Measurement of Blood Sugar Levels**  
TORUL H., ADIGÜZEL Y., ÇİFTÇİ H., KOYDEMİR CEYLAN H., TAMER U., KÜLAH H.  
International Multidisciplinary Symposium on Drug Research and Development, Antalya, Turkey, 28 - 30 November 2013
- CIX. **SERS Based Non-Enzymatic Glucose Detection On Chip**  
TORUL H., TAMER U., ADIGÜZEL Y., ÇİFTÇİ H., KOYDEMİR CEYLAN H., KÜLAH H.  
IMA-2013, Selanik, Greece, 15 - 19 September 2013
- CX. **Surface enhanced Raman scattering application of ODN based CCHF on electrografted graphene**  
ULUOK S., YOLA M. L., BOYACI İ. H., TAMER U., ATAR N., ÜSTÜNDAĞ Z.  
10th International electrochemistry meeting in Turkey, Turkey, 4 - 08 September 2013
- CXI. **Electrochemical copper II sensor based on chitosan covered gold nanoparticles**  
ÇİFTÇİ H., METİN A. Ü., ALVER E., KIZIR N., TAMER U.  
NanoTR 9 Nanoscience and Nanotechnology Conference, Turkey, 24 - 28 June 2013
- CXII. **nonenzymatic electrochemical glucose sensor based on gold nanoparticles**  
ÇİFTÇİ H., TAMER U.  
PITTCO 2013, 17 - 21 March 2013
- CXIII. **SERS based Plasmin activity determination on specifically designed surface**  
nur n y., TOPCU A., DUDAK ŞEKER F. C., TAMER U., BOYACI İ. H.  
PITTCO 2013, 17 - 21 March 2013
- CXIV. **Nanoparticle based DNA biosensor for the detection of genetically modified organisms by SERS**  
mehmet s., GÜVEN B., aykut o., ZENGİN A., TAMER U.  
PITTCO 2013, 17 - 21 March 2013
- CXV. **Immunomagnetic separation efficiencies on different magnetic gold nanoparticles**  
BOZKURT A. G., BOYACI İ. H., ZENGİN A., TAMER U.  
PITTCO 2013, 17 - 21 March 2013
- CXVI. **Determination of malachite green in nanogram levels by SERS**  
TEMİZ H. T., BOZKURT A. G., BOYACI İ. H., TAMER U.  
PITTCO 2013, 17 - 21 March 2013
- CXVII. **SERS based non-enzymatic glucose sensor using functional gold nanorod particles**

- TORUL H., ÇİFTÇİ H., BOYACI İ. H., KÜLAH H., TAMER U.  
Pittcon 2013 Conference, Philadelphia, United States Of America, 17 - 21 March 2013
- CXVIII. **Quantification of butter adulteration with margarine using Raman spectroscopy**  
reyhan s. u., GENİŞ H. E., BOYACI İ. H., TAMER U.  
PITTCOON 2013, 17 - 21 December 2012
- CXIX. **Arunas Ramanavicius Magnetic gold Nanoparticles in SERS based sandwich immunoassay for antigen detection by well oriented antibodies**  
almira r., julia b., BOYACI İ. H., BOZKURT A. G., TAMER U.  
PITTCOON 2013, 17 - 21 December 2012
- CXX. **Sensing Strategies in Surface Enhanced Raman Scattering using Functionalized Nanoparticles**  
TAMER U.  
NanoTP - 3rd Annual Scientific Meeting, 9 - 12 December 2012
- CXXI. **Surface enhanced Raman Scattering substrates preparation using functionalized nanoparticles**  
TAMER U., ZENGİN A., TORUL H., DUDAK ŞEKER F. C., BOYACI İ. H.  
Nanoalloy action MP0309 Action Conference, Antalya, Turkey, 19 - 21 November 2012
- CXXII. **Immobilization of gold nanorod onto poly 3 octylthiophene by hydrophobic forces**  
TAMER U., PEKDEMİR M. E., ERTÜRKAN D., KÜLAH H., BOYACI İ. H., ÖZGEN C.  
NanoTR VII-7th Nanoscience and Nanotechnology Conference, Turkey, 27 June - 01 July 2011
- CXXIII. **New assay platforms using functionalized nanoparticles and Surface Enhanced Raman Scattering**  
TAMER U.  
8th Aegean Analytical Chemistry Days, 16 - 20 September 2012
- CXXIV. **Dispersif sıvı sıvı mikroekstaksiyon 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
- CXXV. **Manyetik nanopartiküller kullanılarak yüzeyde güçlendirilmiş Raman spektrometrisi ile immunoassay sisteminin geliştirilmesi**  
TAMER U., PEKDEMİR M. E., ERTÜRKAN D., KÜLAH H., BOYACI İ. H., ÖZGEN C.  
VI. Ulusal Analitik Kimya Kongresi, Turkey, 3 - 07 September 2012
- CXXVI. **Surface enhanced Raman scattering application of gold nanoparticle supported hydrogel network based ultrasensitive DNA nanobiosensor**  
ATAR N., YOLA M. L., ÜSTÜNDAĞ Z., TAMER U., BOYACI İ. H., SOLAK A. O.  
Colloids and nanomedicine, 15 - 17 July 2012
- CXXVII. **Fluoride ion determination based on surface enhanced Raman spectroscopy 1**  
TAMER U., YILMAZ H.  
0th International symposium on pharmaceutical sciences, 26 - 29 June 2012
- CXXVIII. **Construction of ferrocene labelled gold nanorod particles for electrochemical applications**  
ERYILMAZ M., TAMER U., AYDOĞAN N.  
0th International symposium on pharmaceutical sciences, 26 - 29 June 2012
- CXXIX. **FLUORIDE ION DETERMINATION BASED-ON SURFACE ENHANCED RAMAN SPECTROSCOPY**  
Yılmaz H., Torul H., Çiftçi H., Boyacı İ. H., Tamer U.  
10 th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 26 June 2012
- CXXX. **construction of ferrocene labelled gold nanorod particles for electrochemical applications**  
ERYILMAZ M., AYDOĞAN N., TAMER U.  
10th International symposium on pharmaceutical sciences, 26 - 29 June 2012
- CXXXI. **An Enzyme Free Potentiometric Detection of a Glucose Base on a Conducting Polymer Poly 3 aminophenyl boronic acid 3 octylthiophene**  
TAMER U., ÇİFTÇİ H.  
PITTCOON 2012, 11 - 15 March 2012
- CXXXII. **A Novel Method for Detection of Ethanol and Methanol in Distilled Alcoholic Beverages Using Raman Spectroscopy**

GÜVEN B., GENİŞ H. E., BOYACI İ. H., TAMER U.

PITTCON 2012, 11 - 15 March 2012

CXXXIII. **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

CXXXIV. **Graphene based highly efficient ultrasensitive DNA nanobiosensör**

atar a., TAMER U., BOYACI İ. H., ÜSTÜNDAĞ Z., SOLAK A. O.

2nd Nano Today Conference, 11 - 15 December 2011

CXXXV. **Aptamer modified magnetic nanoparticles and homogeneous bioassay based on SERS Staphylococcus Entrotoxin B SEB detection**

TAMER U., BOYACI İ. H.

NanoTP-11 Annual Scientific Meeting, 9 - 11 November 2011

CXXXVI. **Electrochemical determination of iodide by poly 3 aminophenylboronic acid film electrode**

ÇİFTÇİ H., TAMER U.

9th International electrochemistry meeting in Turkey, İzmir, Turkey, 25 - 29 September 2011

CXXXVII. **The investigation of electrochemical and spectroelectrochemical behavior of polycarbozol 9 yl carboxylic acid**

Hassan E., myavuz e., TAMER U., PEKMEZ K.

9th International electrochemistry meeting in Turkey, 25 - 29 September 2011

CXXXVIII. **Solidification of organic drop microextraction combined with capillary electrophoresis for preconcentration and determination of bisphenol A in water samples**

ibrahim l., ALSHANA U., ÇOK İ., nilgün g., TAMER U., ERTAŞ N.

7th International conference on instrumental methods of analysis modern trends and applications, 18 - 22 September 2011

CXXXIX. **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 Göğçer N., Tamer U., Ertas N.

The 7th International Conference on Instrumental Methods of Analysis, Modern Trends and Applications, Athens, Greece, 18 - 22 September 2011

CXL. **Detection of glyphosate by SERS using gold nanorods**

TORUL H., TAMER U.

Workshop on Vibrational spectroscopy in nanotechnology COST action MP0901, İstanbul, Turkey, 26 - 29 June 2011

CXLI. **Antioxidant properties of magnetic gold nanosphere by using in vitro methods**

Yegenoglu H., Aslım B., Tamer U.

COST Actions MP0901, İstanbul, Turkey, 26 - 29 June 2011

CXLII. **Design of Composite Nanoparticles for Immunomagnetic Separation and SERS applications**

TAMER U., PEKDEMİR M. E., ERTÜRKAN D., KÜLAH H., BOYACI İ. H., ÖZGEN C.

NanoTR VII-7th Nanoscience and Nanotechnology Conference, Turkey, 27 June - 01 July 2011

CXLIII. **Composite nanometarial with enhanced magnetic and or optical properties**

TAMER U.

EMIT Workshop S04-13, 24 - 25 May 2011

CXLIV. **Stafilokok enterotoksin B SEB Tayinine Yönelik Aptamer Kullanılarak Biyoanaliz Yöntemi Geliştirilmesi**

TAMER U., BOYACI İ. H., DUDAK ŞEKER F. C., TORUL H., TEMUR E.

XII. Ulusal Spektroskopi Kongresi, Turkey, 18 - 22 May 2011

CXLV. **Effect of Nanoparticle Shape Over Performance of SERS Based Sandwich Immunoassay**

erhan t., BOYACI İ. H., TAMER U.

PITTCON, 28 February 2010 - 05 March 2011

CXLVI. **Development of Magnetic SERS Active Nanoparticles**

BOYACI İ. H., TAMER U., erhan t.  
PITTCON, 28 February 2010 - 05 March 2011

**CXLVII. Use of Nanoparticles in Analysis of Food Ingredients and Contaminants**

TAMER U., BOYACI İ. H., ZENGİN A., erhan t.

International food agricultural and gastronomy congress, 15 - 19 February 2011

**CXLVIII. Functional Gold Nanorod Particles on Conducting Polymer Poly 3octylthiophene as Non Enzymatic Glucose Sensor**

ÇİFTÇİ H., TAMER U.

PITTCON 2012, 13 - 15 February 2011

**CXLIX. İletken polimer esaslı enantiomer seçimli kolon malzemesi tasarımı ve sentezi**

Torul H., Kanbeş Ç., Ertaş N., Tamer U.

5. Ulusal Analitik Kimya Kongresi, Erzurum, Turkey, 21 - 25 December 2010

**CL. Composite Nanometarial with Enhanced Manetic and Optical Properties**

TAMER U.

Intel European Research and Inovation, 12 - 14 October 2010

**CLI. Composite Nanomaterial with Enhanced Magnetic And/or Optical Properties**

TAMER U., ZENGİN A., TORUL H., BOYACI İ. H.

Intel European Research And Innovation Conference, Leixlip, Ireland, 12 - 14 October 2010

**CLII. Determination of Dopamine and Ascorbic acid using multi walled carbon nanotubes alizarin red S Poly vinyferrocene modified glassy carbon electrode**

şen m., TAMER U., Nuran Ö. P.

7th Egean Analytical Chemistry Days, 29 September - 03 October 2010

**CLIII. HPLC analysis of eluted monomers from root canal sealer**

ÖMÜRLÜ H., DENİZ ARISU H., Eligüzeloğlu E., TAMER U., TORUL H.

88th General Session & Exhibition of the IADR, Barcelona, Spain, 14 - 16 July 2010

**CLIV. 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

**CLV. Rapid detection of Escherichia coli by nanoparticle based immunomagnetic separation and SERS**

GÜVEN B., BAŞARAN AKGÜL N., TEMUR E., TAMER U.

6th Nanoscience and Nanotechnology Conference, Turkey, 15 - 18 June 2010

**CLVI. 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

**CLVII. Detection of Protease Activity Using Gold Nanorods**

YAZGAN N. N., BOYACI İ. H., TEMUR E., TAMER U., TOPCU A.

6th Nanoscience and Nanotechnology Conference, Turkey, 15 - 18 June 2009

**CLVIII. Composite nanorods with enhanced magnetic and or optical properties**

BOYACI İ. H., TAMER U.

Nano TP, 18 - 19 March 2010

**CLIX. Aluminum III selective potentiometric sensor based on poly 3 octylthiophene doped with dihydroxyanthraquinone**

BERKKAN A., PEKMEZ K., TAMER U.

8th International Electrochemistry Meeting, 8 - 11 October 2009

**CLX. Fabrication of magnetic gold nanorods and Electrochemical Applications**

ali ihsan s., erhan t., BOYACI İ. H., PEKMEZ K., TAMER U.

8th International Electrochemistry Meeting, 8 - 11 October 2009, pp.3167-3176

**CLXI. Application of electroanalytical methods for the detection of food components and contaminants**

BOYACI İ. H., BAŞ D., TAMER U.

8th International Electrochemitry Meeting, 8 - 11 October 2009

**CLXII. Fast HPLC UV Analysis of Baclofen Enantiomers**

- YILMAZ Ş., TAMER U.  
9th International Symposium Pharmaceutical Science, 23 - 26 June 2009
- CLXIII. **Determination of Propranolol Enantiomers by HPLC-UV Method**  
TORUL H., TAMER U.  
9th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 23 - 26 June 2009
- CLXIV. **Fabrication of Glucose Biosensör Based on Polyaniline Gold Nanorod composite**  
ali ihsan s., TAMER U.  
9th International Symposium Pharmaceutical Science, 23 - 26 June 2009
- CLXV. **SERS Aktif nanopartiküllerin Geliştirilmesi ve Analiz sistemlerinde Kullanılması**  
erhan t., gündeğdu y., BOYACI İ. H., TAMER U.  
XI. Ulusal Spektroskopi Kongresi, Turkey, 23 - 26 June 2009
- CLXVI. **Quantification of Isoflavones in Red Clover Trifolium Pratense L by High Performance Liquid Chromatography**  
nurgün e., onur k., bani a., TAMER U.  
9th International Symposium Pharmaceutical Science, 23 - 26 June 2009
- CLXVII. **Amperometric enzyme electrode for Glucose determination based on poly(pyrolle-2-aminobenzoic acid)**  
Berkkan A., Seçkin A. İ., Şatana Kara H. E., Pekmez K., Tamer U.  
9th Int. Symp. on Pharm. Sciences, Ankara, Turkey, 23 - 26 June 2009
- CLXVIII. **HPLC analysis of the released monomers from Epiphany which is resin-based root canal filling material**  
ÖMÜRLÜ H., DENİZ ARISU H., DALKILIÇ E., TAMER U., TORUL H.  
4. Scientific Symposium on Endodontics, Antalya, Turkey, 14 - 19 June 2009
- CLXIX. **SERS Based Sandwich Immunoassey Development for Escherichia coli Detection**  
erhan t., TAMER U., BOYACI İ. H.  
5. Ulusal Nanobilim ve Nanoteknoloji Konferansı, Turkey, 8 - 12 June 2009
- CLXX. **Synthesis of Magnetic Core Shell Fe<sub>3</sub>O<sub>4</sub> Au Nanoparticle for Biomolecule Immobilization and Detection**  
gündeğdu y., BOYACI İ. H., PEKMEZ K., TAMER U.  
5. Ulusal Nanobilim ve Nanoteknoloji Konferansı, Turkey, 8 - 12 June 2009
- CLXXI. **Synthesis and Characterization of Polyaniline Nanofiber**  
çiğdem k. d., ERTAŞ N., TAMER U.  
5. Ulusal Nanobilim ve Nanoteknoloji Konferansı, Turkey, 8 - 12 June 2009
- CLXXII. **Development of HPLC-UV Method for The Quantitation of Atenolol Enantiomers**  
TORUL H., TAMER U.  
International Symposium On Drug And Development, Ankara, Turkey, 4 - 07 May 2009
- CLXXIII. **Rezin esaslı kök kanal dolgu maddesi epiphany den salınan monomerlerin yüksek performans sıvı kromatografisi hplc ile incelenmesi**  
ÖMÜRLÜ H., DENİZ ARISU H., Eligüzeloğlu E., TAMER U., TORUL H.  
Türk Endodonti Derneği ve Kosova Endodonti Derneği 4. Bilimsel Endodonti Sempozyumu, Antalya, Turkey, 23 - 26 April 2009
- CLXXIV. **Enzim Esaslı Kök Kanal Dolgu Maddesi Epiphany den Salınan Monomerlerin Yüksek Performans Sıvı Kromatografisi HPLC ile İncelenmesi**  
ÖMÜRLÜ H., HACER DENİZ A., EVRİM E., TAMER U., TORUL H.  
4. Bilimsel Endodonti Sempozyumu, Turkey, 23 - 26 April 2009
- CLXXV. **Electrochemical and optical spectroscopic characterization of two component self assambled monolayers on gold surfaces**  
TAMER U., liu h., curtis s.  
American Chemical Society National Meeting, 25 - 29 March 2007
- CLXXVI. **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
- CLXXVII. **Development and characterization of novel SERS substrates**  
TAMER U., Curtis S.  
8th International Symposium on Pharmaceutical Sciens, 13 - 16 June 2006
- CLXXVIII. **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
- CLXXIX. **Bacteriophage nanocrystal conjugates Probing local protein structure in vitro using surface enhanced raman spectroscopy**  
TAMER U., curti s.  
231st American Chemical Society National Meeting, 26 - 30 March 2006
- CLXXX. **Electrochemical enzyme immunoassay on polyaniline modified gold electrodes**  
hongxia z., TAMER U.  
PİTTCON, 12 - 17 March 2006
- CLXXXI. **Cynoglossum montanum bitkisinde bulunan alkoloitlerin GC MS ile analizi**  
TOSUN F., TAMER U.  
XV. Bitkisel İlaç Hammaddeleri Toplantısı, Turkey, 6 - 09 October 2004
- CLXXXII. **The effect of androjen deficiency on the tear functions and meibomian gland lipid structure**  
KARCI A., özlem a., orhan k., ERDOĞAN ORHAN İ., TAMER U., bilge s., emin g.  
37th National Symposium on Ophthalmology, Turkey, 4 - 08 October 2004
- CLXXXIII. **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
- CLXXXIV. **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
- CLXXXV. **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
- CLXXXVI. **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
- CLXXXVII. **Electrochemically controlled solid phase microextraction SPME for the analysis of cation**  
TAMER U., şahin y., ERTAŞ N., UDUM Y., PEKMEZ K., attila y.  
IV. Electrochemistry Days, Turkey, 11 - 13 June 2003
- :LXXXVIII. **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
- CLXXXIX. **Electrooxidation of Phenol with PbO<sub>2</sub> Electrode**  
ABACI S., TAMER U., irem g.  
IIIth Electrochemistry Days, Turkey, 18 - 20 April 2001
- CXC. **Electrochemical Reduction of Carbondioxide**  
TAMER U., PEKMEZ K., attila y.  
IIIth Electrochemistry Days, Turkey, 18 - 20 April 2001
- CXCI. **Electrosynthesis of 4,4-Dinitroazobenzene on PbO<sub>2</sub> Electrodes**  
ABACI S., PEKMEZ K., ATTİLA Y., TAMER U.



11th Electrochemistry Days, Turkey, 2 - 04 February 2000

**CXCII. Determination of Cilazapril and Hydrochlorothiazide in Pharmaceuticals by High Performance Liquid Chromatography**

atay o., TAMER U.

Analytical letters, 22 - 24 September 1999, pp.1153-1161

**CXCIII. Determination of Aluminium in Haemodialysis Sample by Adsorptive Stripping voltammetry**

TAMER U., PEKMEZ K., NURAN P., ATTILA Y.

XIII. National Chemistry Congress, Turkey, 31 August - 04 September 1999

**CXCIV. Quantitative determination of hydrochlorothiazide and benazepril HCl in pharmaceuticals dosage form by high performance liquid chromatography and spectroscopic methods**

çakır b., atay o., TAMER U.

Second International meeting on pharmacy and pharmaceutical sciences, 6 - 09 September 1998

**CXCV. Determination of cilazipril in pharmaceutical formulations by adsorptive stripping voltammetry**

TAMER U., nuran ö. p., atay o., attila y.

7th international symposium on pharmaceutical, 24 - 25 June 1998

**CXCVI. The Comparative Studies on phenylpropanoid glycosides on viscum albüm subspecies**

DELİORMAN ORHAN D., ÇALIŞ İ., ergun f., TAMER U.

XII th International Symposium on plant originated crude drugs, 20 - 22 May 1998

## Supported Projects

ÇELİKKAN H., TORUL H., Akay Sazaklıoğlu S., VATANSEVER H. S., Kabadayı Ensarioğlu H., TAMER U., Project Supported by Higher Education Institutions, Modifiye Substratlar Kullanılarak Prostat Kanseri Eksozomlarının Yüzeyde Zenginleştirilmiş Raman Spektroskopisi (YZRS) ve Elektrokimyasal İmpedans Spektroskopisi (EIS) ile Tayini, 2021 - 2023

TAMER U., ÇETİN D., Project Supported by Higher Education Institutions, Patojen Bakteri Teşhisine Yönelik Yeni Mikroakışkan Test Sistemlerinin Geliştirilmesi, 2018 - 2021

TAMER U., Project Supported by Higher Education Institutions, Q-TOF SIVI KROMATOĞRAFİSİ-KÜTLE SPEKTROMETRESİ (LC-MS) CİHAZININ ONARIMI, 2019 - 2020

Çakmak G., Tamer U., Project Supported by Higher Education Institutions, In Vitro Mikroçekirdek Yöntemi (OECD 487) ile Nanopartikül Toksikitesinin A549 Hücre Hattında Belirlenmesi, 2017 - 2020

Tamer U., Kalkancı A., Doğan B., TUBITAK Project, Mikotoksikoz Tanısında Kullanılabilecek Lateral Akım Testi Geliştirilmesi, 2017 - 2019

Banoğlu E., Muyan M., Atalay R., Çalışkan B., Tamer U., İlbasmış Tamer S., Değim İ. T., Uludağ M. O., Erson Bensan A. E., Emerce E., et al., TUBITAK Project, Meme ve Karaciğer Kanserinin Tedavisi için PI3K/Akt Sinyal Yolunu Hedefleyen Yeni Aday İlaç Molekül Geliştirme ve Ön klinik Çalışmaları, 2016 - 2019

ÇETİN D., TAMER U., TUBITAK Project, Yatay Akış Immunoassay Platformlarının Hızlı Bakteri Tayini İçin Geliştirilmesi, 2015 - 2017

BURGAZ S., TAMER U., ÇOK İ., TUBITAK Project, Elektronik Sigara (E-Sigara) Kullanan Kişilerde Olası Genotoksik Hasarın ve Nikotin Maruziyetinin Belirlenmesi, 2014 - 2017

Çok İ., Tamer U., TUBITAK Project, DETERMINATION OF POSSIBLE GENOTOXIC DAMAGE and NICOTINE EXPOSURE of ELECTRONIC CIGARETTE (E-CIGARETTE) USERS , 2014 - 2017

ÇETİN D., TAMER U., TUBITAK Project, Manyetik Nanopartikül Ve Kuantum Noktaçığı Kullanarak Mikroçip Tabanlı Bakteri Tayini, 2013 - 2017

TAMER U., TUBITAK Project, Toplam protein tayininde nanopartikül tabanlı yeni analiz sistemlerinin geliştirilmesi, 2014 - 2016

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

Er Demirhan B., Tamer U., Demirhan B., Project Supported by Higher Education Institutions, Bebek Mamalarında Furfural Bileşiklerinin ve Aflatoksin M1 Varlığının Araştırılması, 2012 - 2014

Yentür G., Tamer U., Er Demirhan B., Demirhan B., Project Supported by Higher Education Institutions, Et Ürünlerinde Monosodyum Glutamat Miktarlarının HPLC Metodu İle Araştırılması, 2012 - 2014  
TAMER U., Project Supported by Higher Education Institutions, MANYETİK VE ÇEKİRDEK-KABUK YAPISINDA DEMİR-ALTIN NANOPARTİKÜLLERİN HAZIRLANMASI VE SERS UYGULAMALARI, 2011 - 2012  
Tamer U., Aslım B., Yeğenoğlu H., Project Supported by Higher Education Institutions, Anizotropik Nanopartiküllerin Geliştirilmesi ve Bakteri Tayininde Kullanılması, 2010 - 2012  
TAMER U., Project Supported by Higher Education Institutions, Nanopartikül tabanlı elektrokimyasal biyosensör geliştirilmesi, 2010 - 2011  
TAMER U., Project Supported by Higher Education Institutions, Farmasötik Formülasyonlarda Rasemik Karışımların Tayini İçin İletken Polimer Esaslı Enantiomer Seçimli Elektrot Tasarım, 2007 - 2010

## Patent

Tamer U., KAĞIT TABANLI ELEKTROKİMYASAL AKIŞ HÜCREŞİ, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: 2022/004195 , Standard Registration, 2022  
Tamer U., Medikal alanda kullanılacak kağıt tabanlı glikoz tanı kiti, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2017/09599 , Standard Registration, 2021  
Tamer U., Biyolojik Sıvılarda Fenilalanin Tayini İçin Kağıt Tabanlı Elektrokemilüminesans Gaz Sensör, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Recourse Number: 2021/018449 , Standard Registration, 2021  
ERYILMAZ M., TAMER U., Toplam protein tayininde yüzeyde güçlendirilmiş raman saçılması tekniğine dayanan yeni yöntem., Patent, CHAPTER C Chemistry; Metallurgy, 2018

## Activities in Scientific Journals

Current Pharmaceutical Biotechnology, Scientific Committee Membership, 2019 - Continues

## Scientific Refereeing

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, December 2021  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, December 2021  
TUBITAK Project, 1002 - Quick Support Program, Gazi University, Turkey, November 2021  
TUBITAK Project, 1002 - Quick Support Program, Gazi University, Turkey, September 2021  
TUBITAK Project, 1002 - Quick Support Program, Gazi University, Turkey, September 2021  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, December 2020  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, Journal Indexed in SCI-E, December 2020  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, December 2020  
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, SCI Journal, December 2020  
NATURE PROTOCOLS, SCI Journal, November 2020  
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, SCI Journal, November 2020  
BIOSENSORS & BIOELECTRONICS, SCI Journal, November 2020  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, November 2020  
ANALYST, SCI Journal, October 2020  
TALANTA, SCI Journal, October 2020  
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, October 2020  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, SCI Journal, October 2020  
Universities of Other Countries Supported Project, Croatian Science Foundation, Croatia, October 2020

ACS APPLIED NANO MATERIALS, SCI Journal, September 2020

JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, SCI Journal, September 2020

SENSORS, SCI Journal, March 2020

TUBITAK Project, 1002 - Quick Support Program, Gazi University, Turkey, December 2011

## **Scientific Consultations**

Gazi University, Project Consultancy, Gazi University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, Turkey, 2020 - Continues

## **Metrics**

Publication: 379

Citation (WoS): 3168

Citation (Scopus): 4051

H-Index (WoS): 37

H-Index (Scopus): 35