

## Lect. YEŞİM TUĞÇE YAMAN

### Personal Information

**Email:** tugce.yaman@hacettepe.edu.tr

**Web:** <http://ssrg.hacettepe.edu.tr/>

### Education Information

Doctorate, Hacettepe University, Fen Fakültesi, Kimya Bölümü, Turkey 2016 - 2020

Post Graduate, Hacettepe Üniversitesi, Fen Bilimleri Ens., Kimya/ Analitik Kimya A.D., Turkey 2013 - 2016

Under Graduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği, Turkey 2008 - 2013

### Dissertations

Post Graduate, Ambalaj Malzemelerinden Gıdaya Bulaşan ve Gıda Güvenilirliğini Tehdit Eden Maddelerin Elektrokimyasal Yöntemle Tespiti, Hacettepe Üniversitesi, Fen Bilimleri Ens., Kimya/ Analitik Kimya A.D., 2016

### Research Areas

Chemistry, Analytical Chemistry, Electromagnetic Methods, Natural Sciences

### Academic Titles / Tasks

Lecturer PhD, Hacettepe University, -----, 2018 - Continues

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

- I. **Molecularly imprinted label-free sensor platform for impedimetric detection of 3-monochloropropane-1,2-diol**  
YAMAN Y. T. , BOLAT G., Saygin T. B. , ABACI S.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.328, 2021 (Journal Indexed in SCI)
- II. **Polydopamine nanoparticles-assisted impedimetric sensor towards label-free lung cancer cell detection**  
Bolat G., Akbal Vural Ö., Yaman Y. T. , Abacı S.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.119, 2021 (Journal Indexed in SCI)
- III. **Human Serum Albumin-Gold Nanoparticle Based Impedimetric Sensor for Sensitive Detection of miRNA-200c**  
Akbal Vural Ö., Yaman Y. T. , Bolat G., Abacı S.  
ELECTROANALYSIS, 2020 (Journal Indexed in SCI)
- IV. **Ultrathin polypyrrole films on self-assembled monolayers as an efficient ultramicroelectrode assay**  
BOLAT G., YAMAN Y. T. , KURALAY F., ABACI S.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.137, no.43, 2020 (Journal Indexed in SCI)
- V. **One-pot synthesized gold nanoparticle-peptide nanotube modified disposable sensor for**

**impedimetric recognition of miRNA 410**

Yaman Y. T. , Akbal Vural Ö., Bolat G., Abacı S.

SENSORS AND ACTUATORS B-CHEMICAL, vol.320, 2020 (Journal Indexed in SCI)

- VI. **Molecular imprinted polymer based electrochemical sensor for selective detection of paraben**  
Yucebas B. B. , YAMAN Y. T. , BOLAT G., ÖZGÜR E., UZUN L., ABACI S.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.305, 2020 (Journal Indexed in SCI)
- VII. **Molecularly imprinted electrochemical impedance sensor for sensitive dibutyl phthalate (DBP) determination**  
Bolat G., Yaman Y. T. , Abacı S.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.299, 2019 (Journal Indexed in SCI)
- VIII. **Electroactive polyglycine coatings for nanobiosensing applications: Label-free DNA hybridization, DNA-Antitumor agent interaction and antitumor agent determination**  
Gursoy S., Dukar N., YAMAN Y. T. , Abaci S., Kuralay F.  
ANALYTICA CHIMICA ACTA, vol.1072, pp.15-24, 2019 (Journal Indexed in SCI)
- IX. **Development of clay-protein based composite nanoparticles modified single-used sensor platform for electrochemical cytosensing application**  
YAMAN Y. T. , AKBAL Ö., ABACI S.  
Biosensors and Bioelectronics, vol.132, pp.230-237, 2019 (Journal Indexed in SCI)
- X. **Folic acid conjugated Prussian blue nanoparticles: Synthesis, physicochemical characterization and targeted cancer cell sensing**  
AKBAL Ö., BOLAT G., YAMAN Y. T. , ABACI S.  
Colloids and Surfaces B: Biointerfaces, 2019 (Journal Indexed in SCI)
- XI. **Development of Titania Nanotube-based Electrochemical Immunosensor and Determination of Prostate Specific Antigen**  
KIZILTAN D., VURAL T., BAYRAM C., OZTURK S., BOZDOGAN B., YAMAN Y. T. , ABACI S., DENKBAŞ E. B.  
ANALYTICAL SCIENCES, vol.34, no.7, pp.789-794, 2018 (Journal Indexed in SCI)
- XII. **Peptide nanoparticles (PNPs) modified disposable platform for sensitive electrochemical cytosensing of DLD-1 cancer cells**  
YAMAN Y. T. , Akbal Ö., BOLAT G., BOZDOGAN B., DENKBAŞ E. B. , ABACI S.  
Biosensors and Bioelectronics, vol.104, pp.50-57, 2018 (Journal Indexed in SCI)
- XIII. **Highly sensitive electrochemical assay for Bisphenol A detection based on poly (CTAB)/MWCNTs modified pencil graphite electrodes**  
Bolat G., Yaman Y. T. , Abacı S.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.255, pp.140-148, 2018 (Journal Indexed in SCI)
- XIV. **Electrochemical immunoassay for detection of prostate specific antigen based on peptide nanotube-gold nanoparticle-polyaniline immobilized pencil graphite electrode**  
VURAL T., YAMAN Y. T. , OZTURK S., ABACI S., DENKBAŞ E. B.  
JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol.510, pp.318-326, 2018 (Journal Indexed in SCI)
- XV. **An ionic liquid/bismuth film-modified sensor for the electrochemical detection of cefixime**  
Yaman Y. T. , Bolat G., Yardimci C., Abacı S.  
TURKISH JOURNAL OF CHEMISTRY, vol.42, no.3, pp.826-839, 2018 (Journal Indexed in SCI)
- XVI. **Anodic stripping voltammetric determination of vardenafil hydrochloride at pencil graphite electrode**  
AYDIN Z. Y. , YAMAN Y. T. , YASACAN M., Cirak T., ABACI S.  
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.14, no.4, pp.803-810, 2017 (Journal Indexed in SCI)
- XVII. **Sensitive Adsorptive Voltammetric Method for Determination of Bisphenol A by Gold Nanoparticle/Polyvinylpyrrolidone-Modified Pencil Graphite Electrode**  
YAMAN Y. T. , ABACI S.  
SENSORS, vol.16, no.6, 2016 (Journal Indexed in SCI)

## Supported Projects

ABACI S., AKBAL Ö., YAMAN Y. T. , ŞENEL S., Project Supported by Higher Education Institutions, Dopamin Teşhisi İçin Düşük Maliyetli Yüksek Duyarlık ve Seçicilik Gösteren Sensörlerin Geliştirilmesi, 2018 - 2019

## Citations

Total Citations (WOS):96

h-index (WOS):5