

Lect. YEŞİM TUĞÇE YAMAN

Personal Information

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Education Information

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

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

Undergraduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği, Turkey 2008 - 2013

Dissertations

Postgraduate, 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. **Peptide nanotube functionalized molecularly imprinted polydopamine based single-use sensor for impedimetric detection of malathion**
YAMAN Y. T. , BOLAT G., ABACI S., Saygin T. B.
ANALYTICAL AND BIOANALYTICAL CHEMISTRY, 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. **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)
- IV. **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)

- V. **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)
- VI. **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)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **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)
- XVI. **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)
- XVII. **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)
- XVIII. **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