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Yoksis Araştırmacı ID: 134071

Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), Türkiye 1999 - 2004

Yüksek Lisans, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Türkiye 1996 - 1999

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Kimya Bölümü, Türkiye 1990 - 1996

Yabancı Diller

İngilizce, C1 İleri

Araştırma Alanları

Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Gazi Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2014 - Devam Ediyor

Doç. Dr., Gazi Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2008 - 2014

Akademik İdari Deneyim

Anabilim/Bilim Dalı Başkanı, Gazi Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2018 - 2021

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

Verdiği Dersler

Lisans

General Chemistry, Lisans, 2021 - 2022

Yönetilen Tezler

- TAMER U., Escherichia coli tayini için yatay akış immünoassay platformlarının geliştirilmesi, Yüksek Lisans, A.GÜMÜŞTAŞ(Öğrenci), 2019
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Jüri Üyelikleri

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- I. **Rapid bacterial detection through microfluidic integration with a glucometer**
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- IV. **Phage probe on RAFT polymer surface for rapid enumeration of E. coli K12**
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- VIII. **New polymer brush-coated monodisperse magnetic nanoparticles prepared via interface-mediated RAFT polymerization for high-throughput DNA extraction from pathogen bacteria**
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- IX. **Estimation of time since deposition of semen stain on different fabric types using ATR-FTIR spectroscopy and chemometrics**
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- X. **Identification of blood at simulated crime scenes using silver nanoparticles with SERS**
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- XI. **Microfluidic platforms based on SERS imaging and their point-of-care applications**
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- XII. **Platform-agnostic electrochemical sensing app and companion potentiostat**
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- XIV. **The effect of silencing the Tip60 gene on the response to radiotherapy in breast cancer cells**
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- XV. **Microfluidic-based blood immunoassays**
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- XVI. **Overcoming obstacles: Analysis of blood and semen stains washed with different chemicals with ATR-FTIR**
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- XVIII. **Direct impedimetric detection of exosomes and practical application in urine**
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- XIX. **Cytotoxic, apoptotic and necrotic effects of starch coated copper nanoparticles on Capan 1 pancreatic cancer cells**
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- XX. **An ECL sensor combined with a paper electrode for the determination of phenylalanine**
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- XXI. **Paper-based electrochemiluminescence gas sensor**
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- XXII. **Escherichia coli Enumeration in a Capillary-Driven Microfluidic Chip with SERS**
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- XXIII. **Assessment of laser induced breakdown spectroscopy as a tool for analysis of butter adulteration**
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- XXIV. **Paper based lateral flow immunoassay for the enumeration of Escherichia coli in urine**

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- XXV. **Quantification and spatial distribution of salicylic acid in film tablets using FT-Raman mapping with multivariate curve resolution**
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- XXVI. **A rapid tool for determination of titanium dioxide content in white chickpea samples**
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- XXVII. **Detection and quantification of a toxic salt substitute (LiCl) by using laser induced breakdown spectroscopy (LISS)**
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- XXVIII. **Nanostructured organic semiconductor films for molecular detection with surface-enhanced Raman spectroscopy**
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- XXX. **Synchronous fluorescence spectroscopy for determination of tahini adulteration**
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- XXXII. **Fabrication of SERS active gold nanorods using benzalkonium chloride, and their application to an immunoassay for potato virus X**
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- XXXIII. **Nanoparticle embedded chitosan film for agglomeration free TEM images**
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- XXXIV. **Multiwalled Carbon Nanotube-Chitosan Scaffold: Cytotoxic, Apoptotic and Necrotic Effects on Chondrocyte Cell Lines**
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- XXXVII. **Enhanced Raman spectroscopy coupled to chemometrics for identification and quantification of acetylcholinesterase inhibitors**
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- XL. **Non-enzymatic sensing of glucose using a glassy carbon electrode modified with gold nanoparticles coated with polyethyleneimine and 3-aminophenylboronic acid**
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- XLII. **Paper membrane-based SERS platform for the determination of glucose in blood samples**
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- XLIII. **Micro-/Nanostructured Highly Crystalline Organic Semiconductor Films for Surface-Enhanced Raman Spectroscopy Applications**
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- XLIV. **SERS-based assays for sensitive detection of modafinil**
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- XLV. **Analysis of bakery products by laser-induced breakdown spectroscopy**
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- XLVI. **A new plasmonic device made of gold nanoparticles and temperature responsive polymer brush on a silicon substrate**
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- XLVII. **Cathodic electrochemical deposition of Magneli phases TiO_{2n-1} thin films at different temperatures in acetonitrile solution**
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- XLVIII. **Development of rolling circle amplification based surface-enhanced Raman spectroscopy method for 35S promoter gene detection**
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- LII. **Monosodium glutamate in chicken and beef stock cubes using high-performance liquid chromatography**
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- LIV. **Electrochemical biosensor based on glucose oxidase encapsulated within enzymatically synthesized poly(1,10-phenanthroline-5,6-dione)**
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- LV. **High-yield aqueous synthesis of multi-branched iron oxide core-gold shell nanoparticles: SERS substrate for immobilization and magnetic separation of bacteria**
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- LVI. **Large area uniform deposition of silver nanoparticles through bio-inspired polydopamine coating on silicon nanowire arrays for practical SERS applications**
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- LVIII. **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**
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- LIX. **Electrochemical copper (II) sensor based on chitosan covered gold nanoparticles**
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- LX. **Extremely sensitive sandwich assay of kanamycin using surface-enhanced Raman scattering of 2-mercaptobenzothiazole labeled gold@silver nanoparticles**
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- LXI. **Glucose determination based on a two component self-assembled monolayer functionalized surfaceenhanced Raman spectroscopy (SERS) probe**
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- LXII. **Combining 3-D plasmonic gold nanorod arrays with colloidal nanoparticles as a versatile concept for reliable, sensitive, and selective molecular detection by SERS**
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- LXIV. **Determination of butter adulteration with margarine using Raman spectroscopy**
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- LXV. **DISPERSIVE LIQUID-LIQUID MICROEXTRACTION BASED ON SOLIDIFICATION OF FLOATING ORGANIC DROP COMBINED WITH COUNTER-ELECTROSMOTIC FLOW NORMAL STACKING MODE IN CAPILLARY ELECTROPHORESIS FOR THE DETERMINATION OF BISPENOL A IN WATER AND URINE SAMPLES**
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- LXVI. **Fabrication and characterization of gold-nanoparticles/chitosan film: a scaffold for L929-fibroblasts**
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- LXVII. **Surface enhanced Raman spectroscopy as a new spectral technique for quantitative detection of metal ions**
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- LXVIII. **A novel glucose biosensor platform based on Ag@AuNPs modified graphene oxide nanocomposite and SERS application**
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