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Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü / Fen Fakültesi, Kimya Bölümü, Türkiye 2003 - 2008

Yüksek Lisans, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü / Fen Fakültesi, Kimya Bölümü, Türkiye 2001 - 2003

Lisans, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 1996 - 2001

Yabancı Diller

İngilizce, B2 Orta Üstü

Araştırma Alanları

Yaşam Bilimleri, Biyokimya, Biyomoleküller, Biyoteknoloji, Biyomateryal, Biyosensör, Kimya, Biyokimya, Protein Kimyası, Fizikokimya, Biyopolimerler ve uygulamaları, Polimerik Adsorbentler, Polimerik Malzemeler, Polimerlerin Tıbbi Uygulamaları, Yüzey Kimyası, Temel Bilimler

Akademik Unvanlar / Görevler

Prof. Dr., Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2018 - Devam Ediyor

Yrd. Doç. Dr., Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2010 - 2012

Araştırma Görevlisi, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2008 - 2010

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Akademik İdari Deneyim

Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, 2017 - Devam Ediyor

Yönetilen Tezler

- DENİZLİ A., UZUN L., Metabolit tayinine yönelik biyoesinlenmiş nanomalzemelerin geliştirilmesi ve uygulamaları, Doktora, E.ÖZGÜR(Öğrenci), 2016
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- I. **An electrochemical sensor based on carbon nanofiber and molecular imprinting strategy for dasatinib recognition**
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- IV. **Conducting polymers as a functional recognition interface to design sensors for pathogen and cancer diagnosis**
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- VII. **Pseudomonas aeruginosa imprinted polydopamine@graphene-coated pencil graphite electrode for selective bacterial detection**
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- VIII. **Strategies for the detection, removal and elimination of antidepressants**
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- IX. **Effects of propolis coating on antibacterial resistance of intrauterine devices**

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- X. **Small-Molecule Chemistry Effect on the Functionalization of Polydimethylsiloxane with Hydroxyapatite**
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- XI. **Selective aptasensor for trinitrotoluene detection: Comparison of the detecting performances from liquid and vapor phases**
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- XII. **Comparative MIP sensor technique: photopolymerization or thermal polymerization for the sensitive determination of anticancer drug Regorafenib in different matrixes**
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- XIII. **Fabrication of molecularly imprinted electrochemical sensors for sensitive codeine detection**
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- XIV. **Two different molecularly imprinted polymeric coating techniques for creating sensitive and selective electrochemical sensors for the detection of Ribavirin**
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- XV. **Designing of ZnO nanoparticles oriented interface imprinted electrochemical sensor for fluoxetine detection**
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- XVI. **Nanofiber mats containing lavender oil and methyl jasmonate as an innovative treatment to extend vase life in cut rose flowers**
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- XVII. **Development of etching paste for serial number restoration on aluminum engine block**
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- XIX. **MIP-on-a-chip: Artificial receptors on microfluidic platforms for biomedical applications**
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- XX. **Immunoaffinity silica nanoparticles as efficient nanoprobe for selectively capturing transferrin molecules**
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- XXI. **Upconversion nanoparticles as an immunocomplexing agent for selective detection of caspases via sandwich-like supracomplexes**
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- XXV. **A semi-covalent molecularly imprinted electrochemical sensor for rapid and selective detection of tiotropium bromide**
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- XXVI. **Removal of Atrazine Using Polymeric Cryogels Modified with Cellulose Nanomaterials**
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WATER AIR AND SOIL POLLUTION, cilt.233, sa.11, 2022 (SCI-Expanded)
- XXVII. **Preparation and characterization of a new bio nanocomposites based poly(glycerol sebacic-urethane) containing nano-clay (Cloisite Na+) and its potential application for tissue engineering**
Jaberi N., Fakhri V., Zeraatkar A., Jafari A., UZUN L., Shojaei S., Asefnejad A., Rezaei V. F., Goodarzi V., Su C., et al.
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- XXVIII. **Novel electrochemical sensor based on molecularly imprinted polymer combined with L-His-MWCNTs@PDMS-5 nanocomposite for selective and sensitive assay of tetracycline**
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- XXX. **Characterization of protein adsorption of amino acid conjugated self-assembled molecules modified SiO₂ surfaces by QCM**
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- XXXI. **Simple preparation of surface molecularly imprinted polymer based on silica particles for trace level assay of bisphenol F**
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- XXXIII. **Metal-organic frameworks as an alternative smart sensing platform for designing molecularly imprinted electrochemical sensors**
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- XXXIV. **A porous molecularly imprinted electrochemical sensor for specific determination of bisphenol S from human serum and bottled water samples in femtomolar level**
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- XXXV. **The creation of selective imprinted cavities on quartz crystal microbalance electrode for the detection of melamine in milk sample**
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- XXXVI. **Introducing a flexible drug delivery system based on poly(glycerol sebacate)-urethane and its**

- nanocomposite: potential application in the prevention and treatment of oral diseases**
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- XXXVII. **Modification of cyclodextrin and use in environmental applications**
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- XXXVIII. **A porous molecularly imprinted nanofilm for selective and sensitive sensing of an anticancer drug ruxolitinib**
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- XL. **Designing of various biosensor devices for determination of apoptosis: A comprehensive review**
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- XLI. **Molecularly imprinted polymers in toxicology: a literature survey for the last 5 years**
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- XLII. **Green synthesis and characterization of poly(glycerol-azelaic acid) and its nanocomposites for applications in regenerative medicine**
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- XLIII. **Borate mineral loading into acrylic bone cements to gain cost-effectivity, enhanced antibacterial resistivity, and better cellular integration properties**
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- XLIV. **Impact of Poly(dimethylsiloxane) Surface Modification with Conventional and Amino Acid-Conjugated Self-Assembled Monolayers on the Differentiation of Induced Pluripotent Stem Cells into Cardiomyocytes**
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- XLV. **Anticancer effect of green tea extract (GTE)-Loaded pH-responsive niosome Coated with PEG against different cell lines**
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- XLVI. **Cholesterol removal via cyclodextrin-decoration on cellulose nanocrystal (CNC)-grafted poly(HEMA-GMA) nanocomposite adsorbent**
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- XLVII. **Interface imprinted polymers with well-oriented recognition sites for selective purification of hemoglobin**
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- XLVIII. **A facile surface modification of poly(dimethylsiloxane) with amino acid conjugated self-assembled monolayers for enhanced osteoblast cell behavior**
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- XLIX. **Developing antibacterial superhydrophobic coatings based on polydimethylsiloxane/silver phosphate nanocomposites: Assessment of surface morphology, roughness and chemistry**

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- LI. **Phosphate Anion Imprinted Cryogel Cartridges for Selective Preconcentration of Phosphorylated Amino Acids from Protein Lysate: An Alternative Sorbent for Proteome Analyses**
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- LII. **Lanthanide [Terbium(III)]-Doped Molecularly Imprinted Nanoarchitectures for the Fluorimetric Detection of Melatonin**
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- LIII. **Serial number restoration on polymer surfaces: A survey of recent literature**
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- LIV. **Immunoaffinity biosensor for neurofilament light chain detection and its use in Parkinson's diagnosis**
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- LV. **The role of polycaprolactone-triol (PCL-T) in biomedical applications: A state-of-the-art review**
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- LVI. **Molecular imprinted polymer based electrochemical sensor for selective detection of paraben**
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- LVII. **Magnetic diatomite for pesticide removal from aqueous solution via hydrophobic interactions**
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- LVIII. **Rapid Analysis of Polycyclic Aromatic Hydrocarbons in Water Samples Using an Automated On-line Two-Dimensional Liquid Chromatography**
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- LIX. **A repertoire of biomedical applications of noble metal nanoparticles**
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- LX. **Recent Advancements and New Perspectives of Nanomaterials**
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- LXI. **Multifactorial modeling and optimization of solution and electrospinning parameters to generate superfine polystyrene nanofibers**
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- LXIII. **An electrochemical immunosensor for cardiac Troponin I using electrospun carboxylated multi-walled carbon nanotube-whiskered nanofibres**
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- LXIV. **Cholesterol imprinted composite membranes for selective cholesterol recognition from intestinal mimicking solution**
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- LXV. **Electrochemical performance of nanofibrous highly flexible electrodes enhanced by different structural configurations**
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- LXVI. **Preparation of molecularly imprinted electrochemical sensor for L-phenylalanine detection and its application**
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- LXVII. **Bioinspired design of a polymer-based biohybrid sensor interface**
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- LXVIII. **Molecular Imprinting Applications in Forensic Science**
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- LXIX. **Multiclonal plastic antibodies for selective aflatoxin extraction from food samples**
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- LXX. **Structuring Au nanoparticles on two-dimensional MoS₂ nanosheets for electrochemical glucose biosensors**
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- LXXI. **Acetylene-sourced CVD-synthesised catalytically active graphene for electrochemical biosensing**
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Yayın: 219

Atıf (WoS): 3501

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