

Prof.Dr. LOKMAN UZUN

Kişisel Bilgiler

İş Telefonu: [+90 312 297 7337](tel:+903122977337)

İş Telefonu: [+90 312 297 7941](tel:+903122977941)

Fax Telefonu: [+90 312 299 2163](tel:+903122992163)

E-posta: lokman@hacettepe.edu.tr

Web: <https://avesis.hacettepe.edu.tr/lokman>

Posta Adresi: Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, Biyokimya Anabilim Dalı

Uluslararası Araştırmacı ID'leri

ORCID: 0000-0002-3971-7725

ScopusID: 35957213800

Yoksis Araştırmacı ID: 7477

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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- VII. **Strategies for the detection, removal and elimination of antidepressants**
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- VIII. **Small-Molecule Chemistry Effect on the Functionalization of Polydimethylsiloxane with Hydroxyapatite**
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- IX. **Selective aptasensor for trinitrotoluene detection: Comparison of the detecting performances from liquid and vapor phases**
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- X. **Comparative MIP sensor technique: photopolymerization or thermal polymerization for the sensitive determination of anticancer drug Regorafenib in different matrixes**
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- XI. **Fabrication of molecularly imprinted electrochemical sensors for sensitive codeine detection**
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- XII. **Two different molecularly imprinted polymeric coating techniques for creating sensitive and selective electrochemical sensors for the detection of Ribavirin**
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- XIII. **Designing of ZnO nanoparticles oriented interface imprinted electrochemical sensor for fluoxetine detection**
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- XIV. **Nanofiber mats containing lavender oil and methyl jasmonate as an innovative treatment to extend vase life in cut rose flowers**
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- XV. **Development of etching paste for serial number restoration on aluminum engine block**
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- XVI. **The effects of four different solvent vapours on the restoration of obliterated stamp markings from five different wooden surfaces**
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- XVII. **MIP-on-a-chip: Artificial receptors on microfluidic platforms for biomedical applications**
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- XVIII. **Immunoaffinity silica nanoparticles as efficient nanoprobe for selectively capturing transferrin molecules**
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- XIX. **Highly Selective Benzo[a]Pyrene Detection Even under Competitive Conditions with Molecularly Imprinted Surface Plasmon Resonance Sensor**
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- XX. **Electrochemical sensing of acridinium bromide with metal ion-assisted molecularly imprinted films**
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- XXI. **Upconversion nanoparticles as an immunocomplexing agent for selective detection of caspases via sandwich-like supracomplexes**
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- XXII. **A semi-covalent molecularly imprinted electrochemical sensor for rapid and selective detection of tiotropium bromide**
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- XXIII. **A sensitive and selective electrochemical sensor based on molecularly imprinted polymer for the assay of teriflunomide**

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- XXIV. **Removal of Atrazine Using Polymeric Cryogels Modified with Cellulose Nanomaterials**
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- XXV. **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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- XXVI. **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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- XXVII. **Characterization of protein adsorption of amino acid conjugated self-assembled molecules modified SiO₂ surfaces by QCM**
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- XXVIII. **Surface imprinted upconversion nanoparticles for selective albumin recognition**
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- XXIX. **Simple preparation of surface molecularly imprinted polymer based on silica particles for trace level assay of bisphenol F**
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- XXX. **Enantioselective recognition of esomeprazole with a molecularly imprinted sol-gel-based electrochemical sensor**
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- XXXI. **Metal-organic frameworks as an alternative smart sensing platform for designing molecularly imprinted electrochemical sensors**
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- XXXII. **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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- XXXIII. **The creation of selective imprinted cavities on quartz crystal microbalance electrode for the detection of melamine in milk sample**
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- XXXIV. **Modification of cyclodextrin and use in environmental applications**
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- XXXV. **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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- XXXVI. **A porous molecularly imprinted nanofilm for selective and sensitive sensing of an anticancer drug ruxolitinib**
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- XXXVII. **A spectroscopic approach for rapid and simple serial number restoration on polyamide 6 parts of firearms: The use of video spectral comparator 8000**
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- XXXVIII. **Designing of various biosensor devices for determination of apoptosis: A comprehensive review**
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- XXXIX. **Molecularly imprinted polymers in toxicology: a literature survey for the last 5 years**
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- XL. **Green synthesis and characterization of poly(glycerol-azelaic acid) and its nanocomposites for applications in regenerative medicine**
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- XLI. **Borate mineral loading into acrylic bone cements to gain cost-effectivity, enhanced antibacterial resistivity, and better cellular integration properties**
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- XLII. **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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- XLIII. **Anticancer effect of green tea extract (GTE)-Loaded pH-responsive niosome Coated with PEG against different cell lines**
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- XLV. **Cholesterol removal via cyclodextrin-decoration on cellulose nanocrystal (CNC)-grafted poly(HEMA-GMA) nanocomposite adsorbent**
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- XLVI. **A facile surface modification of poly(dimethylsiloxane) with amino acid conjugated self-assembled monolayers for enhanced osteoblast cell behavior**
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- XLVII. **Developing antibacterial superhydrophobic coatings based on polydimethylsiloxane/silver phosphate nanocomposites: Assessment of surface morphology, roughness and chemistry**
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- XLVIII. **Purification of Fab and Fc using papain immobilized cryogel bioreactor separator system**
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- XLIX. **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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- L. **Lanthanide [Terbium(III)]-Doped Molecularly Imprinted Nanoarchitectures for the Fluorimetric Detection of Melatonin**
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- LI. **Serial number restoration on polymer surfaces: A survey of recent literature**
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- LII. **Immunoaffinity biosensor for neurofilament light chain detection and its use in Parkinson's diagnosis**
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- LIII. **The role of polycaprolactone-triol (PCL-T) in biomedical applications: A state-of-the-art review**
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- LV. **Magnetic diatomite for pesticide removal from aqueous solution via hydrophobic interactions**
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- LVI. **Rapid Analysis of Polycyclic Aromatic Hydrocarbons in Water Samples Using an Automated On-line Two-Dimensional Liquid Chromatography**
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- LVII. **A repertoire of biomedical applications of noble metal nanoparticles**
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- LVIII. **Recent Advancements and New Perspectives of Nanomaterials**
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- LIX. **Multifactorial modeling and optimization of solution and electrospinning parameters to generate superfine polystyrene nanofibers**
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- LX. **Determination of Ochratoxin A traces in foodstuffs: Comparison of an automated on-line two-dimensional high-performance liquid chromatography and off-line immunoaffinity-high-performance liquid chromatography system**
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- LXI. **An electrochemical immunosensor for cardiac Troponin I using electrospun carboxylated multi-walled carbon nanotube-whiskered nanofibres**
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- LXII. **Cholesterol imprinted composite membranes for selective cholesterol recognition from intestinal mimicking solution**
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- LXIII. **Electrochemical performance of nanofibrous highly flexible electrodes enhanced by different structural configurations**
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- LXIV. **Preparation of molecularly imprinted electrochemical sensor for L-phenylalanine detection and its application**
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- LXV. **Bioinspired design of a polymer-based biohybrid sensor interface**
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- LXVI. **Molecular Imprinting Applications in Forensic Science**
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- LXVII. **Multiclonal plastic antibodies for selective aflatoxin extraction from food samples**
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- LXVIII. **Structuring Au nanoparticles on two-dimensional MoS₂ nanosheets for electrochemical glucose biosensors**
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- LXIX. **Acetylene-sourced CVD-synthesised catalytically active graphene for electrochemical biosensing**
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- LXX. **Affinity purification lipase from wheat germ: comparison of hydrophobic and metal chelation effect**
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