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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Fen Bilimleri, Kimya, Türkiye 2011 - 2016

Yüksek Lisans, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Anabilim Dalı/Biyokimya, Türkiye 2008 - 2011

Lisans, Hacettepe Üniversitesi, Ortaöğretim Fen Ve Matematik Alanları, Kimya Öğretmenliği, Türkiye 2003 - 2008

Araştırma Alanları

Kimya, Biyokimya, Biyofiziksel Kimya, Temel Bilimler

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2021 - Devam Ediyor

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- PolyPyrrole based-impedimetric aptasensor for selective determination of beta-HCG from urine sample**
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- A molecularly imprinted polymer-based detection platform confirmed through molecular modeling for the highly sensitive and selective analysis of ipratropium bromide**
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- Conducting polymers as a functional recognition interface to design sensors for pathogen and cancer diagnosis**
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- VI. **Human periodontal ligament stem cells-derived exosomes-loaded hybrid hydrogel enhances the calvarial defect regeneration in middle-age rats**
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- VII. **Molecular imprinted based microcryogels for thrombin purification**
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- VIII. **Highly Selective Benzo[a]Pyrene Detection Even under Competitive Conditions with Molecularly Imprinted Surface Plasmon Resonance Sensor**
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- IX. **Inspirations of Biomimetic Affinity Ligands: A Review**
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- X. **Quartz Crystal Microbalance-Based Aptasensors for Medical Diagnosis**
AKGÖNÜLLÜ S., ÖZGÜR E., DENİZLİ A.
MICROMACHINES, cilt.13, sa.9, 2022 (SCI-Expanded)
- XI. **Diclofenac Imprinted Surface Plasmon Resonance (SPR) Based Sensor**
Caktu K., ÖZGÜR E., BERELİ N., DENİZLİ A.
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- XII. **The creation of selective imprinted cavities on quartz crystal microbalance electrode for the detection of melamine in milk sample**
Comert S. C., ÖZGÜR E., UZUN L., ODABAŞI M.
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- XIII. **Recent Advances in Quartz Crystal Microbalance Biosensors Based on the Molecular Imprinting Technique for Disease-Related Biomarkers**
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- XIV. **A porous molecularly imprinted nanofilm for selective and sensitive sensing of an anticancer drug ruxolitinib**
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- XV. **Artificial Carbonic Anhydrase via the Molecular Imprinting Approach for Carbon Dioxide Bioconversion**
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- XVI. **Borate mineral loading into acrylic bone cements to gain cost-effectivity, enhanced antibacterial resistivity, and better cellular integration properties**
Kaplan M., ÖZGÜR E., ERSOY O., Kehribar L., İDİL N., UZUN L.
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- XVII. **Bifunctional sharkskin mimicked chitosan/graphene oxide membranes: Reduced biofilm formation and improved cytocompatibility**
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- XVIII. **Interface imprinted polymers with well-oriented recognition sites for selective purification of hemoglobin**
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COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.197, 2021 (SCI-Expanded)
- XIX. **Phosphate Anion Imprinted Cryogel Cartridges for Selective Preconcentration of Phosphorylated**

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- XX. **Lanthanide [Terbium(III)]-Doped Molecularly Imprinted Nanoarchitectures for the Fluorimetric Detection of Melatonin**
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- XXI. **Molecularly imprinted polymer integrated plasmonic nanosensor for cocaine detection**
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- XXII. **Immunoaffinity biosensor for neurofilament light chain detection and its use in Parkinson's diagnosis**
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- XXIII. **Surface plasmon resonance based biomimetic sensor for urinary tract infections**
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- XXIV. **Molecular imprinted polymer based electrochemical sensor for selective detection of paraben**
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- XXV. **Rapid Analysis of Polycyclic Aromatic Hydrocarbons in Water Samples Using an Automated On-line Two-Dimensional Liquid Chromatography**
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- XXVI. **Design and preparation of imprinted surface plasmon resonance (SPR) nanosensor for detection of Zn(II) ions**
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- XXVII. **A repertoire of biomedical applications of noble metal nanoparticles**
Azharuddin M., Zhu G. H., Das D., ÖZGÜR E., UZUN L., Turner A. P. F., Patra H. K.
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- XXVIII. **Real time monitoring and label free creatinine detection with artificial receptors**
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- XXIX. **Quartz crystal microbalance based histidine sensor**
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- XXX. **Bioinspired design of a polymer-based biohybrid sensor interface**
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- XXXI. **Plastic antibody based surface plasmon resonance nanosensors for selective atrazine detection**
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- XXXII. **Molecular Imprinting of Macromolecules for Sensor Applications**
SAYLAN Y., Yilmaz F., ÖZGÜR E., DERAZSHAMSHIR A., Yavuz H., DENİZLİ A.
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- XXXIII. **Microcontact imprinted quartz crystal microbalance nanosensor for protein C recognition**

- Bakhshpour M., ÖZGÜR E., BERELİ N., DENİZLİ A.
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.151, ss.264-270, 2017 (SCI-Expanded)
- XXXIV. **Molecularly Imprinted Quartz Crystal Microbalance Sensor (QCM) for Bilirubin Detection**
ÇİÇEK Ç., YILMAZ F., ÖZGÜR E., Yavuz H., DENİZLİ A.
CHEMOSENSORS, cilt.4, sa.4, 2016 (SCI-Expanded)
- XXXV. **PolyAdenine cryogels for fast and effective RNA purification**
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- XXXVI. **Whole cell imprinting based Escherichia coli sensors: A study for SPR and QCM**
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- XXXVIII. **Rapid real-time detection of procalcitonin using a microcontact imprinted surface plasmon resonance biosensor**
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- XXXIX. **PHEMA cryogel for in-vitro removal of anti-dsDNA antibodies from SLE plasma**
ÖZGÜR E., BERELİ N., TÜRKMEN D., ÜNAL S., DENİZLİ A.
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- XL. **Quartz crystal microbalance based nanosensor for lysozyme detection with lysozyme imprinted nanoparticles**
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Diğer Dergilerde Yayınlanan Makaleler

- I. **Progress in conducting polymers for biointerfacing and biorecognition applications**
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Kitap & Kitap Bölümleri

- I. **Mass-sensitive based biosensors**
ÖZGÜR E., SAYLAN İNCİ Y., AKGÖNÜLLÜ S., DENİZLİ A.
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- II. **Nanosensors for smartphone-enabled sensing devices**
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Nanotechnology-Based Smart Remote Sensing Networks for Disaster Prevention, , Editör, Elsevier, ss.85-1104, 2022
- III. **Ultrasensitive Sensors Based o Plasmonic Nanoparticles**
Denizli F., GÖKTÜRK BAŞAL I., ÖZGÜR E., YILMAZ F.
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- IV. **Plasmonic Smart Nanosensors for the Determination of Environmental Pollutants**
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- V. **Gold Nanoparticles and Molecular Imprinting Technique**
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- VI. **Molecularly Imprinted Nanomaterials: Applications in Biosensors and Biodiagnostics**
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- VII. **Surface plasmon resonance sensors for medical diagnosis**
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- VIII. **Yüzey Plazmon Rezonans Sensörler**
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Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Effective RNA Purification via Adenine Decorated Cryogels**
KÖSE K., EROL K., ÖZGÜR E., UZUN L., DENİZLİ A.
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- II. **Phenylalanine functionalized monolith coupled on-line with two-dimensional HPLC for simultaneous quantitative determination endocrine disruptors.**
ARMUTCU ÇORMAN C., ÇORMAN M. E., ÖZGÜR E., BAYRAM E., UZUN L.
AFFINITY 2017, Paris, Fransa, 25 - 29 Haziran 2017
- III. **Phenylalanine functionalized monolith coupled on-line with two-dimensional HPLC for simultaneous quantitative determination endocrine disruptors.**
ARMUTCU ÇORMAN C., ÇORMAN M. E., ÖZGÜR E., BAYRAM E., UZUN L.
AFFINITY 2017, Paris, Fransa, 25 - 29 Haziran 2017
- IV. **Smart polymerisable terbium III complex based fluorescent MIP nanoparticles**
UZUN L., ÖZGÜR E., Patra H. K., Turner A. P.
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- V. **Porous functional nanofilms for designing bioinspired sensor surfaces**
ÖZGÜR E., Parlak O., UZUN L., Beni V., Turner A. P.
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- VI. **Microcontact imprinted surface plasmon resonance biosensor for rapid procalcitonin detection**
ŞENER G., ÖZGÜR E., Rad A. Y., UZUN L., SAY R., DENİZLİ A.
246th National Meeting of the American-Chemical-Society (ACS), Indiana, Amerika Birleşik Devletleri, 8 - 12 Eylül 2013, cilt.246

Desteklenen Projeler

ÖZGÜR E., UZUN L., Yükseköğretim Kurumları Destekli Proje, Karbondioksitin (CO₂) Biyolojik Dönüşümüne Yönelik Biyoyumlu Yapay Karbonik Anhidraz, 2019 - 2021

UZUN L., ÖZGÜR E., Yaman Y. T., Yükseköğretim Kurumları Destekli Proje, Seçici Paraben Tayini İçin Moleküler Baskılanmış Elektrokimyasal Sensörlerin Geliştirilmesi, 2017 - 2018

ŞENEL S., ÖZGÜR E., UZUN L., Yükseköğretim Kurumları Destekli Proje, Nörofilament hafifi zinciri tayini için immunoafinite sensörün geliştirilmesi ve Parkinson tanısında kullanımının araştırılması, 2017 - 2017

UZUN L., ÖZGÜR E., Yükseköğretim Kurumları Destekli Proje, Biyoesinlenmiş Biyo-arayüzeylerin Biyosensör ve Kontrollü

Salm Özelliklerinin İncelenmesi, 2016 - 2017

ÖZGÜR E., TÜBİTAK Projesi, Melatonin Baskılanmış Floresan Nanopartiküllerin Tasarımı, Üretimi Ve Mevsimsel Duygusal Bozukluk Teşhisinde Kullanımının İncelenmesi, 2013 - 2014

Metrikler

Yayın: 57

Atıf (WoS): 493

Atıf (Scopus): 1372

H-İndeks (WoS): 11

H-İndeks (Scopus): 18

Akademi Dışı Deneyim

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