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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Hacettepe Üniversitesi, Mühendislik Fakültesi, Türkiye 1992 - Devam Ediyor

Yüksek Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Türkiye 1986 - Devam Ediyor

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Türkiye 1985 - Devam Ediyor

Yabancı Diller

İngilizce, C1 İleri

Yaptığı Tezler

Doktora, Hemoperfüzyon için spesifik sorbentler, Hacettepe Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 1992

Yüksek Lisans, Phema-BGA bazlı matrislerden 5-fluorouracilin kontrollü salınımı, Hacettepe Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, 1986

Araştırma Alanları

Kimya Mühendisliği ve Teknolojisi , Biyoteknoloji, Biyoproses Ayrırma İşlemleri, Kimya, Biyokimya, Aminoasitler, Protein Kimyası, Temel Bilimler, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Prof.Dr., Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2011 - Devam Ediyor

Yönetilen Tezler

DENİZLİ A., PREPARATION OF FAB FRAGMENT IMMOBILIZED IMMUNOAFFINITY CRYOGELS AND ALBUMIN PURIFICATION, Doktora, S.HUSEYNLI(Öğrenci), 2018

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I. Designing composite cryogel carriers for tyrosine adsorption

Ozturk G., SAYLAN Y., DENİZLİ A.

SEPARATION AND PURIFICATION TECHNOLOGY, cilt.254, 2021 (SCI İndekslerine Giren Dergi)

- II. **Comparison of molecularly imprinted plasmonic nanosensor performances for bacteriophage detection**
Erdem O., CİHANGİR N., SAYLAN Y., DENİZLİ A.
NEW JOURNAL OF CHEMISTRY, cilt.44, ss.17654-17663, 2020 (SCI İndekslerine Giren Dergi)
- III. **Detection of amoxicillin residues in egg extract with a molecularly imprinted polymer on gold microchip using surface plasmon resonance and quartz crystal microbalance methods**
BERELİ N., ÇİMEN D., Huseynli S., DENİZLİ A.
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- IV. **Detection of cardiac troponin-I by optic biosensors with immobilized anti-cardiac troponin-I monoclonal antibody**
ÇİMEN D., BERELİ N., Gunaydin S., DENİZLİ A.
TALANTA, cilt.219, 2020 (SCI İndekslerine Giren Dergi)
- V. **Preparation of lysozyme loaded gelatin microcryogels and investigation of their antibacterial properties**
ÇETİN K., ASLIYÜCE ÇOBAN S., İDİL N., DENİZLİ A.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, 2020 (SCI İndekslerine Giren Dergi)
- VI. **Protein chromatography by molecular imprinted cryogels**
BERELİ N., Yavuz H., DENİZLİ A.
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, cilt.43, ss.657-670, 2020 (SCI İndekslerine Giren Dergi)
- VII. **Molecular docking of metal ion immobilized ligands to proteins in affinity chromatography**
Salha D., Andac M., DENİZLİ A.
JOURNAL OF MOLECULAR RECOGNITION, 2020 (SCI İndekslerine Giren Dergi)
- VIII. **Magnetic bacterial cellulose nanofibers for nucleoside recognition**
SAYLAN Y., GÖKTÜRK BAŞAL I., Pospiskova K., Safarik I., DENİZLİ A.
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- IX. **Lanthanide [Terbium(III)]-Doped Molecularly Imprinted Nanoarchitectures for the Fluorimetric Detection of Melatonin**
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- X. **Metal-chelated magnetic nanoparticles for protein C purification**
ÇİMEN D., BERELİ N., DENİZLİ A.
SEPARATION SCIENCE AND TECHNOLOGY, cilt.55, ss.2259-2268, 2020 (SCI İndekslerine Giren Dergi)
- XI. **A composite of imprinted polypyrrole beads and reduced graphene oxide for specific electrochemical sensing of atrazine in complex matrices**
Ahmed S., Shaikh H., Solangi A., Berek J., Sirajuddin S., DENİZLİ A., Agheem M. H.
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- XII. **Molecularly imprinted smart cryogels for selective nickel recognition in aqueous solutions**
Andac M., Tamahkar E., DENİZLİ A.
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- XIII. **Adenosine-imprinted magnetic core-shell polyvinylbutyral microbeads for quantification of adenosine in plasma**
Jalilzadeh M., ÇİMEN D., DENİZLİ A.
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- XIV. **Molecularly imprinted cryogel beads for cholesterol removal from milk samples**
KARTAL F., DENİZLİ A.
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- XV. **Biomimetic Nanoparticles Based Surface Plasmon Resonance Biosensors for Histamine Detection in Foods**

- Rahtuvanoglu A., AKGÖNÜLLÜ S., Karacan S., DENİZLİ A.
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- XVI. **Surface plasmon resonance based biomimetic sensor for urinary tract infections**
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- XVII. **Composite Polymeric Cryogel Cartridges for Selective Removal of Cadmium Ions from Aqueous Solutions**
Huseynli S., Bakhshpour M., Qureshi T., Andac M., DENİZLİ A.
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- XVIII. **Electrochromatographic separation of hydrophobic amino acid enantiomers by molecularly imprinted capillary columns**
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- XIX. **Molecularly imprinted cryogel cartridges for the selective recognition of tyrosine**
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- XX. **Surface Plasmon Resonance Nanosensors for Detecting Amoxicillin in Milk Samples with Amoxicillin Imprinted Poly(hydroxyethyl methacrylate-N-methacryloyl-(L)- glutamic acid)**
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- XXI. **A disposable microfluidic-integrated hand-held plasmonic platform for protein detection**
Inci F., Saylan Y., Kojouri A. M. , Ogut M. G. , DENİZLİ A., Demirci U.
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- XXII. **HbA1c detection via high-sensitive boronate based surface plasmon resonance sensor**
Calisir M., Bakhshpour M., Yavuz H., DENİZLİ A.
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- XXIII. **Development of Rapid, Sensitive, and Effective Plasmonic Nanosensor for the Detection of Vitamins in Infact Formula and Milk Samples**
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- XXIV. **Poly(Hydroxyethyl Methacrylate) Immunoaffinity Cryogel Column for the Purification of Human Immunoglobulin M**
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- XXV. **Rapid and sensitive detection of synthetic cannabinoids JWH-018, JWH-073 and their metabolites using molecularly imprinted polymer-coated QCM nanosensor in artificial saliva**
AKGÖNÜLLÜ S., Battal D., Yalcin M. S. , Yavuz H., DENİZLİ A.
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- XXVI. **Molecularly imprinted polymer integrated plasmonic nanosensor for cocaine detection**
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Journal of Biomaterials Science, Polymer Edition, 2020 (SCI İndekslerine Giren Dergi)
- XXVII. **Preparation, characterization, and binding profile of imprinted semi-IPN cryogel composite for aluminum**
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- XXVIII. **Advances in Molecularly Imprinted Systems: Materials, Characterization Methods and Analytical Applications**
SAYLAN Y., DENİZLİ A.
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- XXIX. **Surface-imprinted silica particles for Concanavalin A purification from Canavalia ensiformis**
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- XXX. **Ag⁺ ions imprinted cryogels for selective removal of silver ions from aqueous solutions**
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- XXXI. **Selective detection of Escherichia coli caused UTIs with surface imprinted plasmonic nanoscale sensor**
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- XXXII. **Quartz crystal microbalance biosensor for label-free MDA MB 231 cancer cell detection via notch-4 receptor**
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- XXXIII. **Molecularly Imprinted Polymer-Based Microfluidic Systems for Point-of-Care Applications**
SAYLAN Y., DENİZLİ A.
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- XXXIV. **Combined protein A imprinting and cryogelation for production of spherical affinity material**
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- XXXV. **A dye-affinity cryogel membrane for malate dehydrogenase purification from Saccharomyces cerevisiae**
Hamade K., Gokturk I., BERELİ N., TÜRKMEN D., Elkak A., DENİZLİ A.
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- XXXVI. **Polymethacryloyl-L-Phenylalanine [PMAPA]-Based Monolithic Column for Capillary Electrochromatography**
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- XXXVII. **Design and preparation of imprinted surface plasmon resonance (SPR) nanosensor for detection of Zn(II) ions**
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- XXXVIII. **Detecting Fingerprints of Waterborne Bacteria on a Sensor**
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- XXXIX. **Rapid sensing of Cu⁺² in water and biological samples by sensitive molecularly imprinted based plasmonic biosensor**
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MICROCHEMICAL JOURNAL, cilt.148, ss.141-150, 2019 (SCI İndekslerine Giren Dergi)
- XL. **Cholesterol removal from human plasma with biologically modified cryogels**
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13.ULUSAL AFİNİTE TEKNİKLERİ KONGRESİ, Türkiye, 4 - 06 Eylül 2019
- II. **KAPILER ELEKTROKROMATOĞRAFI İÇİN POLİMETAKRİLOİL-LFENİLALANIN [PMAPA]-TABANLI MONOLİTİK KOLON**
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