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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

DENİZLİ A., Amoksisilin Baskılanmış Yüzey Plazmon Rezonans Nanosensörler, Yüksek Lisans, S.FAALNOURI(Öğrenci), 2018

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D.SARI(Öğrenci), 2017

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UZUN L., DENİZLİ A., Gold nanoparticle based colorimetric sensors for heavy metal ions detection, Doktora, G.ŞENER(Öğrenci), 2014

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DENİZLİ A., Protein C saflaştırılması için moleküler baskılanmış adsorbentler, Yüksek Lisans, B.DEMİRCİ(Öğrenci), 2013

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DENİZLİ A., Hidrofilik etkileşim kromatografisi ve ters faz sıvı kromatografisi için yeni polimetakrilat bazlı monolitik kapiler kolonların hazırlanması, karakterizasyonu ve biyokromatografide kullanımı, Doktora, C.AYDOĞAN(Öğrenci), 2013

DENİZLİ A., İnsan serum albumin baskılanmış eş boyutlu manyetik poli(glisidil metakrilat) partiküller, Yüksek Lisans, F.KARTAL(Öğrenci), 2013

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DENİZLİ A., Synthesis and characterization of ion-imprinted thermosensitive polymers for Fe³⁺ removal from human plasma, Yüksek Lisans, S.UTKU(Öğrenci), 2007

DENİZLİ A., Aluminum removal from human plasma based on molecular recognition using imprinted polymers, Yüksek Lisans, A.HAMDİ(Öğrenci), 2007

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DENİZLİ A., DNA carrying magnetic bioaffinity sorbents for systemic lupus erythematosus disease, Yüksek Lisans, M.ODABAŞI(Öğrenci), 2000

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayımlanan Makaleler

1. **Molecularly imprinted nanofilms for endotoxin detection using an surface plasmon resonance sensor**

ÇİMEN D., ASLIYÜCE ÇOBAN S., TANALP T. D. , DENİZLİ A.

ANALYTICAL BIOCHEMISTRY, cilt.632, 2021 (SCI İndekslerine Giren Dergi)

- II. **Amino acid functionalized macroporous gelatin cryogels: Characterization and effects on cell proliferation**
Bayrak G., PERÇİN DEMİRÇELİK I., KILIÇ SÜLOĞLU A., DENİZLİ A.
PROCESS BIOCHEMISTRY, cilt.110, ss.100-109, 2021 (SCI İndekslerine Giren Dergi)
- III. **Selective dopamine detection by SPR sensor signal amplification using gold nanoparticles**
TÜRKMEN D., Bakhshpour M., GÖKTÜRK BAŞAL I., Asir S., YILMAZ F., DENİZLİ A.
NEW JOURNAL OF CHEMISTRY, cilt.45, ss.18296-18306, 2021 (SCI İndekslerine Giren Dergi)
- IV. **Ion-imprinted-based nanochelators for iron(III) removal from synthetic gastric fluid**
Sangu H. D. , AKGÖNÜLLÜ S., DENİZLİ A.
POLYMER BULLETIN, 2021 (SCI İndekslerine Giren Dergi)
- V. **Recognition of human hemoglobin with macromolecularly imprinted polymeric nanoparticles using non-covalent interactions**
AYLAZ G., Andac M., DENİZLİ A., DUMAN M.
JOURNAL OF MOLECULAR RECOGNITION, 2021 (SCI İndekslerine Giren Dergi)
- VI. **Real-Time Detection of Fibrinogen via Imprinted Recognition Sites**
ÇİMEN D., ÜZEK R., Gunaydin S., DENİZLİ A.
CHEMISTRYSELECT, cilt.6, sa.35, ss.9435-9441, 2021 (SCI İndekslerine Giren Dergi)
- VII. **Surface Plasmon Resonance-Based Immunosensor for Igm Detection with Gold Nanoparticles**
BERELİ N., Bakhshpour M., TOPÇU A. A. , DENİZLİ A.
MICROMACHINES, cilt.12, sa.9, 2021 (SCI İndekslerine Giren Dergi)
- VIII. **S-citalopram imprinted monolithic columns for capillary electrochromatography enantioseparations**
Derazshamshir A., GÖKTÜRK BAŞAL I., YILMAZ F., DENİZLİ A.
ELECTROPHORESIS, 2021 (SCI İndekslerine Giren Dergi)
- IX. **Patulin Imprinted Nanoparticles Decorated Surface Plasmon Resonance Chips for Patulin Detection**
ÇİMEN D., BERELİ N., DENİZLİ A.
PHOTONIC SENSORS, 2021 (SCI İndekslerine Giren Dergi)
- X. **Development of ion imprinted based magnetic nanoparticles for selective removal of arsenic (III) and arsenic (V) from wastewater**
TÜRKMEN D., Turkmen M. O. , AKGÖNÜLLÜ S., DENİZLİ A.
SEPARATION SCIENCE AND TECHNOLOGY, 2021 (SCI İndekslerine Giren Dergi)
- XI. **Binding modes of cibacron blue with albumin in affinity chromatography using docking tools**
Kilic S., Andac M., DENİZLİ A.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.183, ss.110-118, 2021 (SCI İndekslerine Giren Dergi)
- XII. **Injectable Cryogels in Biomedicine**
ÇİMEN D., Ozbek M. A. , BERELİ N., Mattiasson B., DENİZLİ A.
GELS, cilt.7, sa.2, 2021 (SCI İndekslerine Giren Dergi)
- XIII. **Optical Sensor-Based Molecular Imprinted Poly(Hydroxyethyl Methacrylate-N-Methacryloyl-(L)-Histidine Methyl ester) Thin Films for Determination of Tartrazine in Fruit Juice**
BERELİ N., ÇİMEN D., DENİZLİ A.
IEEE SENSORS JOURNAL, cilt.21, sa.12, ss.13215-13222, 2021 (SCI İndekslerine Giren Dergi)
- XIV. **Spongy membranes for peroxidase purification from Brassica oleracea roots**
Pesint G. B. , Zenger O., PERÇİN DEMİRÇELİK I., DENİZLİ A.
PROCESS BIOCHEMISTRY, cilt.103, ss.98-106, 2021 (SCI İndekslerine Giren Dergi)
- XV. **Quartz Crystal Microbalance (QCM) Based Biosensor Functionalized by HER2/neu Antibody for Breast Cancer Cell Detection**
YILMAZ M., Bakhshpour M., GÖKTÜRK BAŞAL I., Piskin A. K. , DENİZLİ A.
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- XVI. **Molecularly imprinted polymer film based plasmonic sensors for detection of ochratoxin A in dried fig**

- AKGÖNÜLLÜ S., ARMUTCU ÇORMAN C., DENİZLİ A.
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- XVII. **Detection of Melamine by Using Fluorescent Nanocomposites with Specific Recognition Sites**
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- XVIII. **Surface Plasmon Resonance Based on Molecularly Imprinted Polymeric Film for l-Phenylalanine Detection**
ÇİMEN D., BERELİ N., DENİZLİ A.
BIOSENSORS-BASEL, cilt.11, sa.1, 2021 (SCI İndekslerine Giren Dergi)
- XIX. **Selective recognition of nucleosides by boronate affinity organic-inorganic hybrid monolithic column**
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- XX. **Designing composite cryogel carriers for tyrosine adsorption**
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- XXI. **Heavy metal removal with magnetic coffee grain**
ASLIYÜCE ÇOBAN S., Safarik I., DENİZLİ A.
TURKISH JOURNAL OF CHEMISTRY, cilt.45, sa.1, ss.157-166, 2021 (SCI İndekslerine Giren Dergi)
- XXII. **Detection of amoxicillin residues in egg extract with a molecularly imprinted polymer on gold microchip using surface plasmon resonance and quartz crystal microbalance methods**
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- XXIII. **Comparison of molecularly imprinted plasmonic nanosensor performances for bacteriophage detection**
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NEW JOURNAL OF CHEMISTRY, cilt.44, sa.41, ss.17654-17663, 2020 (SCI İndekslerine Giren Dergi)
- XXIV. **Detection of cardiac troponin-I by optic biosensors with immobilized anti-cardiac troponin-I monoclonal antibody**
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- XXV. **Preparation of lysozyme loaded gelatin microcryogels and investigation of their antibacterial properties**
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- XXVI. **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)
- XXVII. **Metal-chelated magnetic nanoparticles for protein C purification**
ÇİMEN D., BERELİ N., DENİZLİ A.
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- XXVIII. **Molecular docking of metal ion immobilized ligands to proteins in affinity chromatography**
Salha D., Andac M., DENİZLİ A.
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- XXIX. **Lanthanide [Terbium(III)]-Doped Molecularly Imprinted Nanoarchitectures for the Fluorimetric Detection of Melatonin**
ÖZGÜR E., Patra H. K. , Turner A. P. F. , DENİZLİ A., UZUN L.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.59, sa.36, ss.16068-16076, 2020 (SCI İndekslerine Giren Dergi)

- XXX. **Magnetic bacterial cellulose nanofibers for nucleoside recognition**
SAYLAN Y., GÖKTÜRK BAŞAL I., Pospiskova K., Safarik I., DENİZLİ A.
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- XXXI. **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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- XXXII. **Molecularly imprinted smart cryogels for selective nickel recognition in aqueous solutions**
Andac M., Tamahkar E., DENİZLİ A.
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- XXXIII. **Molecularly imprinted cryogel beads for cholesterol removal from milk samples**
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- XXXIV. **Adenosine-imprinted magnetic core-shell polyvinylbutyral microbeads for quantification of adenosine in plasma**
Jalilzadeh M., ÇİMEN D., DENİZLİ A.
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- XXXV. **Biomimetic Nanoparticles Based Surface Plasmon Resonance Biosensors for Histamine Detection in Foods**
Rahtuvanoglu A., AKGÖNÜLLÜ S., Karacan S., DENİZLİ A.
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- XXXVI. **Surface plasmon resonance based biomimetic sensor for urinary tract infections**
ÖZGÜR E., TOPÇU A. A. , YILMAZ E., DENİZLİ A.
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- XXXVII. **Electrochromatographic separation of hydrophobic amino acid enantiomers by molecularly imprinted capillary columns**
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- XXXVIII. **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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- XXXIX. **Molecularly imprinted cryogel cartridges for the selective recognition of tyrosine**
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- XL. **Surface Plasmon Resonance Nanosensors for Detecting Amoxicillin in Milk Samples with Amoxicillin Imprinted Poly(hydroxyethyl methacrylate-N-methacryloyl-(L)- glutamic acid)**
Faalnouri S., ÇİMEN D., BERELİ N., DENİZLİ A.
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Toplam Atıf Sayısı (WOS):9050

h-indeksi (WOS):49