

## Prof. Dr. ADİL DENİZLİ

### Kişisel Bilgiler

İş Telefonu: [+90 312 297 7963](tel:+903122977963)

E-posta: [denizli@hacettepe.edu.tr](mailto:denizli@hacettepe.edu.tr)

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

Posta Adresi: Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü Beytepe Kampüsü 06532 Çankaya-ANKARA

### Uluslararası Araştırmacı ID'leri

ORCID: 0000-0001-7548-5741

Yoksis Araştırmacı ID: 169588

### 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., Amoksisilin Baskılanmış Yüzeysel Plazmon Rezonans Nanosensörler, Yüksek Lisans, S.FAALNOURI(Öğrenci), 2018

DENİZLİ A., PREPARATION OF FAB FRAGMENT IMMOBILIZED IMMUNOAFFINITY CRYOGELS AND ALBUMIN

PURIFICATION, Doktora, S.HUSEYNLI(Öğrenci), 2018

DENİZLİ A., Characterization of metal ions interactions in immobilized metal ion affinity chromatography by using computational tools, Yüksek Lisans, D.SALHA(Öğrenci), 2017

DENİZLİ A., Kapiler elektrokromatografi yöntemiyle D,L ampisilin enantiyomerlerinin ayrımı, Yüksek Lisans, D.SARI(Öğrenci), 2017

DENİZLİ A., Preparation of hemoglobin imprinted surface plasmon resonance biosensors, Doktora, Y.SAYLAN(Öğrenci), 2017

DENİZLİ A., VİTAMİN TAYİNİ İÇİN YÜZEY PLAZMON REZONANS (SPR) TEMELLİ NANOSENSÖRLERİN HAZIRLANMASI, Doktora, D.ÇİMEN(Öğrenci), 2017

DENİZLİ A., OKRATOKSİN A TAYİNİ İÇİN MONOLİTİK AFİNİTE KOLONLARININ HAZIRLANMASI VE İKİ-BOYUTLU HPLC SİSTEMİNDE ÇEVİRİMİÇİ ANALİZLERİN İNCELENMESİ, Doktora, C.ARMUTCU(Öğrenci), 2017

DENİZLİ A., Mikroalbumin tayini için SPR temelli nanosensörlerin hazırlanması, Yüksek Lisans, M.KOCA(Öğrenci), 2017

DENİZLİ A., Bakteriyel selüloz nanofiberler ile protein uzaklaştırılması, Doktora, I.GÖKTÜRK(Öğrenci), 2016

DENİZLİ A., UZUN L., Metabolit tayinine yönelik biyoesinlenmiş nanomalzemelerin geliştirilmesi ve uygulamaları, Doktora, E.ÖZGÜR(Öğrenci), 2016

DENİZLİ A., Protein A baskılanmış süpermakrogözenekli poli (hidroksietil-metakrilat) kriyojeller, Doktora, S.ASLIYÜCE(Öğrenci), 2015

DENİZLİ A., Kreatinin baskılanmış makrogözenekli poli(hidroksietil-metakrilat) kriyojeller, Doktora, A.ARİF(Öğrenci), 2015

DENİZLİ A., CCP antikorlarının tayini için yüzey plazmon rezonans temelli biyosensörlerin hazırlanması, Yüksek Lisans, H.DİBEKKAYA(Öğrenci), 2015

DENİZLİ A., Östradiol tanıma bölgelerine sahip yüzey plazmon rezonans sensörlerin hazırlanması, Doktora, E.ALPER(Öğrenci), 2014

DENİZLİ A., Diklofenak baskılanmış yüzey plazmon rezonans temelli biyosensörün hazırlanması, Doktora, K.ÇAKTÜ(Öğrenci), 2014

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

DENİZLİ A., Cytochrome C purification with surface imprinted bacterial cellulose nanofibers, Doktora, E.TAMAHKAR(Öğrenci), 2014

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

DENİZLİ A., Moleküler baskılanmış kriyojel disklerden florourasil salınımı, Yüksek Lisans, K.ÇETİN(Öğrenci), 2013

DENİZLİ A., Arsenik baskılanmış nanopartiküllerle çevre sularından arsenik uzaklaştırılması, Doktora, V.KARAKOÇ(Öğrenci), 2013

SAYDAM A. C., DENİZLİ A., Çevre sularından arsenik uzaklaştırılması için süpermakro gözenekli hidrojellerin hazırlanması, Doktora, H.BEKTAŞ(Öğrenci), 2013

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

DENİZLİ A., Heparin removal from human blood with heparin imprinted polymeric cryogels, Doktora, G.BAYDEMİR(Öğrenci), 2013

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., Düşük molekül ağırlıklı heparin takılı phema kriyojel ile kandan kolesterol uzaklaştırılması, Yüksek Lisans, G.UZUNOĞLU(Öğrenci), 2013

DENİZLİ A., Preparation of molecular imprinting based lysozyme sensors, Doktora, E.YILMAZ(Öğrenci), 2013

DENİZLİ A., Preparation of cryogel columns for depletion of hemoglobin from human blood, Doktora, A.DERAZSHAMSHIR(Öğrenci), 2013

DENİZLİ A., Karbonik anhidraz enziminin saflaştırılması için moleküler baskılanmış kriyojellerin hazırlanması ve karakterizasyonu, Doktora, M.UYGUN(Öğrenci), 2012

DENİZLİ A., Fibronektin saflaştırılması için kriyojel monolitik kolonların hazırlanması, Doktora, I.PERÇİN(Öğrenci), 2012

DENİZLİ A., Lizozim saflaştırılmasına yönelik hidrofobik manyetik nanopartiküller, Yüksek Lisans, K.KÖSE(Öğrenci), 2011

DENİZLİ A., MONOSIZE POLY(GMA-MATrp) EMBEDDED POLY(HEMA) CRYOGELS FOR LYSOZYME PURIFICATION FROM EGG WHITE, Doktora, D.TÜRKMEN(Öğrenci), 2011

DENİZLİ A., Sitokrom c saflaştırılması için süpermakrogözenekli immobilize metal afinite kromatografi adsorbentler, Yüksek Lisans, D.ÇİMEN(Öğrenci), 2011

DENİZLİ A., Boronat afinite kromatografisi için monolitik HPLC kolonları, Yüksek Lisans, Y.SAYLAN(Öğrenci), 2011

DENİZLİ A., Miyogloblinin tayinine yönelik moleküler baskılanmış yüzey plazmon rezonans biyosensör hazırlanması, Doktora, B.OSMAN(Öğrenci), 2011

DENİZLİ A., Boya takılı manyetik poli(hidroksietil-metakrilat) nanoküreler ile kandan albümin azaltılması, Doktora, Ö.SAKA(Öğrenci), 2011

DENİZLİ A., Glikoprotein ayrılması için monolitik sıvı kromatografisi kolonlarının hazırlanması, Yüksek Lisans, C.ARMUTCU(Öğrenci), 2011

DENİZLİ A., Monoklonal antibiyo saflaştırılması için eşboyutlu manyetik partiküllerin hazırlanması, Doktora, N.BERELİ(Öğrenci), 2010

DENİZLİ A., Yüzey plazmon rezonans temelli immunoglobulin G sensörünün hazırlanması, Yüksek Lisans, G.ERTÜRK(Öğrenci), 2010

DENİZLİ A., Albumin uzaklaştırılması için selüloz nanofiberler, Yüksek Lisans, E.TAMAHKAR(Öğrenci), 2009

DENİZLİ A., Lektin afinite kromatografisi ile antikor saflaştırılması, Doktora, B.AKKAYA(Öğrenci), 2009

DENİZLİ A., Nanopartiküllerle duyarlılığı artırılmış yüzey plazmon rezonans biyosensörlerin hazırlanması, Yüksek Lisans, G.ŞENER(Öğrenci), 2009

DENİZLİ A., ONUR M. A., Talasemili hasta plazmasından demir uzaklaştırılması için Fe(III) baskılanmış süpermakrogözenekli kriyojellerin hazırlanması, Yüksek Lisans, S.ASLIYÜCE(Öğrenci), 2009

DENİZLİ A., Molecular imprinted cryogels for depletion of hemoglobin from human blood, Yüksek Lisans, A.DERAZSHAMSHİR(Öğrenci), 2009

DENİZLİ A., Macroporous poly(hydroxyethyl-methacrylate) based cryogels for depletion of albumin from human serum, Doktora, A.MÜGE(Öğrenci), 2009

DENİZLİ A., Production of kits for hepatitis diagnosis, Doktora, L.UZUN(Öğrenci), 2008

DENİZLİ A., Micronsize magnetic beads for lysozyme purification, Doktora, E.BANU(Öğrenci), 2008

DENİZLİ A., Synthesis and characterization of ion-imprinted thermosensitive polymers for Fe<sup>3+</sup> removal from human plasma, Yüksek Lisans, S.UTKU(Öğrenci), 2007

DENİZLİ A., Lead(II) ion imprinted polymer for solid phase extraction of lead, Doktora, C.ESEN(Öğrenci), 2007

DENİZLİ A., Production of poly(hema-mah) adsorbent for rheumatoid arthritis treatment and design of packed bed column, Yüksek Lisans, E.YILMAZ(Öğrenci), 2007

DENİZLİ A., Bazı sülfonamidlerin sıvı kromatografi yöntemi ile tayini, Doktora, N.ŞANLI(Öğrenci), 2007

DENİZLİ A., Nikel baskılanmış monolitik kolonlar, Doktora, E.ÇUBUK(Öğrenci), 2007

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

DENİZLİ A., Synthesis and characterization of macroporous poly(acrylamide-methacrylamido histidine) cryogels and their use in antibody purification, Yüksek Lisans, İ.KOÇ(Öğrenci), 2007

DENİZLİ A., Preparation of cholesterol imprinted polymeric sorbents, Yüksek Lisans, V.KARAKOÇ(Öğrenci), 2006

DENİZLİ A., İnsan plazmasından demir uzaklaştırılması için baskılanmış iyon seçici monolitik kolonlar, Doktora, S.ÖZKARA(Öğrenci), 2006

DENİZLİ A., Preparation of bilirubin imprinted adsorbents, Yüksek Lisans, G.BAYDEMİR(Öğrenci), 2006

DENİZLİ A., Sitokrom C adsorbsiyonu için manyetik metal şelat afinite sorbentlerin hazırlanması, Yüksek Lisans, B.AKKAYA(Öğrenci), 2005

DENİZLİ A., Ion-selective imprinted polymer beads for mercury removal from human plasma, Yüksek Lisans, S.MİREL(Öğrenci), 2005

DENİZLİ A., Preparation of immobilized metal affinity sorbents, Doktora, M.SARI(Öğrenci), 2005

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 Yayınlanan Makaleler

- I. **Biosensing Platforms for Cardiac Biomarker Detection**  
Gerdan Z., SAYLAN İNCİ Y., DENİZLİ A.  
ACS Omega, cilt.9, sa.9, ss.9946-9960, 2024 (SCI-Expanded)
- II. **Preparation of chiral monoliths with new modulation of the monolith surface chemistry for the enantioseparation of chiral drugs by nano-liquid chromatography**  
Bayındır S., Aydoğan C., DENİZLİ A.  
Journal of Chromatography A, cilt.1713, 2024 (SCI-Expanded)
- III. **Designing of drug imprinted polymeric microcryogels for controlled release of Darunavir**  
Şafak İ., ÇALIŞIR M., Bakhshpour-Yucel M., SAĞLAM N., DENİZLİ A.  
Chemical Papers, 2024 (SCI-Expanded)
- IV. **Biosensing Applications of Molecularly Imprinted-Polymer-Based Nanomaterials**  
SAYLAN İNCİ Y., Kılıç S., DENİZLİ A.  
Processes, cilt.12, sa.1, 2024 (SCI-Expanded)
- V. **Phenylalanine functionalized cryogels for selective cholesterol removal from milk**  
GÖKTÜRK BAŞAL I., SAYLAN İNCİ Y., Yılmaz F., KARTAL ERSOY F., DENİZLİ A.  
Chemical Papers, 2024 (SCI-Expanded)
- VI. **Plasmonic nanosensors for pharmaceutical and biomedical analysis**  
AKGÖNÜLLÜ S., DENİZLİ A.  
Journal of Pharmaceutical and Biomedical Analysis, cilt.236, 2023 (SCI-Expanded)
- VII. **Gelatin cryogels enriched with tea tree oil (Melaleuca alternifolia): characterization, antibacterial properties**  
Varlık S., Bayrak G., Öztürk S., KILIÇ SÜLOĞLU A., Perçin I., DENİZLİ A.  
Chemical Papers, cilt.77, sa.10, ss.5671-5685, 2023 (SCI-Expanded)
- VIII. **Electrochemical Detection of Cortisol by Silver Nanoparticle-Modified Molecularly Imprinted Polymer-Coated Pencil Graphite Electrodes**  
Shama N. A., Aşır S., GÖKTÜRK BAŞAL I., Yılmaz F., TÜRKMEN D., DENİZLİ A.  
ACS Omega, cilt.8, sa.32, ss.29202-29212, 2023 (SCI-Expanded)
- IX. **In situ synthesis and dynamic simulation of molecularly imprinted polymeric nanoparticles on a micro-reactor system**  
Erdem Ö., Eş I., SAYLAN İNCİ Y., Atabay M., Gungen M. A., Ölmez K., DENİZLİ A., İnci F.  
Nature communications, cilt.14, sa.1, ss.4840, 2023 (SCI-Expanded)
- X. **Isothermal titration calorimetry binding properties of Cibacron Blue F3GA in complex with human serum albumin**  
Andac C. A., ÇAĞLAR S., DENİZLİ A., ANDAÇ A. M.  
Journal of Molecular Recognition, cilt.36, sa.8, 2023 (SCI-Expanded)
- XI. **Molecular imprinted based microcryogels for thrombin purification**  
Asena Özbek M., ÖZGÜR E., BERELİ N., DENİZLİ A.  
Journal of chromatography. B, Analytical technologies in the biomedical and life sciences, cilt.1228, ss.123848, 2023 (SCI-Expanded)
- XII. **Surface Plasmon Resonance Based Sensor for Amaranth Detection With Molecularly Imprinted Nanoparticles**  
Ozgur F. O., ÇİMEN D., DENİZLİ A., BERELİ N.  
Photonic Sensors, cilt.13, sa.2, 2023 (SCI-Expanded)
- XIII. **Preparation of Concanavalin A Imprinted Surface Plasmon Resonance Based Biosensors**  
Erdogan Y., ÇİMEN D., ONUR M. A., DENİZLİ A.  
IEEE Sensors Journal, cilt.23, sa.11, ss.11566-11573, 2023 (SCI-Expanded)
- XIV. **Development of Optical-Based Molecularly Imprinted Nanosensors for Adenosine Detection**  
Kurt Z. T., ÇİMEN D., DENİZLİ A., BERELİ N.  
ACS Omega, cilt.8, sa.21, ss.18839-18850, 2023 (SCI-Expanded)

- XV. **Simple and Fast Pesticide Nanosensors: Example of Surface Plasmon Resonance Coumaphos Nanosensor**  
Oymen B., Jalilzadeh M., Yılmaz F., Aşır S., TÜRKMEN D., DENİZLİ A.  
Micromachines, cilt.14, sa.4, 2023 (SCI-Expanded)
- XVI. **Preparation of molecular imprinted injectable polymeric micro cryogels for control release of mitomycin C**  
Zabihi S., Bakhshpour M., ÇALIŞIR M., TOPÇU A. A., DENİZLİ A.  
POLYMER BULLETIN, cilt.80, sa.4, ss.3883-3895, 2023 (SCI-Expanded)
- XVII. **Preparation of magnetic poly(ethylene glycol dimethacrylate-N-Methacryloyl-(L)-glutamic acid) particles for thrombin purification**  
ÇİMEN D., BERELİ N., Günaydın S., DENİZLİ A.  
Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, cilt.1219, 2023 (SCI-Expanded)
- XVIII. **Preparation of Immobilised 17 $\beta$ -Estradiol-Imprinted Nanoparticles onto Bacterial Cellulose Nanofibres to Use for the Removal of 17 $\beta$ -Estradiol from Wastewater**  
Koç İ., Şarkaya K., TÜRKMEN D., Aşır S., DENİZLİ A.  
Polymers, cilt.15, sa.5, 2023 (SCI-Expanded)
- XIX. **Molecular imprinting-based sensors: Lab-on-chip integration and biomedical applications**  
AKGÖNÜLLÜ S., DENİZLİ A.  
Journal of Pharmaceutical and Biomedical Analysis, cilt.225, 2023 (SCI-Expanded)
- XX. **Removal of amoxicillin via chromatographic monolithic columns: comparison between batch and continuous fixed bed**  
Aglamaz M. D., ŞARKAYA K., TÜRKMEN D., UÇAR M., DENİZLİ A.  
Turkish Journal of Chemistry, cilt.47, sa.1, ss.88-100, 2023 (SCI-Expanded)
- XXI. **A surface plasmon resonance sensor with synthetic receptors decorated on graphene oxide for selective detection of benzympenicillin**  
Çelik O., Saylan Y., Göktürk I., Yılmaz F., DENİZLİ A.  
Talanta, cilt.253, 2023 (SCI-Expanded)
- XXII. **Advanced Plasmonic Nanosensors for Monitoring of Environmental Pollutants**  
ÇİMEN D., BERELİ N., DENİZLİ A.  
Current Analytical Chemistry, cilt.19, sa.1, ss.2-17, 2023 (SCI-Expanded)
- XXIII. **Human serum albumin depletion based on dye ligand affinity chromatography via magnetic microcryogels**  
Ozbek M. A., BERELİ N., ÖZGÜR E., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.34, ss.449-462, 2023 (SCI-Expanded)
- XXIV. **Cibacron Blue F3GA ligand dye-based magnetic silica particles for the albumin purification**  
Tatar N., AKGÖNÜLLÜ S., Yavuz H., DENİZLİ A.  
Turkish Journal of Chemistry, cilt.47, sa.5, ss.1125-1137, 2023 (SCI-Expanded)
- XXV. **Ion-imprinted-based nanochelators for iron(III) removal from synthetic gastric fluid**  
Sangu H. D., AKGÖNÜLLÜ S., DENİZLİ A.  
POLYMER BULLETIN, cilt.79, sa.10, ss.8947-8965, 2022 (SCI-Expanded)
- XXVI. **Inspirations of Biomimetic Affinity Ligands: A Review**  
TOPÇU A. A., Kilic S., ÖZGÜR E., TÜRKMEN D., DENİZLİ A.  
ACS OMEGA, cilt.7, ss.32897-32907, 2022 (SCI-Expanded)
- XXVII. **Quartz Crystal Microbalance-Based Aptasensors for Medical Diagnosis**  
AKGÖNÜLLÜ S., ÖZGÜR E., DENİZLİ A.  
MICROMACHINES, cilt.13, sa.9, 2022 (SCI-Expanded)
- XXVIII. **SPR Signal Enhancement With Silver Nanoparticle-Assisted Plasmonic Sensor for Selective Adenosine Detection**  
GÖKTÜRK BAŞAL I., Bakhshpour M., ÇİMEN D., YILMAZ F., BERELİ N., DENİZLİ A.  
IEEE SENSORS JOURNAL, cilt.22, sa.15, ss.14862-14869, 2022 (SCI-Expanded)

- XXIX. **Recent Advances of Optical Sensors for Copper Ion Detection**  
Gerdan Z., Saylan Y., Denizli A.  
MICROMACHINES, cilt.13, sa.8, 2022 (SCI-Expanded)
- XXX. **Molecular imprinted nanoparticle assisted surface plasmon resonance biosensors for detection of thrombin**  
ÇİMEN D., BERELİ N., Gunaydin S., DENİZLİ A.  
TALANTA, cilt.246, 2022 (SCI-Expanded)
- XXXI. **Fab fragment immobilized immunoaffinity cryogels as a tool for human serum albumin purification: Characterization of Fab immobilized cryogels**  
Huseynli S., ÇİMEN D., BERELİ N., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.1203, 2022 (SCI-Expanded)
- XXXII. **Metal-chelated polyamide hollow fiber membranes for ovalbumin purification from egg white**  
Ozbek M. A., ÇİMEN D., BERELİ N., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.1203, 2022 (SCI-Expanded)
- XXXIII. **Selective Amplification of Plasmonic Sensor Signal for Cortisol Detection Using Gold Nanoparticles**  
Yılmaz G. E., SAYLAN İNCİ Y., GÖKTÜRK BAŞAL I., YILMAZ F., DENİZLİ A.  
BIOSENSORS-BASEL, cilt.12, sa.7, 2022 (SCI-Expanded)
- XXXIV. **Investigation of Thermodynamic, Kinetic, and Isothermal Parameters for the Selective Adsorption of Bisphenol A**  
ÜZEK R., ŞENEL S., DENİZLİ A.  
ACS OMEGA, cilt.7, ss.18940-18952, 2022 (SCI-Expanded)
- XXXV. **Preparation of magnetic nanoparticles-assisted plasmonic biosensors with metal affinity for interferon-alpha detection**  
Saylan Y., AKGÖNÜLLÜ S., DENİZLİ A.  
MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS, cilt.280, 2022 (SCI-Expanded)
- XXXVI. **Molecularly imprinted polymer film based plasmonic sensors for detection of ochratoxin A in dried fig**  
AKGÖNÜLLÜ S., ARMUTCU ÇORMAN C., DENİZLİ A.  
POLYMER BULLETIN, cilt.79, sa.6, ss.4049-4067, 2022 (SCI-Expanded)
- XXXVII. **Patulin Imprinted Nanoparticles Decorated Surface Plasmon Resonance Chips for Patulin Detection**  
ÇİMEN D., BERELİ N., DENİZLİ A.  
PHOTONIC SENSORS, cilt.12, sa.2, ss.117-129, 2022 (SCI-Expanded)
- XXXVIII. **Diclofenac Imprinted Surface Plasmon Resonance (SPR) Based Sensor**  
Caktı K., ÖZGÜR E., BERELİ N., DENİZLİ A.  
CHEMISTRYSELECT, cilt.7, sa.18, 2022 (SCI-Expanded)
- XXXIX. **Nanoscale SPR sensor for the ultrasensitive detection of the ovarian cancer marker carbohydrate antigen 125**  
Gur S., Bakhshpour M., DENİZLİ A.  
NEW JOURNAL OF CHEMISTRY, cilt.46, sa.15, ss.7263-7270, 2022 (SCI-Expanded)
- XL. **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, cilt.57, sa.6, ss.990-999, 2022 (SCI-Expanded)
- XLI. **Sensitive and real-time detection of IgG using interferometric reflecting imaging sensor system**  
Bakhshpour M., Chiodi E., Celebi I., SAYLAN İNCİ Y., Unlu N. L., Unlu M. S., DENİZLİ A.  
BIOSENSORS & BIOELECTRONICS, cilt.201, 2022 (SCI-Expanded)
- XLII. **Recent Advances in Quartz Crystal Microbalance Biosensors Based on the Molecular Imprinting Technique for Disease-Related Biomarkers**

- AKGÖNÜLLÜ S., ÖZGÜR E., DENİZLİ A.  
CHEMOSENSORS, cilt.10, sa.3, 2022 (SCI-Expanded)
- XLIII. **Gold-Modified Molecularly Imprinted N-Methacryloyl-(l)-phenylalanine-containing Electrodes for Electrochemical Detection of Dopamine**  
Abu Shama N., Asir S., Ozsoz M., GÖKTÜRK BAŞAL I., TÜRKMEN D., YILMAZ F., DENİZLİ A.  
BIOENGINEERING-BASEL, cilt.9, sa.3, 2022 (SCI-Expanded)
- XLIV. **Beauvericin purification from fungal strain using molecularly imprinted cryogels**  
ULUSOY M., ASLIYÜCE ÇOBAN S., KESKİN N., DENİZLİ A.  
PROCESS BIOCHEMISTRY, cilt.113, ss.185-193, 2022 (SCI-Expanded)
- XLV. **Ion-Imprinted Polymer-on-a-Sensor for Copper Detection**  
Gerdan Z., SAYLAN İNCİ Y., Ugur M., DENİZLİ A.  
BIOSENSORS-BASEL, cilt.12, sa.2, 2022 (SCI-Expanded)
- XLVI. **An Alternative Approach for Bacterial Growth Control: Pseudomonas spp. Imprinted Polymer-Based Surface Plasmon Resonance Sensor**  
TÜRKMEN D., Yilmaz T., Bakhshpour M., DENİZLİ A.  
IEEE SENSORS JOURNAL, cilt.22, sa.4, ss.3001-3008, 2022 (SCI-Expanded)
- XLVII. **Polyethylenimine-functionalized microcryogels for controlled release of diclofenac sodium**  
ÇETİN K., DENİZLİ A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.170, 2022 (SCI-Expanded)
- XLVIII. **Determination of multi-pesticide residues in honey with a modified QuEChERS procedure followed by LC-MS/MS and GC-MS/MS**  
Oymen B., Asir S., TÜRKMEN D., DENİZLİ A.  
JOURNAL OF APICULTURAL RESEARCH, cilt.61, sa.4, ss.530-542, 2022 (SCI-Expanded)
- XLIX. **S-citalopram imprinted monolithic columns for capillary electrochromatography enantioseparations**  
Derazshamshir A., GÖKTÜRK BAŞAL I., YILMAZ F., DENİZLİ A.  
ELECTROPHORESIS, cilt.42, sa.24, ss.2672-2682, 2021 (SCI-Expanded)
- L. **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, cilt.34, sa.12, 2021 (SCI-Expanded)
- LI. **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-Expanded)
- LII. **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-Expanded)
- LIII. **Development of Molecularly Imprinted Polymer-Based Optical Sensor for the Sensitive Penicillin G Detection in Milk**  
Safran V., GÖKTÜRK BAŞAL I., Bakhshpour M., YILMAZ F., DENİZLİ A.  
CHEMISTRYSELECT, cilt.6, sa.43, ss.11865-11875, 2021 (SCI-Expanded)
- LIV. **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-Expanded)
- LV. **Preparation of surface plasmon resonance-based nanosensor for curcumin detection**  
Cikrik S., ÇİMEN D., BERELİ N., DENİZLİ A.  
TURKISH JOURNAL OF CHEMISTRY, cilt.46, sa.1, ss.14-26, 2021 (SCI-Expanded)
- LVI. **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-Expanded)

- LVII. 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-Expanded)
- LVIII. 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-Expanded)
- LIX. Optical Sensor-Based Molecular Imprinted Poly(Hydroxyethyl Methacrylze-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-Expanded)
- LX. Injectable Cryogels in Biomedicine**  
ÇİMEN D., Ozbek M. A., BERELİ N., Mattiasson B., DENİZLİ A.  
GELS, cilt.7, sa.2, 2021 (SCI-Expanded)
- LXI. 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.  
CHEMOSENSORS, cilt.9, sa.4, 2021 (SCI-Expanded)
- LXII. 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-Expanded)
- LXIII. Detection of Melamine by Using Fluorescent Nanocomposites with Specific Recognition Sites**  
ÜZEK R., Sari E., DENİZLİ A.  
CHEMISTRYSELECT, cilt.6, sa.9, ss.2149-2155, 2021 (SCI-Expanded)
- LXIV. Molecular docking of metal ion immobilized ligands to proteins in affinity chromatography**  
Salha D., Andac M., DENİZLİ A.  
JOURNAL OF MOLECULAR RECOGNITION, cilt.34, sa.2, 2021 (SCI-Expanded)
- LXV. 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, cilt.32, sa.2, ss.189-204, 2021 (SCI-Expanded)
- LXVI. Selective recognition of nucleosides by boronate affinity organic-inorganic hybrid monolithic column**  
Ektirici S., GÖKTÜRK BAŞAL I., YILMAZ F., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.1162, 2021 (SCI-Expanded)
- LXVII. Molecularly imprinted smart cryogels for selective nickel recognition in aqueous solutions**  
Andac M., Tamahkar E., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.138, sa.4, 2021 (SCI-Expanded)
- LXVIII. 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-Expanded)
- LXIX. Laccase bound to cryogel functionalized with phenylalanine for the decolorization of textile dyes**  
Percin I., ARACAGÖK Y. D., İDİL N., DENİZLİ A., Mattiasson B.  
TURKISH JOURNAL OF CHEMISTRY, cilt.45, sa.5, ss.1353-1365, 2021 (SCI-Expanded)
- LXX. 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-Expanded)
- LXXI. Designing composite cryogel carriers for tyrosine adsorption**  
Ozturk G., SAYLAN Y., DENİZLİ A.  
SEPARATION AND PURIFICATION TECHNOLOGY, cilt.254, 2021 (SCI-Expanded)



- LXXII. **Development of Rapid, Sensitive, and Effective Plasmonic Nanosensor for the Detection of Vitamins in Infact Formula and Milk Samples**  
ÇİMEN D., DENİZLİ A.  
PHOTONIC SENSORS, cilt.10, sa.4, ss.316-332, 2020 (SCI-Expanded)
- LXXIII. **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.  
JOURNAL OF FOOD SCIENCE, cilt.85, ss.4152-4160, 2020 (SCI-Expanded)
- LXXIV. **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-Expanded)
- LXXV. **Comparison of molecularly imprinted plasmonic nanosensor performances for bacteriophage detection**  
Erdem O., CİHANGİR N., SAYLAN Y., DENİZLİ A.  
NEW JOURNAL OF CHEMISTRY, cilt.44, sa.41, ss.17654-17663, 2020 (SCI-Expanded)
- LXXVI. **Magnetic bacterial cellulose nanofibers for nucleoside recognition**  
SAYLAN Y., GÖKTÜRK BAŞAL I., Pospiskova K., Safarik I., DENİZLİ A.  
CELLULOSE, cilt.27, sa.16, ss.9479-9492, 2020 (SCI-Expanded)
- LXXVII. **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-Expanded)
- LXXVIII. **Metal-chelated magnetic nanoparticles for protein C purification**  
ÇİMEN D., BERELİ N., DENİZLİ A.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.55, sa.13, ss.2259-2268, 2020 (SCI-Expanded)
- LXXIX. **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-Expanded)
- LXXX. **Molecularly imprinted cryogel cartridges for the selective recognition of tyrosine**  
Bakhshpour M., GÖKTÜRK BAŞAL I., BERELİ N., DENİZLİ A.  
BIOTECHNOLOGY PROGRESS, cilt.36, sa.5, 2020 (SCI-Expanded)
- LXXXI. **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., Barek J., Sirajuddin S., DENİZLİ A., Agheem M. H.  
MONATSHEFTE FÜR CHEMIE, cilt.151, sa.8, ss.1271-1282, 2020 (SCI-Expanded)
- LXXXII. **Molecularly imprinted polymer integrated plasmonic nanosensor for cocaine detection**  
ÖZGÜR E., SAYLAN Y., BERELİ N., TÜRKMEN D., DENİZLİ A.  
Journal of Biomaterials Science, Polymer Edition, cilt.31, sa.9, ss.1211-1222, 2020 (SCI-Expanded)
- LXXXIII. **Adenosine-imprinted magnetic core-shell polyvinylbutyral microbeads for quantification of adenosine in plasma**  
Jalilzadeh M., ÇİMEN D., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.1147, 2020 (SCI-Expanded)
- LXXXIV. **Molecularly imprinted cryogel beads for cholesterol removal from milk samples**  
KARTAL F., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.190, 2020 (SCI-Expanded)
- LXXXV. **Biomimetic Nanoparticles Based Surface Plasmon Resonance Biosensors for Histamine Detection in Foods**  
Rahtuvanoglu A., AKGÖNÜLLÜ S., Karacan S., DENİZLİ A.  
CHEMISTRYSELECT, cilt.5, sa.19, ss.5683-5692, 2020 (SCI-Expanded)

- LXXXVI. **Surface plasmon resonance based biomimetic sensor for urinary tract infections**  
ÖZGÜR E., TOPÇU A. A., YILMAZ E., DENİZLİ A.  
TALANTA, cilt.212, 2020 (SCI-Expanded)
- LXXXVII. **Electrochromatographic separation of hydrophobic amino acid enantiomers by molecularly imprinted capillary columns**  
Sarkaya K., Asir S., GÖKTÜRK BAŞAL I., YILMAZ F., Yavuz H., DENİZLİ A.  
PROCESS BIOCHEMISTRY, cilt.92, ss.69-77, 2020 (SCI-Expanded)
- LXXXVIII. **Composite Polymeric Cryogel Cartridges for Selective Removal of Cadmium Ions from Aqueous Solutions**  
Huseynli S., Bakhshpour M., Qureshi T., Andac M., DENİZLİ A.  
POLYMERS, cilt.12, sa.5, 2020 (SCI-Expanded)
- LXXXIX. **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.  
CHEMISTRYSELECT, cilt.5, sa.15, ss.4761-4769, 2020 (SCI-Expanded)
- XC. **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.  
APPLIED MATERIALS TODAY, cilt.18, 2020 (SCI-Expanded)
- XCI. **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.  
Microchemical Journal, cilt.153, 2020 (SCI-Expanded)
- XCII. **Poly(Hydroxyethyl Methacrylate) Immunoaffinity Cryogel Column for the Purification of Human Immunoglobulin M**  
Bakhshpour M., TOPÇU A. A., BERELİ N., Alkan H., DENİZLİ A.  
GELS, cilt.6, sa.1, 2020 (SCI-Expanded)
- XCIII. **HbA1c detection via high-sensitive boronate based surface plasmon resonance sensor**  
Calisir M., Bakhshpour M., Yavuz H., DENİZLİ A.  
Sensors and Actuators, B: Chemical, cilt.306, 2020 (SCI-Expanded)
- XCIV. **A dye-affinity cryogel membrane for malate dehydrogenase purification from Saccharomyces cerevisiae**  
Hamade K., Gokturk I., BERELİ N., TÜRKMEN D., Elkak A., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.31, ss.38-52, 2020 (SCI-Expanded)
- XCV. **Preparation, characterization, and binding profile of imprinted semi-IPN cryogel composite for aluminum**  
Shah S., Shaikh H., Memon N., Bhangar M. I., Qureshi T., Khan H., DENİZLİ A.  
TURKISH JOURNAL OF CHEMISTRY, cilt.44, sa.4, ss.901-922, 2020 (SCI-Expanded)
- XCVI. **Advances in Molecularly Imprinted Systems: Materials, Characterization Methods and Analytical Applications**  
SAYLAN Y., DENİZLİ A.  
CURRENT ANALYTICAL CHEMISTRY, cilt.16, sa.3, ss.196-207, 2020 (SCI-Expanded)
- XCVII. **Surface-imprinted silica particles for Concanavalin A purification from Canavalia ensiformis**  
Razym G., Bakhshpour M., Yavuz H., Kip C., Tuncel A., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.1136, 2020 (SCI-Expanded)
- XCVIII. **Ag<sup>+</sup> ions imprinted cryogels for selective removal of silver ions from aqueous solutions**  
Sarkaya K., Bakhshpour M., DENİZLİ A.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.54, sa.18, ss.2993-3004, 2019 (SCI-Expanded)
- XCIX. **Selective detection of Escherichia coli caused UTIs with surface imprinted plasmonic nanoscale sensor**  
Diken Gür S., Bakhshpour M., Denizli A.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.104, ss.1-7, 2019 (SCI-Expanded)

- C. **Quartz crystal microbalance biosensor for label-free MDA MB 231 cancer cell detection via notch-4 receptor**  
Bakhshpour M., Piskin A. K., Yavuz H., DENİZLİ A.  
TALANTA, cilt.204, ss.840-845, 2019 (SCI-Expanded)
- CI. **Molecularly Imprinted Polymer-Based Microfluidic Systems for Point-of-Care Applications**  
SAYLAN Y., DENİZLİ A.  
MICROMACHINES, cilt.10, sa.11, 2019 (SCI-Expanded)
- CII. **Combined protein A imprinting and cryogelation for production of spherical affinity material**  
ASLIYÜCE ÇOBAN S., Mattiasson B., DENİZLİ A.  
BIOMEDICAL CHROMATOGRAPHY, cilt.33, sa.10, 2019 (SCI-Expanded)
- CIII. **Design and preparation of imprinted surface plasmon resonance (SPR) nanosensor for detection of Zn(II) ions**  
Jalilzadeh M., ÇİMEN D., ÖZGÜR E., ESEN C., DENİZLİ A.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.56, sa.9, ss.877-886, 2019 (SCI-Expanded)
- CIV. **Detecting Fingerprints of Waterborne Bacteria on a Sensor**  
SAYLAN Y., Erdem O., CİHANGİR N., DENİZLİ A.  
CHEMOSENSORS, cilt.7, sa.3, 2019 (SCI-Expanded)
- CV. **Polymethacryloyl-L-Phenylalanine [PMAPA]-Based Monolithic Column for Capillary Electrochromatography**  
Derazshamshir A., Asir S., GÖKTÜRK BAŞAL I., Ektirici S., YILMAZ F., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHIC SCIENCE, cilt.57, sa.8, ss.758-765, 2019 (SCI-Expanded)
- CVI. **Rapid sensing of Cu+2 in water and biological samples by sensitive molecularly imprinted based plasmonic biosensor**  
SAFRAN V., Gokturk I., Derazshamshir A., YILMAZ F., SAĞLAM N., DENİZLİ A.  
MICROCHEMICAL JOURNAL, cilt.148, ss.141-150, 2019 (SCI-Expanded)
- CVII. **Cholesterol removal from human plasma with biologically modified cryogels**  
Uzunoglu G., ÇİMEN D., BERELİ N., Cetin K., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.30, sa.14, ss.1276-1290, 2019 (SCI-Expanded)
- CVIII. **An Alternative Medical Diagnosis Method: Biosensors for Virus Detection**  
SAYLAN Y., Erdem O., ÜNAL S., DENİZLİ A.  
BIOSENSORS-BASEL, cilt.9, sa.2, 2019 (SCI-Expanded)
- CIX. **Molecularly imprinted based surface plasmon resonance nanosensors for microalbumin detection**  
Esenturk M. K., AKGÖNÜLLÜ S., Yilmaz F., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.30, sa.8, ss.646-661, 2019 (SCI-Expanded)
- CX. **Immunoaffinity microcryogels for purification of transferrin**  
ÇETİN K., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.1114, ss.5-12, 2019 (SCI-Expanded)
- CXI. **Real time monitoring and label free creatinine detection with artificial receptors**  
Topcu A. A., ÖZGÜR E., Yilmaz F., BERELİ N., DENİZLİ A.  
MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS, cilt.244, ss.6-11, 2019 (SCI-Expanded)
- CXII. **Molecularly imprinted poly(N-isopropylacrylamide) thermosensitive based cryogel for immunoglobulin G purification**  
PERÇİN DEMİRÇELİK I., İDİL N., DENİZLİ A.  
PROCESS BIOCHEMISTRY, cilt.80, ss.181-189, 2019 (SCI-Expanded)
- CXIII. **Phenol removal from wastewater by surface imprinted bacterial cellulose nanofibres**  
Derazshamshir A., Gokturk I., Tamahkar E., YILMAZ F., SAĞLAM N., DENİZLİ A.

- ENVIRONMENTAL TECHNOLOGY, 2019 (SCI-Expanded)
- CXIV. **Molecularly imprinted composite bacterial cellulose nanofibers for antibiotic release**  
Tamahkar E, Bakhshpour M, DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.30, sa.6, ss.450-461, 2019 (SCI-Expanded)
- CXV. **Molecularly imprinted polymer based quartz crystal microbalance sensor for the clinical detection of insulin**  
KARTAL F, ÇİMEN D, BERELİ N, DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.97, ss.730-737, 2019 (SCI-Expanded)
- CXVI. **Evaluation of hydrochar efficiency for simultaneous removal of diclofenac and ibuprofen from aqueous system using surface response methodology**  
Qureshi T, Memon N, Memon S. Q, Yavuz H, Lachgar A, DENİZLİ A.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, cilt.26, sa.10, ss.9796-9804, 2019 (SCI-Expanded)
- CXVII. **Microcryogels as plastic antibodies for transferrin purification**  
ÇETİN K, DENİZLİ A.  
PROCESS BIOCHEMISTRY, cilt.79, ss.174-184, 2019 (SCI-Expanded)
- CXVIII. **A nitrocellulose paper strip for fluorometric determination of bisphenol A using molecularly imprinted nanoparticles**  
Uzek R, Sari E, ŞENEL S, DENİZLİ A, Merkoci A.  
Microchimica Acta, cilt.186, sa.4, 2019 (SCI-Expanded)
- CXIX. **Molecularly Imprinted Polymer Based Sensors for Medical Applications**  
SAYLAN Y, Akgonullu S, Yavuz H, ÜNAL S, DENİZLİ A.  
SENSORS, cilt.19, sa.6, 2019 (SCI-Expanded)
- CXX. **Surface plasmon resonance aptasensor for detection of human activated protein C**  
Koyun S, AKGÖNÜLLÜ S, Yavuz H, Erdem A, DENİZLİ A.  
TALANTA, cilt.194, ss.528-533, 2019 (SCI-Expanded)
- CXXI. **Organic polymer-based monolithic capillary columns and their applications in food analysis**  
AYDOĞAN C, Gokaltun A, DENİZLİ A, El-Rassi Z.  
JOURNAL OF SEPARATION SCIENCE, cilt.42, sa.5, ss.962-979, 2019 (SCI-Expanded)
- CXXII. **Molecular Imprinted Based Quartz Crystal Microbalance Nanosensors for Mercury Detection**  
Hüseyinli S, ÇİMEN D, BERELİ N, DENİZLİ A.  
GLOBAL CHALLENGES, cilt.3, sa.3, 2019 (SCI-Expanded)
- CXXIII. **Molecularly imprinted nanoparticles based plasmonic sensors for real-time Enterococcus faecalis detection**  
Erdem O, SAYLAN Y, CİHANGİR N, DENİZLİ A.  
BIOSENSORS & BIOELECTRONICS, cilt.126, ss.608-614, 2019 (SCI-Expanded)
- CXXIV. **Biomedical Applications of Polymeric Cryogels**  
Bakhshpour M, İDİL N, PERÇİN DEMİRÇELİK I, DENİZLİ A.  
APPLIED SCIENCES-BASEL, cilt.9, sa.3, 2019 (SCI-Expanded)
- CXXV. **Quartz crystal microbalance based histidine sensor**  
Sonmezler M, ÖZGÜR E, Yavuz H, DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.47, sa.1, ss.221-227, 2019 (SCI-Expanded)
- CXXVI. **Introduction to Nanoscience, Nanomaterials, Nanocomposite, Nanopolymer, and Engineering Smart Materials**  
SAYLAN Y, Yavuz H, ÜLGER C, DENİZLİ A, SAĞLAM N.  
MICROBIAL NANOBIONICS: VOL 2, BASIC RESEARCH AND APPLICATIONS, ss.1-12, 2019 (SCI-Expanded)
- CXXVII. **Protein depletion with bacterial cellulose nanofibers**  
Gokturk I, Tamahkar E, Yilmaz F, DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.1099, ss.1-9, 2018 (SCI-Expanded)
- CXXVIII. **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**

Armutcu C., UZUN L., DENİZLİ A.

Journal of Chromatography A, cilt.1569, ss.139-148, 2018 (SCI-Expanded)

- CXXXIX. **Molecular Fingerprints of Hemoglobin on a Nanofilm Chip**  
SAYLAN Y., DENİZLİ A.  
SENSORS, cilt.18, sa.9, 2018 (SCI-Expanded)
- CXXX. **Prism coupler-based sensor system for simultaneous screening of synthetic glucocorticosteroid as doping control agent**  
Sari E., ÜZEK R., DUMAN M., Alagoz H. Y., DENİZLİ A.  
SENSORS AND ACTUATORS B-CHEMICAL, cilt.260, ss.432-444, 2018 (SCI-Expanded)
- CXXXI. **RNA purification from Escherichia coli cells using boronated nanoparticles**  
PERÇİN DEMİRÇELİK I., İDİL N., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.162, ss.146-153, 2018 (SCI-Expanded)
- CXXXII. **Synthesis and characterization of albumin imprinted polymeric hydrogel membranes for proteomic studies**  
Demir E. F., Ozcaliskan E., Karakas H., UYGUN M., AKTAŞ UYGUN D., AKGÖL S., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.29, sa.18, ss.2218-2236, 2018 (SCI-Expanded)
- CXXXIII. **Controlled release of mitomycin C from PHEMAH-Cu(II) cryogel membranes**  
Bakhshpour M., Yavuz H., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.46, 2018 (SCI-Expanded)
- CXXXIV. **Biochromatographic applications of polymethacrylate monolithic columns used in electro- and liquid phase-separations**  
AYDOĞAN C., Gokaltun A., DENİZLİ A., El Rassi Z.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, cilt.41, sa.10, ss.572-582, 2018 (SCI-Expanded)
- CXXXV. **Detection of ciprofloxacin through surface plasmon resonance nanosensor with specific recognition sites**  
Sari E., ÜZEK R., DUMAN M., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.29, sa.11, ss.1302-1318, 2018 (SCI-Expanded)
- CXXXVI. **Preparation of molecularly imprinted electrochemical sensor for L-phenylalanine detection and its application**  
Ermis N., UZUN L., DENİZLİ A.  
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.807, ss.244-252, 2017 (SCI-Expanded)
- CXXXVII. **Dopamine-imprinted monolithic column for capillary electrochromatography**  
Asir S., Sari D., Derazshamshir A., YILMAZ F., Sarkaya K., DENİZLİ A.  
ELECTROPHORESIS, cilt.38, ss.3003-3012, 2017 (SCI-Expanded)
- CXXXVIII. **Molecularly imprinted surface plasmon resonance (SPR) sensor for uric acid determination**  
GÖÇENOĞLU SARIKAYA A., OSMAN B., Cam T., DENİZLİ A.  
SENSORS AND ACTUATORS B-CHEMICAL, cilt.251, ss.763-772, 2017 (SCI-Expanded)
- CXXXIX. **Surface imprinted bacterial cellulose nanofibers for hemoglobin purification**  
BAKHSHPUR M., Tamahkar E., Andac M., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.158, ss.453-459, 2017 (SCI-Expanded)
- CXL. **Synthesis of hydrophobic nanoparticles for real-time lysozyme detection using surface plasmon resonance sensor**  
SAYLAN Y., Yilmaz F., Derazshamshir A., Yilmaz E., DENİZLİ A.  
JOURNAL OF MOLECULAR RECOGNITION, cilt.30, sa.9, 2017 (SCI-Expanded)
- CXLI. **Preparation of imprinted cryogel cartridge for chiral separation of l-phenylalanine**  
AKGÖNÜLLÜ S., Yavuz H., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.45, sa.4, ss.800-807, 2017 (SCI-Expanded)
- CXLII. **Microcontact Imprinted Plasmonic Nanosensors: Powerful Tools in the Detection of Salmonella**

**paratyphi**

PERÇİN DEMİRÇELİK I., İDİL N., Bakhshpour M., YILMAZ E., Mattiasson B., DENİZLİ A.  
SENSORS, cilt.17, sa.6, 2017 (SCI-Expanded)

- CXLIII. **Synthesis of hydroxyethyl-methacrylate-(L)-histidine methyl ester cryogels. Application on the separation of bovine immunoglobulin G**  
ELKAK A., HAMADE A., BERELİ N., Armutcu C., DENİZLİ A.  
ANALYTICAL BIOCHEMISTRY, cilt.525, ss.1-7, 2017 (SCI-Expanded)
- CXLIV. **Phosphoserine imprinted nanosensor for detection of Cancer Antigen 125**  
BÜYÜKTİRYAKI S., SAY R., DENİZLİ A., Ersoz A.  
TALANTA, cilt.167, ss.172-180, 2017 (SCI-Expanded)
- CXLV. **Affinity binding of proteins to the modified bacterial cellulose nanofibers**  
BAKHSHPUR M., Tamahkar E., Andac M., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.1052, ss.121-127, 2017 (SCI-Expanded)
- CXLVI. **Plastic antibody based surface plasmon resonance nanosensors for selective atrazine detection**  
Yilmaz E., ÖZGÜR E., BERELİ N., TÜRKMEN D., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.73, ss.603-610, 2017 (SCI-Expanded)
- CXLVII. **Multiclonal plastic antibodies for selective aflatoxin extraction from food samples**  
Bayram E., Yilmaz E., UZUN L., SAY R., DENİZLİ A.  
FOOD CHEMISTRY, cilt.221, ss.829-837, 2017 (SCI-Expanded)
- CXLVIII. **Protein C recognition by ion-coordinated imprinted monolithic cryogels**  
DEMİRÇİ B., BERELİ N., Asliyuca S., Baydemir G., DENİZLİ A.  
JOURNAL OF SEPARATION SCIENCE, cilt.40, sa.7, ss.1610-1620, 2017 (SCI-Expanded)
- CXLIX. **Molecular Imprinting of Macromolecules for Sensor Applications**  
SAYLAN Y., Yilmaz F., ÖZGÜR E., DERAZSHAMSHIR A., Yavuz H., DENİZLİ A.  
SENSORS, cilt.17, sa.4, 2017 (SCI-Expanded)
- CL. **Development of surface plasmon resonance sensors based on molecularly imprinted nanofilms for sensitive and selective detection of pesticides**  
SAYLAN Y., AKGONULLU S., ÇİMEN D., DERAZSHAMSHIR A., BERELİ N., Yilmaz F., DENİZLİ A.  
SENSORS AND ACTUATORS B-CHEMICAL, cilt.241, ss.446-454, 2017 (SCI-Expanded)
- CLI. **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)
- CLII. **Whole cell based microcontact imprinted capacitive biosensor for the detection of Escherichia coli**  
İDİL N., Hedstrom M., DENİZLİ A., Mattiasson B.  
BIOSENSORS & BIOELECTRONICS, cilt.87, ss.807-815, 2017 (SCI-Expanded)
- CLIII. **Tentacle-type immobilized metal affinity cryogel for invertase purification from Saccharomyces cerevisiae**  
ÇETİN K., PERÇİN DEMİRÇELİK I., Denizli F., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.45, sa.7, ss.1431-1439, 2017 (SCI-Expanded)
- CLIV. **Ion imprinted cryogels for selective removal of Ni(II) ions from aqueous solutions**  
Tamahkar E., Bakhshpour M., Andaç M., DENİZLİ A.  
Separation and Purification Technology, cilt.179, ss.36-44, 2017 (SCI-Expanded)
- CLV. **Creatinine imprinted poly(hydroxyethyl methacrylate) based cryogel cartridges**  
Topcu A. A., BERELİ N., ALBAYRAK İ., DENİZLİ A.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.54, sa.8, ss.495-501, 2017 (SCI-Expanded)
- CLVI. **Supermacroporous hydrophobic affinity sorbents for penicillin acylase purification**  
Demircelik A. H., PERÇİN DEMİRÇELİK I., DENİZLİ A.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.54, sa.2, ss.71-79, 2017

(SCI-Expanded)

- CLVII. **Rapid, efficient and selective preconcentration of benzo[a]pyrene (BaP) by molecularly imprinted composite cartridge and HPLC**  
ÇORMAN M. E., Armutcu C., UZUN L., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.70, ss.41-53, 2017 (SCI-Expanded)
- CLVIII. **Controlled release of curcumin from poly(HEMA-MAPA) membrane**  
Caka M., Turkcan C., AKTAŞ UYGUN D., UYGUN M., AKGÖL S., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.45, sa.3, ss.426-431, 2017 (SCI-Expanded)
- CLIX. **Molecularly imprinted cryogel as a pH-responsive delivery system for doxorubicin**  
ÇETİN K., Alkan H., BERELİ N., DENİZLİ A.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.54, sa.8, ss.502-508, 2017 (SCI-Expanded)
- CLX. **Recognition of lysozyme using surface imprinted bacterial cellulose nanofibers**  
SAYLAN Y., Tamahkar E., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.28, sa.16, ss.1950-1965, 2017 (SCI-Expanded)
- CLXI. **DNA isolation by galactoacrylate-based nano-poly(HEMA-co-Gal-OPA) nanoparticles**  
Kayhan C. T., Ural F. Z., KORUYUCU M., Salman Y. G., UYGUN M., AKTAŞ UYGUN D., AKGÖL S., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.28, sa.14, ss.1469-1479, 2017 (SCI-Expanded)
- CLXII. **Molecularly imprinted cryogel membranes for mitomycin C delivery**  
Oncel P., ÇETİN K., TOPÇU A. A., Yavuz H., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.28, sa.6, ss.519-531, 2017 (SCI-Expanded)
- CLXIII. **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)
- CLXIV. **Synthesis of novel monolithic cartridges with specific recognition sites for extraction of melamine**  
DURŞUN E. M., ÜZEK R., BERELİ N., ŞENEL S., DENİZLİ A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.109, ss.33-41, 2016 (SCI-Expanded)
- CLXV. **Selective cholesterol adsorption by molecular imprinted polymeric nanospheres and application to GIMS**  
İNANAN T., Tuzmen N., AKGÖL S., DENİZLİ A.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.92, ss.451-460, 2016 (SCI-Expanded)
- CLXVI. **Gelatin-loaded p(HEMA-GMA) cryogel for high-capacity immobilization of horseradish peroxidase**  
SOOMRO R., Percin I., MEMON N., BHANGER M. I., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.44, sa.7, ss.1708-1713, 2016 (SCI-Expanded)
- CLXVII. **PolyAdenine cryogels for fast and effective RNA purification**  
Kose K., Erol K., ÖZGÜR E., UZUN L., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.146, ss.678-686, 2016 (SCI-Expanded)
- CLXVIII. **Polyethyleneimine assisted-two-step polymerization to develop surface imprinted cryogels for lysozyme purification**  
Erol K., Kose K., UZUN L., Say R., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.146, ss.567-576, 2016 (SCI-Expanded)
- CLXIX. **Poly(vinyl alcohol)/polyethyleneimine (PVA/PEI) blended monolithic cryogel columns for the depletion of haemoglobin from human blood**  
Göktürk I., Derazshamshir A., Yılmaz F., DENİZLİ A.  
Separation Science and Technology (Philadelphia), cilt.51, sa.11, ss.1787-1797, 2016 (SCI-Expanded)
- CLXX. **Affinity based and molecularly imprinted cryogels: Applications in biomacromolecule purification**  
Andac M., Galaev I. Y., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.1021, ss.69-80, 2016 (SCI-Expanded)
- CLXXI. **Preparation of cryogel columns for depletion of hemoglobin from human blood**

- Derazshamshir A, Baydemir G, Yilmaz F, BERELİ N, DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.44, sa.3, ss.792-799, 2016 (SCI-Expanded)
- CLXXII. **Adsorption of Pb(II) and Cd(II) Ions Onto Dye-Attached Sawdust**  
TEKİN K, AKALIN M. K, UZUN L., KARAGÖZ S., Bektas S., DENİZLİ A.  
CLEAN-SOIL AIR WATER, cilt.44, sa.4, ss.339-344, 2016 (SCI-Expanded)
- CLXXIII. **Fabrication of surface plasmon resonance nanosensor for the selective determination of erythromycin via molecular imprinted nanoparticles**  
SARI E., ÜZEK R., DUMAN M., DENİZLİ A.  
TALANTA, cilt.150, ss.607-614, 2016 (SCI-Expanded)
- CLXXIV. **[PHEMA/PEI]-Cu(II) based immobilized metal affinity chromatography cryogels: Application on the separation of IgG from human plasma**  
Bakhshpour M., Derazshamshir A., BERELİ N., Elkak A., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.61, ss.824-831, 2016 (SCI-Expanded)
- CLXXV. **Specific heavy metal ion recovery with ion-imprinted cryogels**  
JALILZADEH M., UZUN L., ŞENEL S., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.133, sa.10, 2016 (SCI-Expanded)
- CLXXVI. **Microcontact imprinting based surface plasmon resonance (SPR) biosensor for real-time and ultrasensitive detection of prostate specific antigen (PSA) from clinical samples**  
ERTÜRK G., Ozen H., Tumer M. A., Mattiasson B., DENİZLİ A.  
SENSORS AND ACTUATORS B-CHEMICAL, cilt.224, ss.823-832, 2016 (SCI-Expanded)
- CLXXVII. **Reversible and easy post-crosslinking method for developing a surface ion-imprinted hypercrosslinked monolith for specific Cd(II) ion removal from aqueous solutions**  
CORMAN M. E., Armutcu C., UZUN L., Say R., DENİZLİ A.  
RSC ADVANCES, cilt.6, sa.91, ss.88777-88787, 2016 (SCI-Expanded)
- CLXXVIII. **Surface plasmon resonance sensors for real-time detection of cyclic citrullinated peptide antibodies**  
DİBEKKAYA H., SAYLAN Y., Yilmaz F., DERAZSHAMSHIR A., DENİZLİ A.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.53, sa.9, ss.585-594, 2016 (SCI-Expanded)
- CLXXIX. **Quartz crystal microbalance based biosensors for detecting highly metastatic breast cancer cells via their transferrin receptors**  
ATAY S., Piskin K., Yilmaz F., ÇAKIR C., YAVUZ H., DENİZLİ A.  
ANALYTICAL METHODS, cilt.8, sa.1, ss.153-161, 2016 (SCI-Expanded)
- CLXXX. **Synthesis of a specific monolithic column with artificial recognition sites for L-glutamic acid via cryo-crosslinking of imprinted nanoparticles**  
GOKTURK I., ÜZEK R., UZUN L., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.44, sa.4, ss.1133-1140, 2016 (SCI-Expanded)
- CLXXXI. **Poly-(L)-histidine immobilized cryogels for lysozyme purification**  
ÇİMEN D., Tuerkmen D., DENİZLİ A.  
Adsorption Science and Technology, cilt.34, ss.469-487, 2016 (SCI-Expanded)
- CLXXXII. **Superior magnetic monodisperse particles for direct purification of immunoglobulin G under magnetic field**  
BERELİ N., DENİZLİ A.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.53, sa.3, ss.160-168, 2016 (SCI-Expanded)
- CLXXXIII. **Simultaneous depletion of albumin and immunoglobulin G by using twin affinity magnetic nanotraps**  
BÜYÜKTİRYAKI S., UZUN L., DENİZLİ A., SAY R., Ersoz A.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.51, sa.12, ss.2080-2089, 2016 (SCI-Expanded)
- CLXXXIV. **Catalase purification from rat liver with iron-chelated poly(hydroxyethyl methacrylate-N-methacryloyl-(L)-glutamic acid) cryogel discs**  
Gokturk I., Percin I., DENİZLİ A.



- PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, cilt.46, sa.6, ss.602-609, 2016 (SCI-Expanded)
- CLXXXV. **Metal-immobilized magnetic nanoparticles for cytochrome C purification from rat liver**  
Percin I., karakoç V., ergün B., DENİZLİ A.  
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, cilt.63, sa.1, ss.31-40, 2016 (SCI-Expanded)
- CLXXXVI. **Triazine herbicide imprinted monolithic column for capillary electrochromatography**  
Asir S., Derazshamshir A., YILMAZ F., DENİZLİ A.  
ELECTROPHORESIS, cilt.36, sa.23, ss.2888-2895, 2015 (SCI-Expanded)
- CLXXXVII. **Surface imprinted bacterial cellulose nanofibers for cytochrome c purification**  
Tamahkar E., KUTSAL T., DENİZLİ A.  
PROCESS BIOCHEMISTRY, cilt.50, sa.12, ss.2289-2297, 2015 (SCI-Expanded)
- :LXXXVIII. **HSA immobilized novel polymeric matrix as an alternative sorbent in hemoperfusion columns for bilirubin removal**  
KAVOSHCHIAN M., ÜZEK R., UYANIK S. A., ŞENEL S., DENİZLİ A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.96, ss.25-31, 2015 (SCI-Expanded)
- CLXXXIX. **Chiral ligand-exchange separation and determination of malic acid enantiomers in apple juice by open-tubular capillary electrochromatography**  
AYDOĞAN C., Karakoc V., DENİZLİ A.  
FOOD CHEMISTRY, cilt.187, ss.130-134, 2015 (SCI-Expanded)
- CXC. **Immobilization of amyloglucosidase onto macroporous cryogels for continuous glucose production from starch**  
UYGUN M., Akduman B., Ergonul B., AKTAŞ UYGUN D., AKGÖL S., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.26, sa.16, ss.1112-1125, 2015 (SCI-Expanded)
- CXCI. **Concanavalin A immobilized magnetic poly(glycidyl methacrylate) beads for prostate specific antigen binding**  
İDİL N., Percin I., KARAKOC V., Yavuz H., AKSÖZ N., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.134, ss.461-468, 2015 (SCI-Expanded)
- CXCII. **Poly-L-Histidine Attached Poly(glycidyl methacrylate) Cryogels for Heavy Metal Removal**  
ÇİMEN D., TÜRKMEN D., DENİZLİ A.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.52, sa.9, ss.724-731, 2015 (SCI-Expanded)
- CXCIII. **Real-time prostate-specific antigen detection with prostate-specific antigen imprinted capacitive biosensors**  
Erturk G., Hedstrom M., Tumer M. A., DENİZLİ A., Mattiasson B.  
ANALYTICA CHIMICA ACTA, cilt.891, ss.120-129, 2015 (SCI-Expanded)
- CXCIV. **Purification of transferrin by magnetic immunoaffinity beads**  
Saçlıgil D., ŞENEL S., Yavuz H., DENİZLİ A.  
JOURNAL OF SEPARATION SCIENCE, cilt.38, sa.15, ss.2729-2736, 2015 (SCI-Expanded)
- CXCV. **Dye affinity cryogels for plasmid DNA purification**  
ÇİMEN D., YILMAZ F., Perçin I., TÜRKMEN D., DENİZLİ A.  
Materials Science and Engineering C, cilt.56, ss.318-324, 2015 (SCI-Expanded)
- CXCVI. **Synthesis of L-lysine imprinted cryogels for immunoglobulin G adsorption**  
CULHA S., Armutcu C., UZUN L., ŞENEL S., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.52, ss.315-324, 2015 (SCI-Expanded)
- CXCVII. **Polyglycidyl methacrylate based immunoaffinity cryogels for insulin adsorption**  
MEMMEDOVA T., Armutcu C., UZUN L., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.52, ss.178-185, 2015 (SCI-Expanded)
- CXCVIII. **Cadmium Removal Performances of Different Dye Ligands Attached Cryogel Disks**  
Keles B., İNANAN T., Tuzmen N., DENİZLİ A.  
CROATICA CHEMICA ACTA, cilt.88, sa.2, ss.139-149, 2015 (SCI-Expanded)

- CXCIX. **Trametes versicolor laccase immobilized poly(glycidyl methacrylate) based cryogels for phenol degradation from aqueous media**  
Dogan T., Bayram E., UZUN L., ŞENEL S., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.132, sa.20, 2015 (SCI-Expanded)
- CC. **Immobilization of alcohol dehydrogenase onto metal-chelated cryogels**  
AKTAŞ UYGUN D., Akduman B., UYGUN M., AKGÖL S., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.26, sa.7, ss.446-457, 2015 (SCI-Expanded)
- CCI. **Reversible adsorption of catalase onto Fe<sup>3+</sup> chelated poly(AAm-GMA)-IDA cryogels**  
AKTAŞ UYGUN D., UYGUN M., AKGÖL S., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.50, ss.379-385, 2015 (SCI-Expanded)
- CCII. **Adsorption of lysozyme from aqueous solutions by a novel bentonite-tyrptophane (Bent-Trp) microcomposite affinity sorbent**  
Kalburcu T., Tabak A., Ozturk N., Tuzmen N., AKGÖL S., ÇAĞLAR B., DENİZLİ A.  
JOURNAL OF MOLECULAR STRUCTURE, cilt.1083, ss.156-162, 2015 (SCI-Expanded)
- CCIII. **Comparison of Two Different Reactive Dye Immobilized Poly(Hydroxyethyl Methacrylate) Cryogel Discs for Purification of Lysozyme**  
PERÇİN DEMİRÇELİK I., ŞENER G., Dmirçelik A. H., BERELİ N., DENİZLİ A.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.175, sa.6, ss.2795-2805, 2015 (SCI-Expanded)
- CCIV. **Whole cell imprinting based Escherichia coli sensors: A study for SPR and QCM**  
YILMAZ E., Majidi D., ÖZGÜR E., DENİZLİ A.  
SENSORS AND ACTUATORS B-CHEMICAL, cilt.209, ss.714-721, 2015 (SCI-Expanded)
- CCV. **Identification of toxic metal ions in water using a gold nanoparticle based colorimetric sensor array**  
ŞENER G., UZUN L., DENİZLİ A.  
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, cilt.249, 2015 (SCI-Expanded)
- CCVI. **Composite cryogels for lysozyme purification**  
BAYDEMİR G., TURKOĞLU E. A., Andac M., Percin I., DENİZLİ A.  
BIOTECHNOLOGY AND APPLIED BIOCHEMISTRY, cilt.62, sa.2, ss.200-207, 2015 (SCI-Expanded)
- CCVII. **Dye functionalized cryogel columns for reversible lysozyme adsorption**  
UYGUN M., Akduman B., AKTAŞ UYGUN D., AKGÖL S., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.26, sa.5, ss.277-289, 2015 (SCI-Expanded)
- CCVIII. **Dye-attached magnetic poly(hydroxyethyl methacrylate) nanospheres for albumin depletion from human plasma**  
GOKAY O., KARAKOC V., Andac M., TÜRKMEN D., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.43, sa.1, ss.62-70, 2015 (SCI-Expanded)
- CCIX. **5-Fluorouracil delivery from metal-ion mediated molecularly imprinted cryogel discs**  
ÇETİN K., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.126, ss.401-406, 2015 (SCI-Expanded)
- CCX. **Alanine Functionalized Magnetic Nanoparticles for Reversible Amyloglucosidase Immobilization**  
SAYLAN Y., UZUN L., DENİZLİ A.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.54, sa.1, ss.454-461, 2015 (SCI-Expanded)
- CCXI. **Synthesis and characterization of molecularly imprinted polymer embedded composite cryogel discs: application for the selective extraction of cypermethrins from aqueous samples prior to GC-MS analysis**  
SHAIKH H., Andac M., Memon N., Bhangar M. I., Nizamani S. M., DENİZLİ A.  
RSC ADVANCES, cilt.5, sa.34, ss.26604-26615, 2015 (SCI-Expanded)
- CCXII. **Molecularly Imprinted Cryogels for Human Serum Albumin Depletion**  
Andac M., Galaev I. Y., Yavuz H., DENİZLİ A.  
AFFINITY CHROMATOGRAPHY: METHODS AND PROTOCOLS, 3RD EDITION, cilt.1286, ss.233-237, 2015 (SCI-Expanded)
- CCXIII. **Affinity composite cryogel discs functionalized with Reactive Red 120 and Green HE 4BD dye**

**ligands: Application on the separation of human immunoglobulin G subclasses**

Huseynli S., Baydemir G., Sari E., Elkak A., DENİZLİ A.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.46, ss.77-85, 2015 (SCI-Expanded)

- CCXIV. **Molecularly imprinted cryogel cartridges for the specific filtration and rapid separation of interferon alpha**  
Corman M. E., Armutcu C., Ozkara S., UZUN L., DENİZLİ A.  
RSC ADVANCES, cilt.5, sa.56, ss.45015-45026, 2015 (SCI-Expanded)
- CCXV. **Molecularly imprinted surface plasmon resonance (SPR) based sensing of bisphenol A for its selective detection in aqueous systems**  
SHAIKH H., Sener G., MEMON N., BHANGER M. I., NIZAMANI S. M., ÜZEK R., DENİZLİ A.  
ANALYTICAL METHODS, cilt.7, sa.11, ss.4661-4670, 2015 (SCI-Expanded)
- CCXVI. **Molecularly imprinted hydrophobic polymers as a tool for separation in capillary electrochromatography**  
Derazshamshir A., YILMAZ F., DENİZLİ A.  
ANALYTICAL METHODS, cilt.7, sa.6, ss.2659-2669, 2015 (SCI-Expanded)
- CCXVII. **Heparin removal from human plasma using molecular imprinted cryogels**  
Baydemir G., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.43, sa.6, ss.403-412, 2015 (SCI-Expanded)
- CCXVIII. **A Novel Affinity Disks for Bovine Serum Albumin Purification**  
Tuzmen N., Kalburcu T., AKTAŞ UYGUN D., AKGÖL S., DENİZLİ A.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.175, sa.1, ss.454-468, 2015 (SCI-Expanded)
- CCXIX. **Cryogels for Affinity Chromatography**  
BERELİ N., TÜRKMEN D., Yavuz H., Galaev I. Y., DENİZLİ A.  
ADVANCED SEPARATIONS BY SPECIALIZED SORBENTS, cilt.108, ss.39-67, 2015 (SCI-Expanded)
- CCXX. **Colorimetric Sensor Array Based on Gold Nanoparticles and Amino Acids for Identification of Toxic Metal Ions in Water**  
Sener G., UZUN L., DENİZLİ A.  
ACS APPLIED MATERIALS & INTERFACES, cilt.6, sa.21, ss.18395-18400, 2014 (SCI-Expanded)
- CCXXI. **Self-oriented nanoparticles for site-selective immunoglobulin G recognition via epitope imprinting approach**  
CORMAN M. E., Armutcu C., UZUN L., Say R., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.123, ss.831-837, 2014 (SCI-Expanded)
- CCXXII. **PHEMA based composite cryogels with loaded hydrophobic beads for lysozyme purification**  
TÜRKMEN D., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.123, ss.859-865, 2014 (SCI-Expanded)
- CCXXIII. **Molecular imprinted magnetic nanoparticles for controlled delivery of mitomycin C**  
TÜRKMEN D., BERELİ N., CORMAN M. E., SHAIKH H., AKGÖL S., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.42, sa.5, ss.316-322, 2014 (SCI-Expanded)
- CCXXIV. **Molecularly imprinted composite cryogels for hemoglobin depletion from human blood**  
Baydemir G., Andac M., Percin I., Derazshamshir A., DENİZLİ A.  
JOURNAL OF MOLECULAR RECOGNITION, cilt.27, sa.9, ss.528-536, 2014 (SCI-Expanded)
- CCXXV. **A new zwitterionic electrochromatographic stationary phase based on poly(3-chloro-2-hydroxypropyl methacrylate-co-ethylene dimethacrylate) reactive monolith**  
AYDOĞAN C., Celebi B., Bayraktar A., YILMAZ F., DENİZLİ A., Tuncel A.  
POLYMERS FOR ADVANCED TECHNOLOGIES, cilt.25, sa.8, ss.777-783, 2014 (SCI-Expanded)
- CCXXVI. **Surface molecularly imprinted magnetic microspheres for the recognition of albumin**  
Kartal F., DENİZLİ A.  
JOURNAL OF SEPARATION SCIENCE, cilt.37, sa.15, ss.2077-2086, 2014 (SCI-Expanded)
- CCXXVII. **Molecularly Imprinted Supermacroporous Cryogels for Myoglobin Recognition**  
Erturk G., BERELİ N., Ramteke P. W., DENİZLİ A.

- APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.173, sa.5, ss.1250-1262, 2014 (SCI-Expanded)
- CCXXVIII. **Bone regeneration by pHEMA/gelatin cryogel based scaffolds, AdMSCs and controlled release of steroid hormones: in vitro and in vivo studies**  
PERVER D., IRMAK G., AKBAY E., DEMIRTAS T. T., OZDIL A. M. A., GÜMÜŞDERELİOĞLU M., ONUR M. A., DENİZLİ A.  
JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, cilt.8, ss.260-261, 2014 (SCI-Expanded)
- CCXXIX. **Surface imprinting approach for preparing specific adsorbent for IgG separation**  
SAYLAN Y., ÜZEK R., UZUN L., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.25, sa.9, ss.881-894, 2014 (SCI-Expanded)
- CCXXX. **Dye Attached Nanoparticles for Lysozyme Adsorption**  
Uygun M., Uygun D. A., Altunbas C., AKGÖL S., DENİZLİ A.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.49, sa.8, ss.1270-1278, 2014 (SCI-Expanded)
- CCXXXI. **Core-shell molecularly imprinted polymer-based solid-phase microextraction fiber for ultra trace analysis of endosulfan I and II in real aqueous matrix through gas chromatography-micro electron capture detector**  
Shaikh H., Memon N., Bhangar M. I., Nizamani S. M., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY A, cilt.1337, ss.179-187, 2014 (SCI-Expanded)
- CCXXXII. **Molecularly imprinted cryogels for carbonic anhydrase purification from bovine erythrocyte**  
UYGUN M., Karagozler A. A., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.42, sa.2, ss.128-137, 2014 (SCI-Expanded)
- CCXXXIII. **Bitargeting and ambushing nanotheranostics**  
Say R., UZUN L., Yazar S., DENİZLİ A., Hur D., Yilmaz F., Ersoz A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.42, sa.2, ss.138-145, 2014 (SCI-Expanded)
- CCXXXIV. **Preparation of an Electrochromatographic Stationary Phase Using a New Polymethacrylate Monolith with Chloropropyl Functionality**  
Gokaltun A., Aydogan C., Celebi B., DENİZLİ A., Tuncel A.  
CHROMATOGRAPHIA, cilt.77, ss.459-469, 2014 (SCI-Expanded)
- CCXXXV. **Development of molecular imprinted nanosensor for determination of tobramycin in pharmaceuticals and foods**  
Yola M. L., UZUN L., ÖZALTIN N., DENİZLİ A.  
TALANTA, cilt.120, ss.318-324, 2014 (SCI-Expanded)
- CCXXXVI. **Chiral separation-based ligand exchange by open-tubular capillary electrochromatography**  
Aydogan C., DENİZLİ A.  
ANALYTICAL BIOCHEMISTRY, cilt.447, ss.55-57, 2014 (SCI-Expanded)
- CCXXXVII. **Aspartic acid incorporated monolithic columns for affinity glycoprotein purification**  
Armutcu C., BERELİ N., Bayram E., UZUN L., Say R., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.114, ss.67-74, 2014 (SCI-Expanded)
- CCXXXVIII. **Lysine-Promoted Colorimetric Response of Gold Nanoparticles: A Simple Assay for Ultrasensitive Mercury(II) Detection**  
Sener G., UZUN L., DENİZLİ A.  
ANALYTICAL CHEMISTRY, cilt.86, sa.1, ss.514-520, 2014 (SCI-Expanded)
- CCXXXIX. **Cholesterol removal onto the different hydrophobic nanospheres: A comparison study**  
Kalburcu T., Ozturk N., Tuzmen N., AKGÖL S., DENİZLİ A.  
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, cilt.20, sa.1, ss.153-159, 2014 (SCI-Expanded)
- CCXL. **Monolithic Boronate Affinity Columns for IgG Separation**  
SAYLAN Y., BERELİ N., UZUN L., DENİZLİ A.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.49, sa.10, ss.1555-1565, 2014 (SCI-Expanded)
- CCXLI. **Novel tentacle-type polymer stationary phase grafted with anion exchange polymer chains for open tubular CEC of nucleosides and proteins**  
Aydogan C., ÇETİN K., DENİZLİ A.  
ANALYST, cilt.139, sa.15, ss.3790-3795, 2014 (SCI-Expanded)
- CCXLII. **Reactive Red 120 and Ni(II) Derived Poly(2-hydroxyethyl methacrylate) Nanoparticles for Urease**

## **Adsorption**

Turkcan C., AKTAŞ UYGUN D., AKGÖL S., DENİZLİ A.

JOURNAL OF APPLIED POLYMER SCIENCE, cilt.131, sa.2, 2014 (SCI-Expanded)

**CCXLIII. Immobilized metal ion affinity nanospheres for alpha-amylase immobilization**

Kalburcu T., TÜZMEN M. N., AKGÖL S., DENİZLİ A.

TURKISH JOURNAL OF CHEMISTRY, cilt.38, sa.1, ss.28-40, 2014 (SCI-Expanded)

**CCXLIV. Affinity-recognition-based polymeric cryogels for protein depletion studies**

Andac M., DENİZLİ A.

RSC ADVANCES, cilt.4, sa.59, ss.31130-31141, 2014 (SCI-Expanded)

**CCXLV. Silanized polymeric nanoparticles for DNA isolation**

Turkcan C., AKGÖL S., DENİZLİ A.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.33, sa.8, ss.4498-4503, 2013 (SCI-Expanded)

**CCXLVI. Purification of yeast alcohol dehydrogenase by using immobilized metal affinity cryogels**

Akduman B., UYGUN M., AKTAŞ UYGUN D., AKGÖL S., DENİZLİ A.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.33, sa.8, ss.4842-4848, 2013 (SCI-Expanded)

**CCXLVII. Simultaneous depletion of immunoglobulin G and albumin from human plasma using novel monolithic cryogel columns**

UZUN L., Armutcu C., Bicen O., Ersoz A., Say R., DENİZLİ A.

COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.112, ss.1-8, 2013 (SCI-Expanded)

**CCXLVIII. A New Molecular Imprinting-Based Mass-Sensitive Sensor for Real-Time Detection of 17 beta-Estradiol from Aqueous Solution**

Ozgur E., Yilmaz E., Sener G., UZUN L., Say R., DENİZLİ A.

ENVIRONMENTAL PROGRESS & SUSTAINABLE ENERGY, cilt.32, sa.4, ss.1164-1169, 2013 (SCI-Expanded)

**CCXLIX. Molecularly imprinted cryogels for human interferon-alpha purification from human gingival fibroblast culture**

Erturk G., BERELİ N., Tumer M. A., Say R., DENİZLİ A.

JOURNAL OF MOLECULAR RECOGNITION, cilt.26, sa.12, ss.633-642, 2013 (SCI-Expanded)

**CCL. Hydrophobic cryogels for DNA adsorption: Effect of embedding of monosize microbeads into cryogel network on their adsorptive performances**

CORMAN M. E., BERELİ N., Ozkara S., UZUN L., DENİZLİ A.

BIOMEDICAL CHROMATOGRAPHY, cilt.27, sa.11, ss.1524-1531, 2013 (SCI-Expanded)

**CCLI. Design of Magnetic Graphene Oxide Containing Magnetically Stabilized Fluidized Bed System for Dopamine Adsorption in the Presence of Ascorbic Acid and Uric Acid**

Yilmaz G., Kurtulgu M., Sari M. M., UZUN L., DENİZLİ A.

SEPARATION SCIENCE AND TECHNOLOGY, cilt.48, sa.17, ss.2608-2615, 2013 (SCI-Expanded)

**CCLII. Immunoglobulin G purification from bovine serum with pseudo-specific supermacroporous cryogels**

Daoud-Attieh M., Chaib H., Armutcu C., Uzun L., Elkak A., DENİZLİ A.

SEPARATION AND PURIFICATION TECHNOLOGY, cilt.118, ss.816-822, 2013 (SCI-Expanded)

**CCLIII. Cibacron Blue F3GA modified disposable pencil graphite electrode for the investigation of affinity binding to bovine serum albumin**

KURALAY F., Yilmaz E., UZUN L., DENİZLİ A.

COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.110, ss.270-274, 2013 (SCI-Expanded)

**CCLIV. Microcontact imprinted surface plasmon resonance sensor for myoglobin detection**

OSMAN B., UZUN L., Besirli N., DENİZLİ A.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.33, sa.7, ss.3609-3614, 2013 (SCI-Expanded)

**CCLV. Molecularly imprinted poly(hydroxyethyl methacrylate) based cryogel for albumin depletion from human serum**

Andac M., Galaev I. Y., DENİZLİ A.

- COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.109, ss.259-265, 2013 (SCI-Expanded)
- CCLVI. **Gelatin-Immobilised Poly(hydroxyethyl methacrylate) Cryogel for Affinity Purification of Fibronectin**  
Percin I, Aksoz E., DENİZLİ A.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.171, sa.2, ss.352-365, 2013 (SCI-Expanded)
- CCLVII. **Bioinspired surface modification of poly(2-hydroxyethyl methacrylate) based microbeads via oxidative polymerization of dopamine**  
Yilmaz F., Kose K., Sari M. M., Demirel G., UZUN L., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.109, ss.176-182, 2013 (SCI-Expanded)
- CCLVIII. **Separation and purification of hyaluronic acid by embedded glucuronic acid imprinted polymers into cryogel**  
ÜNLÜER Ö., Ersoz A., DENİZLİ A., DEMİREL R., SAY R.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.934, ss.46-52, 2013 (SCI-Expanded)
- CCLIX. **Combining molecular imprinted nanoparticles with surface plasmon resonance nanosensor for chloramphenicol detection in honey**  
Kara M., UZUN L., KOLAYLI S., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.129, sa.4, ss.2273-2279, 2013 (SCI-Expanded)
- CCLX. **New generation ion-imprinted nanocarrier for removal of Cr(VI) from wastewater**  
UYGUN M., Feyzioglu E., Ozcaliskan E., Caka M., Ergen A., AKGÖL S., DENİZLİ A.  
JOURNAL OF NANOPARTICLE RESEARCH, cilt.15, sa.8, 2013 (SCI-Expanded)
- CCLXI. **A New Metal-Chelated Cryogel for Reversible Immobilization of Urease**  
UYGUN M., Akduman B., AKGÖL S., DENİZLİ A.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.170, sa.8, ss.1815-1826, 2013 (SCI-Expanded)
- CCLXII. **Chiral recognition of proteins having L-histidine residues on the surface with lanthanide ion complex incorporated-molecularly imprinted fluorescent nanoparticles**  
UZUN L., ÜZEK R., ŞENEL S., Say R., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.33, sa.6, ss.3432-3439, 2013 (SCI-Expanded)
- CCLXIII. **Immobilization of Inulinase on Concanavalin A-Attached Super Macroporous Cryogel for Production of High-Fructose Syrup**  
Altunbas C., UYGUN M., AKTAŞ UYGUN D., AKGÖL S., DENİZLİ A.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.170, sa.8, ss.1909-1921, 2013 (SCI-Expanded)
- CCLXIV. **Enantioseparation of aromatic amino acids using CEC monolith with novel chiral selector, N-methacryloyl-L-histidine methyl ester**  
Aydoğan C., Yilmaz F., ÇİMEN D., UZUN L., DENİZLİ A.  
ELECTROPHORESIS, cilt.34, sa.13, ss.1908-1914, 2013 (SCI-Expanded)
- CCLXV. **The fabrication of nanosensor-based surface plasmon resonance for IgG detection**  
Turkoglu E. A., Yavuz H., UZUN L., AKGÖL S., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.41, sa.3, ss.213-221, 2013 (SCI-Expanded)
- CCLXVI. **Immunoglobulin G recognition with F-ab fragments imprinted monolithic cryogels: Evaluation of the effects of metal-ion assisted-coordination of template molecule**  
ASLIYÜCE ÇOBAN S., UZUN L., SAY R., DENİZLİ A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.73, sa.6, ss.813-820, 2013 (SCI-Expanded)
- CCLXVII. **Cation exchange/hydrophobic interaction monolithic chromatography of small molecules and proteins by nano liquid chromatography**  
Aydoğan C., YILMAZ F., DENİZLİ A.  
JOURNAL OF SEPARATION SCIENCE, cilt.36, sa.11, ss.1685-1692, 2013 (SCI-Expanded)
- CCLXVIII. **Macroporous PHEMA-based cryogel discs for bilirubin removal**  
PERÇİN DEMİRÇELİK I., Baydemir G., Ergun B., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.41, sa.3, ss.172-177, 2013 (SCI-Expanded)
- CCLXIX. **Polymeric amylase nanoparticles as a new semi-synthetic enzyme system for hydrolysis of starch**

Say R., Senay R. H., Bicen O., Ersoz A., YILMAZ F., AKGÖL S., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.33, sa.4, ss.1900-1906,  
2013 (SCI-Expanded)

- CCLXX. **Oriented immobilized anti-hIgG via Fc fragment-imprinted PHEMA cryogel for IgG purification**  
BERELİ N., Erturk G., Tumer M. A., Say R., DENİZLİ A.  
BIOMEDICAL CHROMATOGRAPHY, cilt.27, sa.5, ss.599-607, 2013 (SCI-Expanded)
- CCLXXI. **Characterization and cellular interaction of fluorescent-labeled PHEMA nanoparticles**  
Gokturk I., Karakoc V., ONUR M. A., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.41, sa.2, ss.78-84, 2013 (SCI-Expanded)
- CCLXXII. **Purification of Alcohol Dehydrogenase from *Saccharomyces cerevisiae* Using Magnetic Dye-Ligand Affinity Nanostructures**  
Kaya N., AKTAŞ UYGUN D., AKGÖL S., DENİZLİ A.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.169, sa.7, ss.2153-2164, 2013 (SCI-Expanded)
- CCLXXIII. **Nanospines incorporation into the structure of the hydrophobic cryogels via novel cryogelation method: An alternative sorbent for plasmid DNA purification**  
ÜZEK R., UZUN L., ŞENEL S., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.102, ss.243-250, 2013 (SCI-Expanded)
- CCLXXIV. **Poly(hydroxyethyl methacrylate) based magnetic nanoparticles for lysozyme purification from chicken egg white**  
Kose K., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, cilt.41, sa.1, ss.13-20, 2013 (SCI-Expanded)
- CCLXXV. **Rapid real-time detection of procalcitonin using a microcontact imprinted surface plasmon resonance biosensor**  
ŞENER G., ÖZGÜR E., Rad A. Y., UZUN L., SAY R., DENİZLİ A.  
ANALYST, cilt.138, sa.21, ss.6422-6428, 2013 (SCI-Expanded)
- CCLXXVI. **Preparation and electrochromatographic characterization of methacrylate-based weak cation exchange columns for capillary electrochromatography**  
Aydogan C., DENİZLİ A.  
ANALYST, cilt.138, sa.7, ss.2118-2125, 2013 (SCI-Expanded)
- CCLXXVII. **Polyvalent integrin antagonist-decorated superparamagnetic iron oxide nanoparticles for triggering apoptosis in human leukemia cancer cells**  
SAY R., Yazar S., Ugur A., HÜR D., DENİZLİ A., Ersoz A.  
JOURNAL OF NANOPARTICLE RESEARCH, cilt.15, sa.1, 2013 (SCI-Expanded)
- :CLXXVIII. **Synthesis and characterization of amino acid containing Cu(II) chelated nanoparticles for lysozyme adsorption**  
Baydemir G., Andac M., Derazshamshir A., Uygun D. A., Ozcaliskan E., AKGÖL S., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.33, sa.1, ss.532-536,  
2013 (SCI-Expanded)
- CCLXXIX. **Arsenic speciation in water and snow samples by adsorption onto PHEMA in a micro-pipette-tip and GFAAS detection applying large-volume injection**  
DÖKER S., UZUN L., DENİZLİ A.  
TALANTA, cilt.103, ss.123-129, 2013 (SCI-Expanded)
- CCLXXX. **Metal-Chelating Nanopolymers for Antibody Purification from Human Plasma**  
AKTAŞ UYGUN D., Senay R. H., Turkcan C., AKGÖL S., DENİZLİ A.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.168, sa.6, ss.1528-1539, 2012 (SCI-Expanded)
- CCLXXXI. **Molecularly imprinted composite cryogel for albumin depletion from human serum**  
ANDAC M., BAYDEMİR G., Yavuz H., DENİZLİ A.  
JOURNAL OF MOLECULAR RECOGNITION, cilt.25, sa.11, ss.555-563, 2012 (SCI-Expanded)
- CCLXXXII. **Reversible immobilization of glycoamylase by a variety of Cu<sup>2+</sup>-chelated membranes**  
Baydemir G., Derazshamshir A., Andac M., Andac C., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.126, sa.2, ss.575-586, 2012 (SCI-Expanded)

- :CLXXXIII. **Glutamic acid containing supermacroporous poly( hydroxyethyl methacrylate) cryogel disks for UO22+ removal**  
BERELİ N., TÜRKMEN D., KOSE K., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.32, sa.7, ss.2052-2059, 2012 (SCI-Expanded)
- :CLXXXIV. **Concanavalin a immobilized magnetic poly(glycidyl methacrylate) beads for antibody purification**  
AKKAYA B., YAVUZ H., CANDAN F., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.125, sa.3, ss.1867-1874, 2012 (SCI-Expanded)
- CCLXXXV. **Electrochromatographic Enantioseparation of Amino Acids Using Polybutylmethacrylate-based Chiral Monolithic Column by Capillary Electrochromatography**  
AYDOĞAN C., DENİZLİ A.  
CHIRALITY, cilt.24, sa.8, ss.606-609, 2012 (SCI-Expanded)
- :CLXXXVI. **Ion imprinted beads embedded cryogels for in vitro removal of iron from beta-thalassemic human plasma**  
ERGÜN B., BAYDEMİR G., ANDAC M., YAVUZ H., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.125, sa.1, ss.254-262, 2012 (SCI-Expanded)
- CLXXXVII. **Novel protein photocrosslinking and cryopolymerization method for cryogel-based antibacterial material synthesis**  
SAY R., BİCEN O., YILMAZ F., HÜR D., ÖZİC R., DENİZLİ A., ERSOZ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.125, sa.1, ss.145-151, 2012 (SCI-Expanded)
- :LXXXVIII. **Poly(hydroxyethyl methacrylate) based magnetic nanoparticles for plasmid DNA purification from Escherichia coli lysate**  
PERCİN İ., KARAKOC V., AKGÖL S., AKSOZ E., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.32, sa.5, ss.1133-1140, 2012 (SCI-Expanded)
- :CLXXXIX. **Semi-synthetic biotin imprinting onto avidin crosslinked gold-silver nanoparticles**  
ÖZCAN A. A., ERSOZ A., HÜR D., YILMAZ F., GÜLTEKİN A., DENİZLİ A., SAY R.  
JOURNAL OF NANOPARTICLE RESEARCH, cilt.14, sa.6, 2012 (SCI-Expanded)
- CCXC. **alpha-Amylase immobilization onto dye attached magnetic beads: Optimization and characterization**  
TUZMEN N., KALBURCU T., DENİZLİ A.  
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, cilt.78, ss.16-23, 2012 (SCI-Expanded)
- CCXCI. **Purification of Papain Using Reactive Green 5 Attached Supermacroporous Monolithic Cryogel**  
AKTAŞ UYGUN D., AKDUMAN B., UYGUN M., AKGÖL S., DENİZLİ A.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.167, sa.3, ss.552-563, 2012 (SCI-Expanded)
- CCXCII. **Dye attached poly(hydroxyethyl methacrylate) cryogel for albumin depletion from human serum**  
ANDAC M., GALAEV I., DENİZLİ A.  
JOURNAL OF SEPARATION SCIENCE, cilt.35, sa.9, ss.1173-1182, 2012 (SCI-Expanded)
- CCXCIII. **Gold-silver-nanoclusters having cholic acid imprinted nanoshell**  
GÜLTEKİN A., ERSOZ A., DENİZLİ A., SAY R.  
TALANTA, cilt.93, ss.364-370, 2012 (SCI-Expanded)
- CCXCIV. **Mannose-specific lectin isolation from Canavalia ensiformis seeds by PHEMA-based cryogel**  
PERCİN İ., YAVUZ H., AKSOZ E., DENİZLİ A.  
BIOTECHNOLOGY PROGRESS, cilt.28, sa.3, ss.756-761, 2012 (SCI-Expanded)
- CCXCV. **Reversible lysozyme immobilization onto N,N '-bis-(3-(4-morpholino)-propyl)-3,4,9,10-perylenetetracarboxylic acid dimide (MPPDI) attached polymeric nanospheres**  
ÖZTÜRK N., SENAY R. H., AVCIBAŞI N., AKGÖL S., DENİZLİ A.  
PROCESS BIOCHEMISTRY, cilt.47, sa.5, ss.816-821, 2012 (SCI-Expanded)
- CCXCVI. **Immobilized metal affinity monolithic cryogels for cytochrome c purification**  
ÇİMEN D., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.93, ss.29-35, 2012 (SCI-Expanded)
- CCXCVII. **Hydrophobic microbeads as an alternative pseudo-affinity adsorbent for recombinant human**



**interferon-alpha via hydrophobic interactions**

SAYLAN Y., Sari M. M., Ozkara S., UZUN L., DENİZLİ A.

MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.32, sa.4, ss.937-944, 2012 (SCI-Expanded)

- CCXCVIII. **Evaluation of human interferon adsorption performance of Cibacron Blue F3GA attached cryogels and interferon purification by using FPLC system**  
Dogan A., Ozkara S., Sari M. M., UZUN L., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.893, ss.69-76, 2012 (SCI-Expanded)
- CCXCIX. **Polymethacrylate-based monolithic capillary column with weak cation exchange functionalities for capillary electrochromatography**  
Aydogan C., Tuncel A., DENİZLİ A.  
JOURNAL OF SEPARATION SCIENCE, cilt.35, sa.8, ss.1010-1016, 2012 (SCI-Expanded)
- CCC. **Investigation of synthetic lipase and its use in transesterification reactions**  
KEÇİLİ R., SAY R., Ersoz A., HÜR D., DENİZLİ A.  
POLYMER, cilt.53, sa.10, ss.1981-1984, 2012 (SCI-Expanded)
- CCCI. **Bioconjugated and Cross-Linked Bionanostructures for Bifunctional Immunohistochemical Labeling**  
SAY R., Kilic G. A., Ozcan A. A., HÜR D., YILMAZ F., DENİZLİ A., Ersoz A.  
MICROSCOPY AND MICROANALYSIS, cilt.18, sa.2, ss.324-330, 2012 (SCI-Expanded)
- CCCII. **Antibody Purification from Human Plasma by Metal-Chelated Affinity Membranes**  
Yavuz H., BERELİ N., Armutcu C., Yilmaz F., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.123, sa.6, ss.3476-3484, 2012 (SCI-Expanded)
- CCCIII. **Molecular imprinting based composite cryogel membranes for purification of anti-hepatitis B surface antibody by fast protein liquid chromatography**  
ASLIYUCE S., UZUN L., Rad A. Y., ÜNAL S., Say R., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.889, ss.95-102, 2012 (SCI-Expanded)
- CCCIV. **Novel magnetic nanoparticles for the hydrolysis of starch with Bacillus licheniformis alpha-amylase**  
AKTAŞ UYGUN D., Ozturk N., AKGÖL S., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.123, sa.5, ss.2574-2581, 2012 (SCI-Expanded)
- CCCV. **Molecularly imprinted cryogel for L-glutamic acid separation**  
AYDOĞAN C., Andac M., BAYRAM E., Say R., DENİZLİ A.  
BIOTECHNOLOGY PROGRESS, cilt.28, sa.2, ss.459-466, 2012 (SCI-Expanded)
- CCCVI. **Concanavalin A immobilized poly(ethylene glycol dimethacrylate) based affinity cryogel matrix and usability of invertase immobilization**  
UYGUN M., AKTAŞ UYGUN D., Ozcaliskan E., AKGÖL S., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.887, ss.73-78, 2012 (SCI-Expanded)
- CCCVII. **Preparation of new molecularly imprinted nanosensor for cholic acid determination**  
Gultekin A., Ersoz A., DENİZLİ A., SAY R.  
SENSORS AND ACTUATORS B-CHEMICAL, cilt.162, sa.1, ss.153-158, 2012 (SCI-Expanded)
- CCCVIII. **Immobilization of catalase via adsorption onto metal-chelated affinity cryogels**  
Tuzmen N., Kalburcu T., DENİZLİ A.  
PROCESS BIOCHEMISTRY, cilt.47, sa.1, ss.26-33, 2012 (SCI-Expanded)
- CCCIX. **Histidine Containing Macroporous Affinity Cryogels for Immunoglobulin G Purification**  
BERELİ N., Erturk G., DENİZLİ A.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.47, sa.12, ss.1813-1820, 2012 (SCI-Expanded)
- CCCX. **Molecularly imprinted supermacroporous cryogels for cytochrome c recognition**  
TAMAHKAR E., BERELİ N., Say R., DENİZLİ A.  
JOURNAL OF SEPARATION SCIENCE, cilt.34, sa.23, ss.3433-3440, 2011 (SCI-Expanded)
- CCCXI. **L-Histidine imprinted supermacroporous cryogels for protein recognition**

- BERELİ N., SAYLAN Y., UZUN L., Say R., DENİZLİ A.  
SEPARATION AND PURIFICATION TECHNOLOGY, cilt.82, ss.28-35, 2011 (SCI-Expanded)
- CCCXII. **F-ab fragments imprinted SPR biosensor for real-time human immunoglobulin G detection**  
Erturk G., UZUN L., Tumer M. A., Say R., Denizli A.  
BIOSENSORS & BIOELECTRONICS, cilt.28, sa.1, ss.97-104, 2011 (SCI-Expanded)
- CCCXIII. **Preparation and characterization of composite cryogels containing imidazole group and use in heavy metal removal**  
Tekin K., UZUN L., Sahin Ç., Bektas S., DENİZLİ A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.71, sa.10, ss.985-993, 2011 (SCI-Expanded)
- CCCXIV. **Selective removal of 17 beta-estradiol with particle-embedded cryogel systems**  
KOC I., BAYDEMİR G., BAYRAM E., Yavuz H., DENİZLİ A.  
JOURNAL OF HAZARDOUS MATERIALS, cilt.192, sa.3, ss.1819-1826, 2011 (SCI-Expanded)
- CCCXV. **A novel nanoprotein particle synthesis: Nanolipase**  
SAY R., KECİLİ R., BİCEN O., SİSMAN F. Y., HÜR D., DENİZLİ A., ERSOZ A.  
PROCESS BIOCHEMISTRY, cilt.46, sa.8, ss.1688-1692, 2011 (SCI-Expanded)
- CCCXVI. **PHEMA cryogel for in-vitro removal of anti-dsDNA antibodies from SLE plasma**  
ÖZGÜR E., BERELİ N., TÜRKMEN D., ÜNAL S., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.31, sa.5, ss.915-920, 2011 (SCI-Expanded)
- CCCXVII. **Oriented immobilized anti-LDL antibody carrying poly(hydroxyethyl methacrylate) cryogel for cholesterol removal from human plasma**  
BERELİ N., SENER G., YAVUZ H., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.31, sa.5, ss.1078-1083, 2011 (SCI-Expanded)
- CCCXVIII. **Hemoglobin binding from human blood hemolysate with poly(glycidyl methacrylate) beads**  
ALTINTAS E. B., TÜRKMEN D., KARAKOC V., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.85, sa.2, ss.235-240, 2011 (SCI-Expanded)
- CCCXIX. **Ion-Imprinted PHEMA Based Monolith for the Removal of Fe<sup>3+</sup> Ions from Aqueous Solutions**  
OZKARA S., ANDAC M., KARAKOC V., SAY R., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.120, sa.3, ss.1829-1836, 2011 (SCI-Expanded)
- CCCXX. **Superparamagnetic nanotraps containing MIP based mimic lipase for biotransformations uses**  
KEÇİLİ R., OZCAN A. A., ERSOZ A., HÜR D., DENİZLİ A., SAY R.  
JOURNAL OF NANOPARTICLE RESEARCH, cilt.13, sa.5, ss.2073-2079, 2011 (SCI-Expanded)
- CCCXXI. **Investigation of photosensitively bioconjugated targeted quantum dots for the labeling of Cu/Zn superoxide dismutase in fixed cells and tissue sections**  
SAY R., KİLİC G. A., OZCAN A. A., HÜR D., YILMAZ F., KUTLU M., YAZAR S., DENİZLİ A., EMİR DİLTEMİZ S., ERSOZ A.  
HISTOCHEMISTRY AND CELL BIOLOGY, cilt.135, sa.5, ss.523-530, 2011 (SCI-Expanded)
- CCCXXII. **Poly(hydroxyethyl methacrylate) based affinity cryogel for plasmid DNA purification**  
PERCİN I., SAGLAR E., YAVUZ H., AKSOZ E., DENİZLİ A.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.48, sa.4, ss.577-582, 2011 (SCI-Expanded)
- CCCXXIII. **Monosize microbeads for pseudo-affinity adsorption of human insulin**  
SARI M. M., ARMUTCU C., BERELİ N., UZUN L., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.84, sa.1, ss.140-147, 2011 (SCI-Expanded)
- CCCXXIV. **Performance of Protein-A-Based Affinity Membranes for Antibody Purification**  
UZUN L., TÜRKMEN D., KARAKOC V., YAVUZ H., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.22, sa.17, ss.2325-2341, 2011 (SCI-Expanded)
- CCCXXV. **Methacryloylamidohistidine in Affinity Ligands for Immobilized Metal-ion Affinity Chromatography of Ferritin**  
AKTAŞ UYGUN D., OZTURK N., AKGÖL S., DENİZLİ A.  
BIOTECHNOLOGY AND BIOPROCESS ENGINEERING, cilt.16, sa.1, ss.173-179, 2011 (SCI-Expanded)
- CCCXXVI. **Copper Biosorption on Magnetically Modified Yeast Cells Under Magnetic Field**

- UZUN L., SAĞLAM N., Safarikova M., Safarik I., DENİZLİ A.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.46, sa.6, ss.1045-1051, 2011 (SCI-Expanded)
- CCCXXVII. **Efficient Removal of Bilirubin from Human Serum by Monosize Dye Affinity Beads**  
Altintas E. B., TÜRKMEN D., Karakoc V., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.22, sa.7, ss.957-971, 2011 (SCI-Expanded)
- :CCXXVIII. **Application of Supermacroporous Monolithic Hydrophobic Cryogel in Capturing of Albumin**  
AVCIBAŞI N., UYGUN M., Corman M. E., AKGÖL S., DENİZLİ A.  
APPLIED BIOCHEMISTRY AND BIOTECHNOLOGY, cilt.162, sa.8, ss.2232-2243, 2010 (SCI-Expanded)
- CCCXXIX. **Reactive Green HE-4BD Functionalized Supermacroporous Poly(hydroxyethyl methacrylate) Cryogel for Heavy Metal Removal**  
Arpa Ç., BERELİ N., OZDİL E., Bektas S., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.118, sa.4, ss.2208-2215, 2010 (SCI-Expanded)
- CCCXXX. **Quartz crystal microbalance based nanosensor for lysozyme detection with lysozyme imprinted nanoparticles**  
Sener G., Ozgur E., Yilmaz E., UZUN L., Say R., Denizli A.  
BIOSENSORS & BIOELECTRONICS, cilt.26, sa.2, ss.815-821, 2010 (SCI-Expanded)
- CCCXXXI. **Bacterial cellulose nanofibers for albumin depletion from human serum**  
Tamahkar E., Babac C., KUTSAL T., Piskin E., DENİZLİ A.  
PROCESS BIOCHEMISTRY, cilt.45, sa.10, ss.1713-1719, 2010 (SCI-Expanded)
- CCCXXXII. **Poly(hydroxyethyl methacrylate-co-methacryloylamidotryptophane) nanospheres and their utilization as affinity adsorbents for porcine pancreas lipase adsorption**  
AKTAŞ UYGUN D., Corman M. E., Ozturk N., AKGÖL S., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.30, sa.8, ss.1285-1290, 2010 (SCI-Expanded)
- :CCXXXIII. **Nickel(II)-Imprinted Monolithic Columns for Selective Nickel Recognition**  
Demiralay E. C., Andac M., Say R., Alsancak G., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.117, sa.6, ss.3704-3714, 2010 (SCI-Expanded)
- :CCXXXIV. **Selective removal of the autoantibodies from rheumatoid arthritis patient plasma using protein A carrying affinity cryogels**  
Alkan H., BERELİ N., Baysal Z., DENİZLİ A.  
BIOCHEMICAL ENGINEERING JOURNAL, cilt.51, sa.3, ss.153-159, 2010 (SCI-Expanded)
- CCCXXXV. **Nanosensors having dipicolinic acid imprinted nanoshell for Bacillus cereus spores detection**  
Gultekin A., Ersoz A., Sariozlu N. Y., DENİZLİ A., SAY R.  
JOURNAL OF NANOPARTICLE RESEARCH, cilt.12, sa.6, ss.2069-2079, 2010 (SCI-Expanded)
- :CCXXXVI. **Poly(hydroxyethyl methacrylate) based affinity membranes for in vitro removal of anti-dsDNA antibodies from SLE plasma**  
UZUN L., Yavuz H., Osman B., CELİK H., DENİZLİ A.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.47, sa.1, ss.44-49, 2010 (SCI-Expanded)
- CCXXXVII. **Ion-imprinted supermacroporous cryogel, for in vitro removal of iron out of human plasma with beta thalassemia**  
Asliyuçe S., BERELİ N., UZUN L., ONUR M. A., Say R., DENİZLİ A.  
SEPARATION AND PURIFICATION TECHNOLOGY, cilt.73, sa.2, ss.243-249, 2010 (SCI-Expanded)
- :CCXXXVIII. **Development of the magnetic beads for dye ligand affinity chromatography and application to magnetically stabilized fluidized bed system**  
Tuzmen N., Akdogan F., Kalburcu T., Akgol S., DENİZLİ A.  
PROCESS BIOCHEMISTRY, cilt.45, sa.4, ss.556-562, 2010 (SCI-Expanded)
- :CCXXXIX. **Magnetic polymeric nanospheres as an immobilized metal affinity chromatography (IMAC) support for catalase**  
Corman M. E., Ozturk N., Tuzmen N., AKGÖL S., DENİZLİ A.  
BIOCHEMICAL ENGINEERING JOURNAL, cilt.49, sa.2, ss.159-164, 2010 (SCI-Expanded)
- CCCXL. **Preparation of nanoparticles which contains histidine for immobilization of Trametes versicolor**

## **laccase**

Corman M. E., Oeztuerk N., BERELİ N., Akgoel S., DENİZLİ A.

JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, cilt.63, ss.102-107, 2010 (SCI-Expanded)

- CCCXLI. **Biomimicking, metal-chelating and surface-imprinted polymers for the degradation of pesticides**  
Erdem M., SAY R., Ersoz A., DENİZLİ A., Turk H.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.70, sa.4, ss.238-243, 2010 (SCI-Expanded)
- CCCXLII. **Molecularly Imprinted PHEMA-Based Cryogel for Depletion of Hemoglobin from Human Blood**  
DERAZSHAMSHİR A. M., Baydemir G., Andac M., Say R., Galaev I. Y., DENİZLİ A.  
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.211, sa.6, ss.657-668, 2010 (SCI-Expanded)
- CCCXLIII. **New Generation Polymeric Nanospheres for Lysozyme Adsorption**  
Akgol S., Ozturk N., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.115, sa.3, ss.1608-1615, 2010 (SCI-Expanded)
- CCCXLIV. **Imprinted polymer/organo-smectite nanocomposites for paraoxon hydrolysis**  
ERDEM M., SAY R., Ersoz A., DENİZLİ A., TÜRK H.  
APPLIED CLAY SCIENCE, cilt.47, ss.223-228, 2010 (SCI-Expanded)
- CCCXLV. **Poly(glycidyl methacrylate) beads embedded cryogels for pseudo-specific affinity depletion of albumin and immunoglobulin G**  
BERELİ N., SENER G., ALTINTAS E. B., Yavuz H., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.30, sa.2, ss.323-329, 2010 (SCI-Expanded)
- CCCXLVI. **High Capacity Removal of Mercury(II) Ions by Poly(Hydroxyethyl Methacrylate) Nanoparticles**  
TÜRKMEN D., Ozturk N., Akgol S., DENİZLİ A.  
ENVIRONANOTECHNOLOGY, ss.23-38, 2010 (SCI-Expanded)
- CCCXLVII. **Determination of pK(a) Values of Some Sulfonamides by LC and LC-PDA Methods in Acetonitrile-Water Binary Mixtures**  
Sanli N., Sanli S., Ozkan G., DENİZLİ A.  
JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, cilt.21, sa.10, ss.1952-1960, 2010 (SCI-Expanded)
- CCCXLVIII. **Removal of Heavy-Metal Ions by Magnetic Beads Containing Triazole Chelating Groups**  
UZUN L., KARA A., OSMAN B., Yilmaz E., Besirli N., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.114, sa.4, ss.2246-2253, 2009 (SCI-Expanded)
- CCCXLIX. **Gold nanoparticles having dipicolinic acid imprinted nanoshell for Bacillus cereus spores recognition**  
Gultekin A., Ersoz A., Hur D., Sariozlu N. Y., DENİZLİ A., SAY R.  
APPLIED SURFACE SCIENCE, cilt.256, sa.1, ss.142-148, 2009 (SCI-Expanded)
- CCCL. **Highly selective ion-imprinted particles for solid-phase extraction of Pb<sup>2+</sup> ions**  
Esen C., Andac M., BERELİ N., Say R., Henden E., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.29, sa.8, ss.2464-2470, 2009 (SCI-Expanded)
- CCCLI. **New Generation Polymeric Nanospheres for Catalase Immobilization**  
Akgol S., Ozturk N., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.114, sa.2, ss.962-970, 2009 (SCI-Expanded)
- CCCLII. **Antibody purification with protein A attached supermacroporous poly(hydroxyethyl methacrylate) cryogel**  
Alkan H., BERELİ N., Baysal Z., DENİZLİ A.  
BIOCHEMICAL ENGINEERING JOURNAL, cilt.45, sa.3, ss.201-208, 2009 (SCI-Expanded)
- CCCLIII. **Poly(hydroxyethyl methacrylate) nanobeads containing imidazole groups for removal of Cu(II) ions**  
TÜRKMEN D., Yilmaz E., Ozturk N., Akgol S., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.29, sa.6, ss.2072-2078, 2009 (SCI-Expanded)
- CCCLIV. **Selective separation of human serum albumin with copper(II) chelated poly(hydroxyethyl methacrylate) based nanoparticles**

- Karakoc V., Yilmaz E., TÜRKMEN D., Ozturk N., Akgol S., DENİZLİ A.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.45, sa.2, ss.188-193, 2009 (SCI-Expanded)
- CCCLV. **Magnetic hydrophobic affinity nanobeads for lysozyme separation**  
AKTAŞ UYGUN D., Karagozler A. A., Akgol S., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, cilt.29, sa.7, ss.2165-2173, 2009 (SCI-Expanded)
- CCCLVI. **Biofunctionalization of magnetic poly(glycidyl methacrylate) microspheres with protein A: Characterization and cellular interactions**  
ÇAKMAK S., Guemesderelioglu M., DENİZLİ A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.69, sa.8, ss.586-593, 2009 (SCI-Expanded)
- CCCLVII. **Monosize magnetic hydrophobic beads for lysozyme purification under magnetic field**  
Altintas E. B., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, cilt.29, sa.5, ss.1627-1634, 2009 (SCI-Expanded)
- CCCLVIII. **Adsorption Study of Immunoglobulin G Subclasses from Different Species by Pseudobioaffinity Separation on Histidyl-Bisoxirane-Sepharose**  
Elkak A., Ismail S., UZUN L., DENİZLİ A.  
CHROMATOGRAPHIA, cilt.69, ss.1161-1167, 2009 (SCI-Expanded)
- CCCLIX. **Gold-silver nanoclusters having dipicolinic acid imprinted nanoshell for Bacillus cereus spores recognition**  
Gultekin A., Diltemiz S. E., Ersoz A., Sariozlu N. Y., DENİZLİ A., SAY R.  
TALANTA, cilt.78, ss.1332-1338, 2009 (SCI-Expanded)
- CCCLX. **Production of surface plasmon resonance based assay kit for hepatitis diagnosis**  
UZUN L., Say R., ÜNAL S., DENİZLİ A.  
BIOSENSORS & BIOELECTRONICS, cilt.24, sa.9, ss.2878-2884, 2009 (SCI-Expanded)
- CCCLXI. **Separation and purification of hyaluronic acid by glucuronic acid imprinted microbeads**  
Akdamar H. A., Sariozlu N. Y., Ozcan A. A., Ersoz A., DENİZLİ A., SAY R.  
MATERIALS SCIENCE & ENGINEERING C-BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, cilt.29, sa.4, ss.1404-1408, 2009 (SCI-Expanded)
- CCCLXII. **A novel support for antibody purification: Fatty acid attached chitosan beads**  
AKTAŞ UYGUN D., UYGUN M., Karagozler A., Ozturk N., Akgol S., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.70, sa.2, ss.266-270, 2009 (SCI-Expanded)
- CCCLXIII. **Preparation of new molecularly imprinted quartz crystal microbalance hybride sensor system for 8-hydroxy-2'-deoxyguanosine determination**  
SAY R., Gultekin A., Ozcan A. A., DENİZLİ A., Ersoz A.  
ANALYTICA CHIMICA ACTA, cilt.640, ss.82-86, 2009 (SCI-Expanded)
- CCCLXIV. **Supermacroporous hydrophobic affinity cryogels for protein chromatography**  
YILMAZ F., BERELİ N., Yavuz H., DENİZLİ A.  
BIOCHEMICAL ENGINEERING JOURNAL, cilt.43, sa.3, ss.272-279, 2009 (SCI-Expanded)
- CCCLXV. **8-OHdG sensing with MIP based solid phase extraction and QCM technique**  
Ersoez A., Diltemiz S. E., Oezcan A. A., DENİZLİ A., SAY R.  
SENSORS AND ACTUATORS B-CHEMICAL, cilt.137, sa.1, ss.7-11, 2009 (SCI-Expanded)
- CCCLXVI. **N-Acetyl-D-galactosamine-Specific Lectin Isolation from Soyflour with Poly(HPMA-GMA) Beads**  
Percin I., Yavuz H., Aksoz E., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.111, sa.1, ss.148-154, 2009 (SCI-Expanded)
- CCCLXVII. **Supermacroporous poly(hydroxyethyl methacrylate) based cryogel with embedded bilirubin imprinted particles**  
BAYDEMİR G., BERELİ N., Andac M., Say R., Galaev I. Y., DENİZLİ A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.69, sa.1, ss.36-42, 2009 (SCI-Expanded)
- CCCLXVIII. **Molecular Recognition-Based Detoxification of Aluminum in Human Plasma**  
Demircelik A. M., Andac M., Andac C. A., Say R., DENİZLİ A.

- JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.20, sa.9, ss.1235-1258, 2009 (SCI-Expanded)
- CCCLXIX. **Bilirubin recognition via molecularly imprinted supermacroporous cryogels**  
BAYDEMİR G., BERELİ N., Andac M., Say R., Galaev I. Y., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.68, sa.1, ss.33-38, 2009 (SCI-Expanded)
- CCCLXX. **Cadmium removal out of human plasma using ion-imprinted beads in a magnetic column**  
Candan N., Tuzmen N., Andac M., Andac C. A., Say R., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, cilt.29, sa.1, ss.144-152, 2009 (SCI-Expanded)
- CCCLXXI. **Concanavalin a Immobilized Monosize and Magnetic Poly(glycidyl Methacrylate) Beads for Use in Yeast Invertase Adsorption**  
AKKAYA B., UZUN L., Altintas E. B., CANDAN F., DENİZLİ A.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.46, sa.3, ss.232-239, 2009 (SCI-Expanded)
- CCCLXXII. **Hepatitis B surface antibody purification with hepatitis B surface antibody imprinted poly(hydroxyethyl methacrylate-N-methacryloyl-L-tyrosine methyl ester) particles**  
UZUN L., Say R., Uenal S., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.877, sa.3, ss.181-188, 2009 (SCI-Expanded)
- CCCLXXIII. **Concanavalin A Binding on PHEMA Beads and Their Interactions with Myeloma Cells**  
YAVUZ H., Ozden K., KIN E. P., DENİZLİ A.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.46, sa.2, ss.163-169, 2009 (SCI-Expanded)
- CCCLXXIV. **Cysteine functionalized poly(hydroxyethyl methacrylate) monolith for heavy metal removal**  
UZUN L., TÜRKMEN D., Yılmaz E., Bektas S., DENİZLİ A.  
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, cilt.330, ss.161-167, 2008 (SCI-Expanded)
- CCCLXXV. **Synergie between molecular imprinted polymer based on solid-phase extraction and quartz crystal microbalance technique for 8-OHdG sensing**  
Ersoz A., Diltemiz S. E., Ozcan A. A., DENİZLİ A., SAY R.  
BIOSENSORS & BIOELECTRONICS, cilt.24, sa.4, ss.742-747, 2008 (SCI-Expanded)
- CCCLXXVI. **High capacity binding of antibodies by poly(hydroxyethyl methacrylate) nanoparticles**  
Oeztuerk N., BERELİ N., Akgol S., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.67, sa.1, ss.14-19, 2008 (SCI-Expanded)
- CCCLXXVII. **Phenylalanine containing hydrophobic nanospheres for antibody purification**  
Tuerkmen D., DENİZLİ A., Oeztuerk N., Akgol S., Elkak A.  
Biotechnology Progress, cilt.24, sa.6, ss.1297-1303, 2008 (SCI-Expanded)
- CCCLXXVIII. **An Ion-Imprinted Monolith for in Vitro Removal of Iron out of Human Plasma with Beta Thalassemia**  
Ozkara S., SAY R., Andac C., DENİZLİ A.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.47, sa.20, ss.7849-7856, 2008 (SCI-Expanded)
- CCCLXXIX. **Preconcentration of phosphate ion onto ion-imprinted polymer**  
BİRLİK ÖZKÜTÜK E., Ersoz A., DENİZLİ A., SAY R.  
JOURNAL OF HAZARDOUS MATERIALS, cilt.157, sa.1, ss.130-136, 2008 (SCI-Expanded)
- CCCLXXX. **Molecularly imprinted ligand-exchange recognition assay of DNA by SPR system using guanosine and guanine recognition sites of DNA**  
Diltemiz S. E., DENİZLİ A., Ersoz A., SAY R.  
SENSORS AND ACTUATORS B-CHEMICAL, cilt.133, sa.2, ss.484-488, 2008 (SCI-Expanded)
- CCCLXXXI. **Reversible immobilization of catalase by using a novel bentonite-cysteine (Bent-Cys) microcomposite affinity sorbents**  
Ozturk N., TABAK A., Akgol S., DENİZLİ A.  
COLLOIDS AND SURFACES A-PHYSCOCHEMICAL AND ENGINEERING ASPECTS, cilt.322, ss.148-154, 2008 (SCI-Expanded)

- CCLXXXII. **Spectral characterization of lysozyme adsorption on dye-affinity beads**  
Basar N., UZUN L., GÜNER A., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.108, sa.6, ss.3454-3461, 2008 (SCI-Expanded)
- CLXXXIII. **Protein recognition via ion-coordinated molecularly imprinted supermacroporous cryogels**  
BERELİ N., Andac M., BAYDEMİR G., Say R., Galaev I. Y., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY A, cilt.1190, sa.1-2, ss.18-26, 2008 (SCI-Expanded)
- CLXXXIV. **Quantum dot nanocrystals having guanosine imprinted nanoshell for DNA recognition**  
EMİR DİLTEMİZ S., SAY R., BÜYÜKTİRYAKI S., HÜR D., DENİZLİ A., Ersoez A.  
TALANTA, cilt.75, sa.4, ss.890-896, 2008 (SCI-Expanded)
- CCLXXXV. **Polymer-clay nanocomposite iron traps based on intersurface ion-imprinting**  
Karaboerk M., Ersoez A., DENİZLİ A., SAY R.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.47, sa.7, ss.2258-2264, 2008 (SCI-Expanded)
- CLXXXVI. **Poly(hydroxyethyl methacrylate)-based macroporous hydrogels with disulfide cross-linker**  
Andac M., Plieva F. M., Denizli A., Galaev I. Y., Mattiasson B.  
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.209, sa.6, ss.577-584, 2008 (SCI-Expanded)
- CLXXXVII. **A new metal-chelated beads for reversible use in uricase adsorption**  
Akgoel S., Oeztuerk N., KARAGÖZLER A. A., AKTAŞ UYGUN D., UYGUN M., DENİZLİ A.  
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, cilt.51, ss.36-41, 2008 (SCI-Expanded)
- LXXXVIII. **Removal of mercury species with dithiocarbamate-anchored polymer/organosmectite composites**  
SAY R., BİRLİK ÖZKÜTÜK E., Erdemgil Z., DENİZLİ A., Ersoz A.  
JOURNAL OF HAZARDOUS MATERIALS, cilt.150, sa.3, ss.560-564, 2008 (SCI-Expanded)
- CLXXXIX. **Heavy metal removal from synthetic solutions with magnetic beads under magnetic field**  
ŞENEL S., UZUN L., KARA A., DENİZLİ A.  
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.45, sa.8, ss.635-642, 2008 (SCI-Expanded)
- CCCXC. **Adsorption and on-line preconcentration of Cu(II), Cd(II) and Pb(II) ions from aqueous solution using procion red MX-3B immobilized poly(EGDMA-HEMA) microbeads**  
Buyuktuncel E., ŞATIROĞLU N., DENİZLİ A., Bektas S.  
FRESENIUS ENVIRONMENTAL BULLETIN, cilt.17, sa.4, ss.467-477, 2008 (SCI-Expanded)
- CCCXCI. **Dye-affinity hollow fibers for beta-Casein purification**  
Akgöl S., Ozturk N., DENİZLİ A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.68, sa.1, ss.225-232, 2008 (SCI-Expanded)
- CCCXCII. **Specific adsorption of the autoantibodies from rheumatoid arthritis patient plasma using histidine-containing affinity beads**  
YILMAZ E., UZUN L., RAD A. Y., KALYONCU U., ÜNAL S., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.19, sa.7, ss.875-892, 2008 (SCI-Expanded)
- CCCXCIII. **Reversible adsorption of lipase on novel hydrophobic nanospheres**  
Oeztuerk N., Akgoel S., Arioy M., Denizli A.  
SEPARATION AND PURIFICATION TECHNOLOGY, cilt.58, sa.1, ss.83-90, 2007 (SCI-Expanded)
- CCCXCIV. **Pseudospecific magnetic affinity beads for immunoglobulin-G depletion from human serum**  
Akgöl S., Özkara S., UZUN L., Yilmaz F., DENİZLİ A.  
Journal of Applied Polymer Science, cilt.106, sa.4, ss.2405-2412, 2007 (SCI-Expanded)
- CCCXCV. **Immobilized metal affinity adsorption for antibody depletion from human serum with monosize beads**  
Altintas E. B., Tuezmen N., Uzun L., Denizli A.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.46, sa.23, ss.7802-7810, 2007 (SCI-Expanded)
- CCCXCVI. **Predicting the binding properties of cibacron blue F3GA in affinity separation systems**  
Andac C. A., Andac M., Denizli A.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.41, sa.4, ss.430-438, 2007 (SCI-Expanded)
- CCCXCVII. **Lysozyme purification with dye-affinity beads under magnetic field**  
Basar N., Uzun L., Guener A., Denizli A.

- INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.41, sa.3, ss.234-242, 2007 (SCI-Expanded)
- :CCXCVIII. **Porous dye affinity beads for albumin separation from human plasma**  
Akgol S., Tuzmen N., Denizli A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.105, sa.3, ss.1251-1260, 2007 (SCI-Expanded)
- CCCXCIX. **Poly(acrylamide-allyl glycidyl ether) cryogel as a novel stationary phase in dye-affinity chromatography**  
Demiryas N., Tuzmen N., Galaev I. Y., Piskin E., Denizli A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.105, sa.4, ss.1808-1816, 2007 (SCI-Expanded)
- CD. **Newly synthesized bentonite-histidine (Bent-His) micro-composite affinity sorbents for IgG adsorption**  
Ozturk N., Tabak A., Akgol S., Denizli A.  
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, cilt.301, ss.490-497, 2007 (SCI-Expanded)
- CDI. **Use of magnetic poly(glycidyl methacrylate) monosize beads for the purification of lysozyme in batch system**  
Altintas E. B., Tuzmen N., Candan N., Denizli A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.853, ss.105-113, 2007 (SCI-Expanded)
- CDII. **Synthesis of cholesterol imprinted polymeric particles**  
Yavuz H., KARAKOC V., Turkmen D., SAY R., Denizli A.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.41, sa.1, ss.8-15, 2007 (SCI-Expanded)
- CDIII. **Purification of penicillin acylase through a monolith column containing methacryloyl antipyrine**  
Kecili R., Say R., Ersoz A., Yuvuz H., Denizli A.  
SEPARATION AND PURIFICATION TECHNOLOGY, cilt.55, sa.1, ss.1-7, 2007 (SCI-Expanded)
- CDIV. **Selective removal of bilirubin from human plasma with bilirubin-imprinted particles**  
BAYDEMIR G., Andac M., Bereli N., SAY R., Denizli A.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.46, sa.9, ss.2843-2852, 2007 (SCI-Expanded)
- CDV. **Immunoglobulin G depletion from human serum with metal-chelated beads under magnetic field**  
KARATAS M., AKGOL S., Yavuz H., SAY R., Denizli A.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.40, sa.3, ss.254-260, 2007 (SCI-Expanded)
- CDVI. **Synthesis and characterization of monosize magnetic poly(glycidyl methacrylate) beads**  
Altintas E. B., UZUN L., DENİZLİ A.  
CHINA PARTICULOLOGY, cilt.5, ss.174-179, 2007 (SCI-Expanded)
- CDVII. **Cr(III)-imprinted polymeric beads: Sorption and preconcentration studies**  
Birlik E., Ersoz A., Acikkalp E., Denizli A., Say R.  
JOURNAL OF HAZARDOUS MATERIALS, cilt.140, ss.110-116, 2007 (SCI-Expanded)
- CDVIII. **Affinity adsorption of recombinant human interferon-alpha on monosize dye-affinity beads**  
Altintas E. B., Denizli A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.103, sa.2, ss.975-981, 2007 (SCI-Expanded)
- CDIX. **N-methacryloyl-(1)-histidine methyl ester carrying porous magnetic beads for metal chelate adsorption of cytochrome c**  
AKKAYA B., UZUN L., CANDAN F., DENİZLİ A.  
Materials Science and Engineering C, cilt.27, sa.1, ss.180-187, 2007 (SCI-Expanded)
- CDX. **Molecular imprinted particles for lysozyme purification**  
Odabasi M., Say R., Denizli A.  
MATERIALS SCIENCE & ENGINEERING C-BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, cilt.27, sa.1, ss.90-99, 2007 (SCI-Expanded)
- CDXI. **Synthesis and characterization of poly(ethylene glycol dimethacrylate-1-vinyl-1,2,4-triazole) copolymer beads for heavy-metal removal**  
Uzun L., Kara A., Tuzmen N., Karabakan A., Besirli N., Denizli A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.102, sa.5, ss.4276-4283, 2006 (SCI-Expanded)



- CDXII. **Biosorption of mercury on magnetically modified yeast cells**  
Yavuz H., Denizli A., GUNGUNES H., SAFARIKOVA M., SAFARIK I.  
SEPARATION AND PURIFICATION TECHNOLOGY, cilt.52, sa.2, ss.253-260, 2006 (SCI-Expanded)
- CDXIII. **Affinity separation of immunoglobulin G subclasses on dye attached poly (hydroxypropyl methacrylate) beads**  
Yavuz H., AKGOL S., SAY R., Denizli A.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.39, ss.303-309, 2006 (SCI-Expanded)
- CDXIV. **Binding of antibodies to concanavalin A-modified monolithic cryogel**  
BABAC C., Yavuz H., GALAEV I. Y., PISKIN E., Denizli A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.66, sa.11, ss.1263-1271, 2006 (SCI-Expanded)
- CDXV. **Removal of phenol and chlorophenols from water with reusable dye-affinity hollow fibers**  
Senel S., Kara A., Alsancak G., Denizli A.  
JOURNAL OF HAZARDOUS MATERIALS, cilt.138, sa.2, ss.317-324, 2006 (SCI-Expanded)
- CDXVI. **L-histidine imprinted synthetic receptor for biochromatography applications**  
Oezcan A. A., Say R., Denizli A., Ersoez A.  
ANALYTICAL CHEMISTRY, cilt.78, sa.20, ss.7253-7258, 2006 (SCI-Expanded)
- CDXVII. **Molecular recognition based iron removal from human plasma with imprinted membranes**  
Yavuz H., ANDAC M., UZUN L., SAY R., DENIZLI A.  
INTERNATIONAL JOURNAL OF ARTIFICIAL ORGANS, cilt.29, sa.9, ss.900-911, 2006 (SCI-Expanded)
- CDXVIII. **Binding behavior of Fe<sup>3+</sup> ions on ion-imprinted polymeric beads for analytical applications**  
Saatcilar O., ŞATIROĞLU N., Say R., Bektas S., Denizli A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.101, sa.5, ss.3520-3528, 2006 (SCI-Expanded)
- CDXIX. **Antibody purification using porous metal-chelated monolithic columns**  
Berehi N., Uzun L., Yavuz H., Elkek A., Denizli A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.101, sa.1, ss.395-404, 2006 (SCI-Expanded)
- CDXX. **Synthesis of tentacle type magnetic beads as immobilized metal chelate affinity support for cytochrome c adsorption**  
TURKMEN D., Yavuz H., DENIZLI A.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.38, sa.2, ss.126-133, 2006 (SCI-Expanded)
- CDXXI. **Ion-selective imprinted beads for aluminum removal from aqueous solutions**  
Andac M., ÖZYAPI E., Senel S., SAY R., Denizli A.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.45, sa.5, ss.1780-1786, 2006 (SCI-Expanded)
- CDXXII. **Bilirubin removal performance of immobilized albumin in a magnetically stabilized fluidized bed**  
Uzun L., Denizli A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.17, sa.7, ss.791-806, 2006 (SCI-Expanded)
- CDXXIII. **Selective separation of thorium using ion imprinted chitosan-phthalate particles via solid phase extraction**  
Birlik E., Buyuktyryaki S., Ersoz A., Denizli A., Say R.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.41, sa.14, ss.3109-3121, 2006 (SCI-Expanded)
- CDXXIV. **Methacryloylamidoglutamic acid having porous magnetic beads as a stationary phase in metal chelate affinity chromatography**  
ALTINTAS E., Yavuz H., SAY R., DENIZLI A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.17, ss.213-226, 2006 (SCI-Expanded)
- CDXXV. **Pathogenic antibody removal using magnetically stabilized fluidized bed**  
ODABASI M., OZKAYAR N., OZKARA S., Unal S., DENIZLI A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, cilt.826, ss.50-57, 2005 (SCI-Expanded)
- CDXXVI. **Magnetic dye affinity beads for the adsorption of beta-casein**  
AKGOL S., Berehi N., DENIZLI A.  
MACROMOLECULAR BIOSCIENCE, cilt.5, sa.8, ss.786-794, 2005 (SCI-Expanded)
- CDXXVII. **Antibody purification by concanavalin a affinity chromatography**

- BERELI N., AKGOL S., Yavuz H., DENIZLI A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.97, sa.3, ss.1202-1208, 2005 (SCI-Expanded)
- CDXXVIII. **Iron removal from human plasma based on molecular recognition using imprinted beads**  
Yavuz H., SAY R., DENIZLI A.  
MATERIALS SCIENCE & ENGINEERING C-BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, cilt.25, sa.4, ss.521-528, 2005 (SCI-Expanded)
- CDXXIX. **Synthesis and characterization of poly(hydroxyethyl methacrylate-N-methacryloyl-(L)-glutamic acid) copolymer beads for removal of lead ions**  
DENIZLI A., GARİPCAN B., KARABAKAN A., Senoz H.  
MATERIALS SCIENCE & ENGINEERING C-BIOMIMETIC AND SUPRAMOLECULAR SYSTEMS, cilt.25, sa.4, ss.448-454, 2005 (SCI-Expanded)
- CDXXX. **Immunoadsorption of cholesterol on protein A oriented beads**  
Yavuz H., DENIZLI A.  
MACROMOLECULAR BIOSCIENCE, cilt.5, sa.1, ss.39-48, 2005 (SCI-Expanded)
- CDXXXI. **Immobilized metal affinity beads for ferritin adsorption**  
Yavuz H., ODABASI M., AKGOL S., DENIZLI A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.16, sa.5, ss.673-684, 2005 (SCI-Expanded)
- CDXXXII. **Immobilization of alpha-amylase on Cu<sup>2+</sup> chelated poly(ethylene glycol dimethacrylate-n-vinyl imidazole) matrix via adsorption**  
KARA A., OSMAN B., Yavuz H., BESİRLİ N., DENİZLİ A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.62, sa.1, ss.61-68, 2005 (SCI-Expanded)
- CDXXXIII. **Ion-selective imprinted superporous monolith for cadmium removal from human plasma**  
AŞIR S., Uzun L., Turkmen D., SAY R., Denizli A.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.40, sa.15, ss.3167-3185, 2005 (SCI-Expanded)
- CDXXXIV. **Removal of chlorophenols from aquatic systems using the dried and dead fungus Pleurotus sajor caju**  
Denizli A., Cihangir N., Tuzmen N., Alsancak G.  
BIORESOURSE TECHNOLOGY, cilt.96, sa.1, ss.59-62, 2005 (SCI-Expanded)
- CDXXXV. **Poly(ethylene dimethacrylate-glycidyl methacrylate) monolith as a stationary phase in dye-affinity chromatography**  
UZUN L., Yavuz H., SAY R., ERSOZ A., DENİZLİ A.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, cilt.43, sa.20, ss.6507-6513, 2004 (SCI-Expanded)
- CDXXXVI. **Concanavalin A immobilized affinity adsorbents for reversible use in yeast invertase adsorption**  
Yavuz H., AKGOL S., ARICA Y., DENİZLİ A.  
MACROMOLECULAR BIOSCIENCE, cilt.4, sa.7, ss.674-679, 2004 (SCI-Expanded)
- CDXXXVII. **Dye affinity hollow fibers for albumin purification**  
Yavuz H., DENİZLİ A.  
MACROMOLECULAR BIOSCIENCE, cilt.4, sa.2, ss.84-91, 2004 (SCI-Expanded)
- CDXXXVIII. **Methacryloylamidocysteine functionalized poly(2-hydroxyethyl methacrylate) beads and its design as a metal-chelate affinity support for human serum albumin adsorption**  
GARİPCAN B., Andac M., Uzun L., Denizli A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.59, sa.2, ss.119-128, 2004 (SCI-Expanded)
- CDXXXIX. **A new metal chelate affinity adsorbent for Cytochrome c**  
EMİR S., SAY R., Yavuz H., DENİZLİ A.  
BIOTECHNOLOGY PROGRESS, cilt.20, sa.1, ss.223-228, 2004 (SCI-Expanded)
- CDXL. **Bilirubin removal from human plasma with albumin immobilised magnetic poly(2-hydroxyethyl methacrylate) beads**  
RAD A., Yavuz H., KOCAKULAK M., DENİZLİ A.  
MACROMOLECULAR BIOSCIENCE, cilt.3, sa.9, ss.471-476, 2003 (SCI-Expanded)
- CDXLI. **Cibacron Blue F3GA incorporated poly(methylmethacrylate) beads for albumin adsorption in batch system**

- Yavuz H., DURU E., GENÇ O., DENİZLİ A.  
COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, cilt.223, ss.185-193, 2003 (SCI-Expanded)
- CDXLII. **Purification of immunoglobulin G from human plasma by metal-chelate affinity chromatography**  
OZKARA S., Yavuz H., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.89, sa.6, ss.1567-1572, 2003 (SCI-Expanded)
- CDXLIII. **Immunoaffinity beads for selective removal of cholesterol from human plasma**  
Yavuz H., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.14, sa.5, ss.395-409, 2003 (SCI-Expanded)
- CDXLIV. **Glucose oxidase and catalase adsorption onto Cibacron Blue F3GA-attached microporous polyamide hollow-fibres**  
AKGOL S., Yavuz H., SENEL S., DENİZLİ A.  
REACTIVE & FUNCTIONAL POLYMERS, cilt.55, sa.1, ss.45-51, 2003 (SCI-Expanded)
- CDXLV. **Cysteinylhexapeptide attached poly(2-hydroxyethyl methacrylate) beads for Cd(II) removal from human plasma in a packed-bed column**  
DENİZLİ A., Yavuz H., ARPA Ç., BEKTAS S., GENÇ O.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.38, sa.8, ss.1869-1881, 2003 (SCI-Expanded)
- CDXLVI. **Metal-chelated polyamide hollow fibers for human serum albumin separation**  
Uzun L., Denizli A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.86, sa.13, ss.3346-3354, 2002 (SCI-Expanded)
- CDXLVII. **Congo Red attached monosize poly(HEMA-co-MMA) microspheres for use in reversible enzyme immobilisation**  
Yavuz H., BAYRAMOĞLU G., KACAR Y., DENİZLİ A., ARICA M.  
BIOCHEMICAL ENGINEERING JOURNAL, cilt.10, sa.1, ss.1-8, 2002 (SCI-Expanded)
- CDXLVIII. **Packed Bed Columns With Dye Affinity Microbeads For Removal Of Heavy Metal Ions From Aquatic Systems**  
ŞATIROĞLU N., BEKTAŞ F. S., DENİZLİ A.  
REACTIVE AND FUNCTIONAL POLYMERS, cilt.50, sa.1, ss.41-48, 2002 (SCI-Expanded)
- CDXLIX. **Separation of human-immunoglobulin-G from human plasma with L-histidine immobilized pseudo-specific bioaffinity adsorbents**  
OZKARA S., Yavuz H., PATIR S., ARICA M., DENİZLİ A.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.37, sa.3, ss.717-731, 2002 (SCI-Expanded)
- CDL. **Bilirubin removal from human plasma by dye affinity microporous hollow fibers**  
SENEL S., DENİZLİ F., Yavuz H., DENİZLİ A.  
SEPARATION SCIENCE AND TECHNOLOGY, cilt.37, sa.8, ss.1989-2006, 2002 (SCI-Expanded)
- CDLI. **Synthesis of poly[(hydroxyethyl methacrylate)-co-(methacrylamidoalanine)] membranes and their utilization as an affinity sorbent for lysozyme adsorption**  
GARIPCAN B., Bereli N., PATIR S., ARICA Y., DENİZLİ A.  
MACROMOLECULAR BIOSCIENCE, cilt.1, sa.8, ss.332-340, 2001 (SCI-Expanded)
- CDLII. **Immobilization of catalase via adsorption onto L-histidine grafted functional PHEMA based membrane**  
AKGOL S., KACAR Y., OZKARA S., Yavuz H., DENİZLİ A., ARICA M.  
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, cilt.15, ss.197-206, 2001 (SCI-Expanded)
- CDLIII. **Therapeutic affinity adsorption of iron(III) with dye- and ferritin-immobilized PHEMA adsorbent**  
Yavuz H., ARICA Y., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.82, sa.1, ss.186-194, 2001 (SCI-Expanded)
- CDLIV. **Immobilization of glucoamylase on the plain and on the spacer arm-attached poly(HEMA-EGDMA) microspheres**  
ARICA M., Yavuz H., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.81, sa.11, ss.2702-2710, 2001 (SCI-Expanded)
- CDLV. **Immobilization of glucoamylase onto spacer-arm attached magnetic poly(methylmethacrylate)**

### **microspheres: characterization and application to a continuous flow reactor**

ARICA M., YAVUZ H., PATIR S., DENİZLİ A.

JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, cilt.11, ss.127-138, 2000 (SCI-Expanded)

CDLVI. **Monosize and non-porous p(HEMA-co-MMA) microparticles designed as dye- and metal-chelate affinity sorbents**

DENİZLİ A., YAVUZ H., ARICA Y.

COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, cilt.174, sa.3, ss.307-317, 2000 (SCI-Expanded)

CDLVII. **Human serum albumin chromatography by Cibacron Blue F3GA-derived microporous polyamide hollow-fiber affinity membranes**

KASSAB A., YAVUZ H., ODABASI M., DENİZLİ A.

JOURNAL OF CHROMATOGRAPHY B, cilt.746, sa.2, ss.123-132, 2000 (SCI-Expanded)

CDLVIII. **Nonporous monosize polymeric sorbents: Dye and metal chelate affinity separation of lysozyme**

DENİZLİ A., YAVUZ H., GARİPCAN B., ARICA M.

JOURNAL OF APPLIED POLYMER SCIENCE, cilt.76, sa.2, ss.115-124, 2000 (SCI-Expanded)

CDLIX. **Dye-ligand column chromatography: Albumin adsorption from aqueous media and human plasma with dye-affinity microbeads**

DENİZLİ A., KOKTURK G., YAVUZ H., PISKIN E.

JOURNAL OF APPLIED POLYMER SCIENCE, cilt.74, sa.12, ss.2803-2810, 1999 (SCI-Expanded)

CDLX. **Biosorption of inorganic mercury and alkylmercury species on to Phanerochaete chrysosporium mycelium**

SAĞLAM N., SAY R., DENİZLİ A., PATIR S., ARICI M.

Process Biochemistry, cilt.34, ss.725-730, 1999 (SCI-Expanded)

CDLXI. **Albumin adsorption from aqueous solutions and human plasma in a packed-bed column with Cibacron Blue F3GA-Zn(II) attached poly(EGDMA-HEMA) microbeads**

DENİZLİ A., KOKTURK G., YAVUZ H., PISKIN E.

REACTIVE & FUNCTIONAL POLYMERS, cilt.40, sa.3, ss.195-203, 1999 (SCI-Expanded)

### **Diğer Dergilerde Yayınlanan Makaleler**

- I. **Microfluidic-based molecularly imprinted polymers-integrated optic sensors**  
SAYLAN İNCİ Y., ALTINTAŞ Ö., DENİZLİ A.  
Results in Optics, cilt.13, 2023 (Scopus)
- II. **Recent advances in optical biosensing approaches for biomarkers detection**  
AKGÖNÜLLÜ S., DENİZLİ A.  
Biosensors and Bioelectronics: X, cilt.12, 2022 (Scopus)
- III. **Nanoscale separations: Recent achievements**  
AYDOĞAN C., BELTEKİN B., ASLAN H., YILMAZ F., GÖKTÜRK İ., DENİZLİ A., EL-RASSI Z.  
Journal of Chromatography Open, cilt.2, 2022 (Scopus)
- IV. **Heavy Metal Ions Removal From Wastewater Using Cryogels: A Review**  
TÜRKMEN D., YÜCEL M., AKGÖNÜLLÜ S., AŞIR S., DENİZLİ A.  
Frontiers in Sustainability, cilt.3, 2022 (Scopus)
- V. **Synthesis of molecularly imprinted magnetic nanoparticles for selective cytidine adsorption**  
ONGUN E., AKGÖNÜLLÜ S., YAVUZ H., DENİZLİ A.  
SEPARATION SCIENCE PLUS, cilt.4, sa.3, ss.147-156, 2021 (ESCI)
- VI. **Molecular Imprinting Technology for Biomimetic Assemblies**  
BERELİ N., AKGÖNÜLLÜ S., ASLIYÜCE ÇOBAN S., ÇİMEN D., GÖKTÜRK BAŞAL İ., TÜRKMEN D., YAVUZ ALAGÖZ H., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, cilt.48, sa.5, ss.575-601, 2020 (Hakemli Dergi)
- VII. **Separation of histidine enantiomers by capillary electrochromatography with molecularly imprinted**

### **monolithic columns**

Sarkaya K., Asir S., GÖKTÜRK BAŞAL I., Ektirici S., YILMAZ F., Yavuz H., DENİZLİ A.  
SEPARATION SCIENCE PLUS, cilt.3, sa.6, ss.235-245, 2020 (ESCI)

- VIII. **Advances in Biomimetic Systems for Molecular Recognition and Biosensing**  
SAYLAN Y., Erdem O., Inci F., DENİZLİ A.  
BIOMIMETICS, cilt.5, sa.2, 2020 (ESCI)
- IX. **Versatile polymeric cryogels and their biomedical applications Yazarlar**  
AKGÖNÜLLÜ S., Bakhshpour M., İDİL N., ANDAÇ A. M., YAVUZ ALAGÖZ H., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, cilt.48, sa.2, ss.99-118, 2020 (Hakemli Dergi)
- X. **Separation of D,L-Ampicillin by ligand exchange-micellar electrokinetic chromatography**  
Sarı D., DERAZSHAMSHIR A., AŞIR S., GÖKTÜRK BAŞAL I., YILMAZ F., DENİZLİ A.  
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, cilt.9, sa.6, ss.4522-4533, 2019 (ESCI)
- XI. **Indian saffron - Turmeric (Curcuma longa) embedded supermacroporous cryogel discs for heavy metal removal**  
Ashyuce S., BERELİ N., Topcu A., Ramteke P. W., DENİZLİ A.  
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, cilt.9, sa.5, ss.4356-4361, 2019 (ESCI)
- XII. **Molecularly imprinted biomimetic surface plasmon resonance sensor for hormone detection**  
Turkoglu E. A., Bakhshpour M., DENİZLİ A.  
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, cilt.9, sa.4, ss.4090-4095, 2019 (ESCI)
- XIII. **Development of ion-imprinted cryogels for selective removal of arsenic from environmental waters**  
BEKTAŞ H., Andac M., ÇETİN K., Qureshi T., DENİZLİ A.  
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, cilt.9, sa.4, ss.4119-4125, 2019 (ESCI)
- XIV. **Supermacroporous Composite Cryogels in Biomedical Applications**  
SAYLAN Y., DENİZLİ A.  
GELS, cilt.5, sa.2, 2019 (ESCI)
- XV. **Magnetic Nanoparticles and Their Biomedical Applications**  
ÇETİN K., Fatma D., YAVUZ ALAGÖZ H., Qureshi T., TÜRKMEN D., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, cilt.47, sa.2, ss.143-152, 2019 (Hakemli Dergi)
- XVI. **Oral Chelation Therapy for Cadmium Poisoning with Cd(II)- MAC Imprinted PHEMAC Nanoparticles**  
Jalilzadeh M., ÇİMEN D., YAVUZ ALAGÖZ H., DENİZLİ A.  
Hacettepe Jour, sa.46, ss.505-514, 2018 (Hakemli Dergi)
- XVII. **Molecularly Imprinted Polymers for Removal of Metal Ions: An Alternative Treatment Method**  
ERDEM Ö., SAYLAN Y., ANDAÇ ÖZDİL A. M., DENİZLİ A.  
biomimetics, 2018 (Hakemli Dergi)
- XVIII. **Preparation of a new quartz crystal microbalance sensor based on molecularly imprinted nanofilms for amitrole detection**  
ÇAKIR O., YILMAZ F., BAYSAL Z., DENİZLİ A.  
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, cilt.8, sa.4, ss.3435-3440, 2018 (ESCI)
- XIX. **Molecularly imprinted cryogel columns for Concanavalin A purification from jack bean extract**  
ÇİMEN D., BERELİ N., Andac M., DENİZLİ A.  
SEPARATION SCIENCE PLUS, cilt.1, sa.6, ss.454-463, 2018 (ESCI)
- XX. **Phanerochaete Chrysosporium Loaded Cryogel Column for Biosorption of Mercury from Aqueous Solution**  
ÇETİN K., TÜRKMEN D., QURESHİ T., SAĞLAM N., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, cilt.1, ss.77-86, 2016 (Hakemli Dergi)
- XXI. **Adsorption of BSA on Metal Loaded Monosize p GMA Microspheres**  
Evrin Banu A., Kartal F., TÜRKMEN D., Ali D., DENİZLİ A.  
Hacettepe Journal of Biologu and Chemistry, cilt.43, ss.225-233, 2015 (Hakemli Dergi)
- XXII. **Thermosensitive poly N isopropylacrylamide based cryogel A SAXS study**  
Veyis K., Elif Hilal Ş., İDE S., TÜRKMEN D., Rabel S., DENİZLİ A.  
Hacettepe Journal of Biology Chemistry, cilt.42, ss.237-249, 2014 (Hakemli Dergi)

- XXIII. **Study on an Hydrophilic Interaction Electrochromatography Method for Separation of Sulfonamide Antibiotics**  
AYDOĞAN C., YILMAZ F., ÇİMEN D., ANDAÇ ÖZDİL A. M., SHAIKH H., DENİZLİ A.  
HACETTEPE JOURNAL OF BIOLOGY AND CHEMISTRY, cilt.42, ss.443-450, 2014 (Hakemli Dergi)
- XXIV. **Synthesis and Characterization of Poly N isopropylacrylamide Thermosensitive Based Cryogel**  
Veyis K., TÜRKMEN D., Huma S., BERELİ N., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, cilt.41, ss.159-166, 2013 (Hakemli Dergi)
- XXV. **Poly hydroxyethyl methacrylate Nanoparticles for Environmental Applications**  
TÜRKMEN D., Veyis K., UZUN L., ÖZTÜRK ATAY N., AKGÖL S., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, cilt.37, ss.157-168, 2009 (Hakemli Dergi)
- XXVI. **Ion Imprinted Thermosensitive Polymers for Fe<sup>3+</sup> Removal from Human Plasma**  
Seçil U., YILMAZ E., TÜRKMEN D., UZUN L., SAY R., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, cilt.36, ss.291-304, 2008 (Hakemli Dergi)
- XXVII. **Supermacroporous Support Having Dye for Reuseable Enzyme Immobilization**  
TÜZMEN M. N., BERELİ N., ANDAÇ ÖZDİL A. M., AKGÖL S., DENİZLİ A.  
HACETTEPE JOURNAL OF BIOLOGY AND CHEMISTRY, cilt.36, ss.9-19, 2008 (Hakemli Dergi)
- XXVIII. **Poly acrylamide allyl glycidyl ether Cryogel as a Novel Stationary Phase for Chlorophenol Adsorption**  
ENGİN B., UZUN L., TÜRKMEN D., YILMAZ E., IGOR YU G., DENİZLİ A., BEKTAŞ F. S.  
Hacettepe Journal of Biology and Chemistry, cilt.35, ss.219-231, 2007 (Hakemli Dergi)
- XXIX. **Performance of dye affinity beads for aluminium removal in magnetically stabilized fluidized bed**  
YAVUZ ALAGÖZ H., SAY R., ANDAÇ ÖZDİL A. M., Bayraktar N., DENİZLİ A.  
BioMagnetic Research and Technology, cilt.2, sa.1, ss.5, 2004 (Scopus)

## **Kitap & Kitap Bölümleri**

- I. **Plasmonic nanosensors for chemical warfare agents**  
AKGÖNÜLLÜ S., ÇALIŞIR M., Özbek M. A., Erkek M., BERELİ N., DENİZLİ A.  
Sensing of Deadly Toxic Chemical Warfare Agents, Nerve Agent Simulants, and their Toxicological Aspects, Sangita Das, Partha Pratim Das, Sabu Thomas, Editör, Elsevier, ss.81-96, 2023
- II. **Nano-sensors and nano-devices for biological disaster monitoring (virus/disease epidemics/animal plagues detections)**  
AKGÖNÜLLÜ S., DENİZLİ A.  
Nanotechnology-Based Smart Remote Sensing Networks for Disaster Prevention, , Editör, Elsevier, ss.43-57, 2022
- III. **Nanosensors for smartphone-enabled sensing devices**  
SAYLAN İNCİ Y., AKGÖNÜLLÜ S., ÖZGÜR E., DENİZLİ A.  
Nanotechnology-Based Smart Remote Sensing Networks for Disaster Prevention, , Editör, Elsevier, ss.85-1104, 2022
- IV. **Nanosensors for smartphone-enabled sensing devices**  
SAYLAN Y., AKGÖNÜLLÜ S., ÖZGÜR E., DENİZLİ A.  
Nanotechnology-Based Smart Remote Sensing Networks for Disaster Prevention, , Editör, Elsevier, ss.85-104, 2022
- V. **Chapter Fourteen - Nanoparticle-based plasmonic devices for bacteria and virus recognition**  
AŞIR S., Bakhshpour M., ÜNAL S., DENİZLİ A.  
Modern Practical Healthcare Issues in Biomedical Instrumentation, Dilber Özşahin, İlker Özşahin, Editör, Academic Press, ss.167-183, 2022
- VI. **Mass-sensitive based biosensors**  
ÖZGÜR E., SAYLAN İNCİ Y., AKGÖNÜLLÜ S., DENİZLİ A.  
Biosensors: Fundamentals, Emerging Technologies, and Applications, , Editör, CRC Press, ss.89-104, 2022
- VII. **Plasmonic Nanoparticles for Naked-Eye Detection of Environmental Pollutants**  
AKGÖNÜLLÜ S., YÜCEL M., BERELİ N., DENİZLİ A.

Nanobiosensors for Environmental Monitoring, , Editör, Springer, ss.279-297, 2022

- VIII. **Virus-Based Nanocarriers for Targeted Drug Delivery**  
AKGÖNÜLLÜ S., Bakhshpour M., SAYLAN Y., DENİZLİ A.  
Viral and Antiviral Nanomaterials Synthesis, Properties, Characterization, and Application, Devarajan Thangadurai, Saher Islam, Charles Oluwaseun Adetunji, Editör, CRC Press, Boca Raton, ss.173-191, 2022
- IX. **Imprinted polymers in biosensors**  
SAYLAN İNCİ Y., AKGÖNÜLLÜ S., BERELİ N., DENİZLİ A.  
Biosensors: Fundamentals, Emerging Technologies, and Applications, , Editör, CRC Press, ss.123-133, 2022
- X. **Scaling up of biosensors for clinical applications and commercialization**  
SAYLAN İNCİ Y., AKGÖNÜLLÜ S., BERELİ N., YAVUZ ALAGÖZ H., DENİZLİ A.  
Advanced Biosensors for Virus Detection Smart Diagnostics to Combat SARS-CoV-2, , Editör, Academic Press , ss.407-421, 2022
- XI. **Utility of nanobiosensors in agriculture**  
ÇALIŞIR M., GÖKTÜRK BAŞAL I., TÜRKMEN D., YILMAZ F., DENİZLİ A.  
Bionanomaterials for Environmental and Agricultural Applications, Ravindra Pratap Singh, Kshitij RB Singh, Editör, Institute of Physics Publishing, Londrina, ss.4-31, 2021
- XII. **Plasmonic Sensors for Detection of Chemical and Biological Warfare Agents**  
AKGÖNÜLLÜ S., SAYLAN Y., BERELİ N., TÜRKMEN D., YAVUZ ALAGÖZ H., DENİZLİ A.  
Plasmonic Sensors and their Applications, Adil Denizli, Editör, Wiley, Weinheim, ss.71-85, 2021
- XIII. **Current Trends of Plasmonic Nanosensors Use in Agriculture**  
Qureshi T., TÜRKMEN D., DENİZLİ A.  
Biosensors in Agriculture: Recent Trends and Future Perspectives, R. N. Pudake, Editör, Springer, Cham, ss.97-113, 2021
- XIV. **Plasmonic Smart Nanosensors for the Determination of Environmental Pollutants**  
SAYLAN Y., YILMAZ F., ÖZGÜR E., DERAZSHAMSHIR A., DENİZLİ A.  
Emerging Carbon-Based Nanocomposites for Environmental Applications, Ajay Kumar Mishra Chaudhery Mustansar Hussain Shivani Bhardwaj Mishra, Editör, Scrivener Publishing / Wiley, ss.237-279, 2020
- XV. **SENSORS APPLICATIONS OF METAL NANOPARTICLES**  
AKGÖNÜLLÜ S., YAVUZ ALAGÖZ H., DENİZLİ A.  
PARTICULATE TECHNOLOGY AND APPLICATIONS, TUNCEL A., YAVUZ H., Editör, PALME DİZGİ GRAFİK BİRİMİ, Ankara, ss.205-215, 2019
- XVI. **Molecularly Imprinted Nanomaterials: Applications in Biosensors and Biodiagnostics**  
YILMAZ E., ÖZGÜR E., ÇİMEN D., DENİZLİ A.  
Affinity Sensors, , Editör, Hacettepe University Press, ss.1-26, 2019
- XVII. **MASS TRANSFER IN CRYOGELS**  
BATTAL D., AKGÖNÜLLÜ S., ÇİMEN D., SAYLAN Y., ASLIYÜCE ÇOBAN S., DENİZLİ A.  
CRYOGELS AND MONOLITHS, MATTIASSON B., DENİZLİ A., Editör, PALME DİZGİ-GRAFİK BİRİMİ, Ankara, ss.181-188, 2019
- XVIII. **Gold Nanoparticles and Molecular Imprinting Technique**  
ÖZGÜR E., YILMAZ E., TOPÇU A. A., DENİZLİ A.  
Molecular Imprinting, , Editör, Hacettepe University Press, ss.33-46, 2019
- XIX. **SURFACE PLASMON RESONANCE BASED SENSORS FOR ALLERGENS DETECTION**  
AKGÖNÜLLÜ S., YAVUZ ALAGÖZ H., DENİZLİ A.  
AFFINITY SENSORS, DENİZLİ A., Editör, PALME DİZGİ GRAFİK BİRİMİ, Ankara, ss.151-162, 2019
- XX. **Bacterial cellulose nanofibers for efficient removal of Hg<sup>2+</sup> from aqueous solutions**  
TAMAHKAR IRMAK E., TÜRKMEN D., AKGÖNÜLLÜ S., QURESHI T., DENİZLİ A.  
Nanotechnology for Sustainable Water Resources, Ajay Kumar Mishra, Chaudhery Mustansar Hussain, Editör, John Wiley Sons, Inc., ss.501-522, 2018
- XXI. **Bacterial Cellulose Nanofibers for Efficient Removal of Hg<sup>2+</sup> from Aqueous Solutions**  
TAMAHKAR IRMAK E., TÜRKMEN D., agönüllü s., Qureshi T., DENİZLİ A.  
Nanotechnology for Sustainable Water Resources, Ajay Kumar Mishra, Chaudhery Mustansar Hussain, Editör, CRC,

New York, ss.501-518, 2018

- XXII. **Recent Advances in Molecularly Imprinted Cryogels for Protein Recognition**  
ANDAÇ ÖZDİL A. M., GALAEV I., DENİZLİ A.  
Cryogels and Monoliths, Bo Mattiasson, Adil Denizli, Editör, Hacettepe University, 2018
- XXIII. **Sensor Applications For Environmental Pollutants.**  
SAYLAN Y., ERDEM Ö., YILMAZ F., CİHANGİR N., DENİZLİ A.  
Affinity Sensors, Adil denizli, Editör, Kukla Kirtasiye Bilgisayar ve Malzeme Tic.Ltd.Şti.Beytepe, ANKARA, Ankara, ss.53-77, 2018
- XXIV. **Surface plasmon resonance sensors for medical diagnosis**  
SAYLAN Y., YILMAZ F., ÖZGÜR E., DERAZSHAMSHIR A., BERELİ N., YAVUZ ALAGÖZ H., DENİZLİ A.  
Nanotechnology Characterization Tools for Biosensing and Medical Diagnosis, Kumar, C.S.S.R., Editör, Springer Berlin Heidelberg, ss.425-458, 2018
- XXV. **Ion imprinted polymers**  
TAMAHKAR IRMAK E., PERÇİN DEMİRÇELİK I., ANDAÇ ÖZDİL A. M., DENİZLİ A.  
Molecular Imprinting, Adil Denizli, Editör, Hacettepe Üniversitesi, Ankara, ss.143-167, 2018
- XXVI. **Cryogels for protein purification and depletion**  
GÖKTÜRK BAŞAL I., BAKHSHPOUR M., YILMAZ F., KARTAL ERSOY F., BERELİ N., DENİZLİ A.  
Cryogels and Monoliths, Bo Mattiasson, Adil Denizli, Editör, Hacettepe Üniversitesi, Ankara, ss.95-118, 2018
- XXVII. **SENSORS FOR THE QUALITY DETECTION OF BEVERAGES**  
BERELİ N., ÇİMEN D., TÜRKMEN D., YAVUZ ALAGÖZ H., DENİZLİ A.  
AFFINITY SENSORS, Adil Denizli, Editör, Kukla Kirtasiye Bilgisayar ve Malzeme Tic. Ltd. Şti., Beytepe, Ankara, Ankara, ss.203-225, 2017
- XXVIII. **Surface plasmon resonance based nanosensors for detection of triazinic pesticides in agricultural foods**  
YILMAZ F., SAYLAN Y., AKGÖNÜLLÜ S., ÇİMEN D., DERAZSHAMSHİR A., BERELİ N., DENİZLİ A.  
New Pesticides and Soil Sensors, Alexandru Mihai Grumezescu, Editör, Academic Press, ss.679-718, 2017
- XXIX. **Cryogels: Applications in Extracorporeal Affinity Therapy**  
YAVUZ ALAGÖZ H., BERELİ N., BAYDEMİR PEŞİNT G., ANDAÇ A. M., TÜRKMEN D., DENİZLİ A.  
Supermacroporous Cryogels: Biomedical and Biotechnological Applications, Ashok Kumar, Editör, Taylor and Francis, Indianapolis, ss.387-416, 2016
- XXX. **Yüzey Plazmon Rezonans Sensörler**  
YILMAZ E., ÖZGÜR E., DENİZLİ A.  
Afinite Temelli Biyosensörler, , Editör, Kukla, Ankara, ss.117-124, 2016
- XXXI. **Chapter 6: Molecularly imprinted nanoparticles for the Removal of Arsenic from Environmental Water sources.**  
KARAKOÇ V., ANDAÇ ÖZDİL A. M., DENİZLİ A.  
Nanomaterials for Water Remediation Carbon based materials, Ajay Kumar Mishra, Editör, Smithers Rapra, 2016
- XXXII. **Cryogels for Affinity Chromatography**  
BERELİ N., TÜRKMEN D., YAVUZ ALAGÖZ H., IGOR YURİ G., DENİZLİ A.  
Advanced Separations by Specialized Sorbents, Ecaterina Stela Dragan, Editör, CRC Press, 2015
- XXXIII. **Bacterial Cellulose Nanofibers for Dye-Affinity Adsorption of Recombinant Human Interferon- $\alpha$**   
KARAKOÇ V., TÜRKMEN D., TAMAHKAR IRMAK E., KUTSAL T., DENİZLİ A.  
Protein Purification, Miguel Benites, Victoria Aguirre, Editör, Nova Science Publishers, New York, ss.185-197, 2012
- XXXIV. **High Capacity Removal of Mercury(II) Ions by Poly(Hydroxyethyl Methacrylate) Nanoparticles**  
TÜRKMEN D., ÖZTÜRK ATAY N., AKGÖL S., DENİZLİ A.  
Environanotechnology, Maohong Fan, Alan E. Bland, Rachid Slimane, Editör, Elsevier, Amsterdam, ss.23-37, 2010

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. KAPILER ELEKTROKROMATOĞRAFI İÇİN POLİMETAKRİLOİL-LFENİLALANIN [PMAPA]-TABANLI



## **MONOLİTİK KOLON**

DERAZSHAMSHIR A., AŞIR S., GÖKTÜRK BAŞAL I., EKTİRİCİ S., YILMAZ F., DENİZLİ A.

13.ULUSAL AFİNİTE TEKNİKLERİ KONGRESİ, Türkiye, 4 - 06 Eylül 2019

- II. **SÜPERMAKROGÖZENEKLI KRIYOJELLER İLE KOLESTEROL UZAKLAŞTIRILMASI,**  
GÖKTÜRK BAŞAL I., SAYLAN Y., ÖZSEVGİÇ M., YILMAZ F., YAVUZ ALAGÖZ H., DENİZLİ A.  
13.ULUSAL AFİNİTE TEKNİKLERİ KONGRESİ, Türkiye, 4 - 06 Eylül 2019
- III. **DETECTION OF AFLATOXIN B1 USING AV MOLECULARLY IMPRINTED POLYMER-COATED OPTIC SENSOR**  
AKGÖNÜLLÜ S., YAVUZ ALAGÖZ H., DENİZLİ A.  
8th Graduate Student Symposium on Molecular Imprinting, 28 - 30 Ağustos 2019
- IV. **Separation of D,L-ampicillin by Ligand Exchange-Micellar Electrokinetic Chromatography**  
AŞIR S., GÖKTÜRK BAŞAL I., derazshamshir A., Sarı D., Ektirici S., TOPÇU A. A., DENİZLİ A.  
18. Uluslararası Katılımlı Kromatografi Kongresi, İstanbul, Türkiye, 15 - 18 Kasım 2018
- V. **Molecularly imprinted magnetic bacterial cellulose nanofibers for recognition of nucleoside**  
SAYLAN Y., Pospiskova K., Safarik I., DENİZLİ A.  
256th National Meeting and Exposition of the American-Chemical-Society (ACS) - Nanoscience, Nanotechnology and Beyond, Massachusetts, Amerika Birleşik Devletleri, 19 - 23 Ağustos 2018, cilt.256
- VI. **MACROMOLECULARLY IMPRINTED COMPOSITE CRYOGELS FOR PROTEIN RECOGNITION**  
ANDAÇ ÖZDİL A. M., BAYDEMİR PEŞİNT G., DENİZLİ A.  
International Biomedical Engineering Congress 18 IBMEC12, 24 - 27 Mayıs 2018
- VII. **Preparation of Molecularly Imprinted Polymers for Enterococcus faecalis Detection .**  
ERDEM Ö., SAYLAN Y., CİHANGİR N., DENİZLİ A.  
13 th Nanoscience and Nanotechnology Conference, Antalya, Türkiye, 22 - 25 Ekim 2017
- VIII. **Separation and determination of Ochratoxin A in food using affinity monolithic column coupled with two-dimensional HPLC system**  
ARMUTCU ÇORMAN C., ÇORMAN M. E., UZUN L., DENİZLİ A.  
31st EFFoST, Sitges, İspanya, 13 - 16 Kasım 2017
- IX. **Bacterial Surface Protein Imprinted Nanoparticles for Surface Plasmon Resonance Sensor Applications.**  
ERDEM Ö., SAYLAN Y., CİHANGİR N., DENİZLİ A.  
Microbiologia Balkanika 10th Balkan Congress of Microbiology, Sofija, Bulgaristan, 16 - 18 Ekim 2017
- X. **Synthesis and Characterization of Bacterial Surface Protein Imprinted Nanoparticles.**  
ERDEM Ö., SAYLAN Y., CİHANGİR N., DENİZLİ A.  
Microbiologia Balkanika 10th Balkan Congress of Microbiology., Sofija, Bulgaristan, 16 - 18 Ekim 2017
- XI. **Antibiyotik Baskılanmış Monolitik Kolonlar**  
AĞLAMAZ M. D., TOPÇU A. A., TÜRKMEN D., DENİZLİ A.  
17. Kromatografi Kongresi, Çorum, Türkiye, 20 - 22 Eylül 2017
- XII. **Hemoglobin A1c Ayrılması İçin Monolitik HPLC Kolonlar**  
BAYRAM E., ARMUTCU ÇORMAN C., ÇORMAN M. E., TABAK A., UZUN L., DENİZLİ A.  
XVII. Kromatografi Kongresi, Çorum, Türkiye, 20 - 22 Eylül 2017
- XIII. **Hemoglobin A1c Ayrılması İçin Monolitik HPLC Kolonlar**  
BAYRAM E., ARMUTCU ÇORMAN C., ÇORMAN M. E., TABAK A., UZUN L., DENİZLİ A.  
XVII. Kromatografi Kongresi, Çorum, Türkiye, 20 - 22 Eylül 2017
- XIV. **Bakteriyel Selüloz Nanofiberler ile Protein Uzaklaştırılması**  
GÖKTÜRK BAŞAL I., TAMAHKAR IRMAK E., YILMAZ F., DENİZLİ A.  
17. Kromatografi Kongresi, Türkiye, 20 - 22 Eylül 2017
- XV. **Effective RNA Purification via Adenine Decorated Cryogels**  
KÖSE K., EROL K., ÖZGÜR E., UZUN L., DENİZLİ A.  
10th International Conference Structure and Stability of Biomacromolecules (SSB 2017), Koshice, Slovakya, 4 - 07 Eylül 2017
- XVI. **Cytotoxicity of newly synthesized biodegradable macroporous cryogels in human dermal fibroblasts**

**cell line**

Percin I., Andac M., Suloglu A. K., DENİZLİ A.

European Biotechnology Congress, Dubrovnik, Hırvatistan, 25 - 27 Mayıs 2017, cilt.256

- XVII. **Microcontact imprinted based SPR biosensors for the detection of Salmonella paratyphi**  
PERÇİN DEMİRÇELİK I., İDİL N., Bakhshpour M., Yılmaz E., DENİZLİ A.  
European Biotechnology Congress, Dubrovnik, Hırvatistan, 25 - 27 Mayıs 2017, cilt.256
- XVIII. **Saccharomyces cerevisiae'den Malat Dehidrogenaz Saflaştırılması için Biya-Afinite Kriyojel Diskler**  
Hamade A., BERELİ N., TOPÇU A. A., TÜRKMEN D., Elkak A., DENİZLİ A.  
11. Ulusal Afinite Teknikleri Kongresi, Aydın, Türkiye, 15 Haziran - 17 Temmuz 2017
- XIX. **L-Phenylalanine incorporated monolithic columns for affinity ochratoxin A determination**  
ÇORMAN M. E., ARMUTCU ÇORMAN C., UZUN L., DENİZLİ A.  
AFFINITY 2017, Paris, Fransa, 25 - 29 Haziran 2017
- XX. **Aminoasit Temelli Nanopartiküllerin Sentezlenmesi Ve Karakterizasyonu**  
ERDEM Ö., SAYLAN Y., DENİZLİ A., CİHANGİR N.  
11. Ulusal Afinite Teknikleri Kongresi Adnan Menderes Üniversitesi, Aydın, Türkiye, 15 - 17 Haziran 2017
- XXI. **Polyethyleneimine assisted-two-step polymerization to develop surface imprinted cryogels for lysozyme purification**  
EROL K., KÖSE K., UZUN L., SAY R., DENİZLİ A.  
14th International Symposium on Applied Bioinorganic Chemistry, 7 - 10 Haziran 2017
- XXII. **Development of Molecularly Imprinted Surface Plasmon Resonance Sensor for Albumin Detection**  
SAYLAN Y., GÖKTÜRK BAŞAL I., YILMAZ F., DENİZLİ A.  
BIOMED 2017, 12 - 14 Mayıs 2017
- XXIII. **Cu(II)-Imprinted Nanoparticles for Real Time Detection of Cu(II) Ions**  
ANDAÇ ÖZDİL A. M., AYDOĞAN N., BAKSHPOUR M., DENİZLİ A.  
2nd World Congress on Recent Advances in Nanotechnology, 4 - 06 Nisan 2017
- XXIV. **Construction of hydrophobic nanoparticles based surface plasmon resonance biosensor for lysozyme detection**  
SAYLAN Y., YILMAZ F., Derazshamshir A., DENİZLİ A.  
253rd National Meeting of the American-Chemical-Society (ACS) on Advanced Materials, Technologies, Systems, and Processes, San-Francisco, Kostarika, 2 - 06 Nisan 2017, cilt.253
- XXV. **Lizozim Saflaştırılması için Poli L Histidin Kriyojeller**  
ÇİMEN D., TÜRKMEN D., DENİZLİ A.  
Kromatografi 2016, Türkiye, 30 Ağustos - 02 Eylül 2016
- XXVI. **Modifiye Edilmiş Bakteriyel Selüloz Nanofiberler ile Protein Adsorpsiyonu**  
Bakhshpour M., TAMAHKAR IRMAK E., ANDAÇ ÖZDİL A. M., DENİZLİ A.  
10. Ulusal Afinite Teknikleri Kongresi, Türkiye, 26 - 28 Mayıs 2016
- XXVII. **Utilization of chloramphenicol imprinted nanoparticles in surface plasmon resonance nanosensors**  
KARA M., UZUN L., KOLAYLI S., DENİZLİ A.  
European Biotechnology Conference, Letonya, 5 - 07 Mayıs 2016, cilt.231
- XXVIII. **Preparation of Molecular Imprinted Nanoparticle for the Selective Determination of Ciprofloxacin with Surface Plasmon Resonance Sensor**  
DUMAN M., Sari E., ÜZEK R., DENİZLİ A.  
26th Anniversary World Congress on Biosensors 2016, 25 - 27 Mayıs 2016
- XXIX. **Poly vinyl alcohol polyethyleneimine PVA PEI blended monolithic cryogelcolumns for the depletion of haemoglobin from human blood**  
PERÇİN DEMİRÇELİK I., GÖKTÜRK BAŞAL I., DENİZLİ A.  
10. Ulusal Afinite Teknikleri Kongresi, Türkiye, 26 Mayıs 2016
- XXX. **Characterization of Ion Imprinted Based Nanosensor for Real Time Detection Of Cu Ii Ions**  
Aydoğan N., ANDAÇ ÖZDİL A. M., DENİZLİ A.  
2nd INTERNATIONAL CONGRESS of FORENSIC TOXICOLOGY Industrial and Environmental Toxicology, 26 Mayıs 2016

- XXXI. **BOYA LİGAND AFİNİTE KRIYOJELLER İLE SACCHAROMYCES CEREVISIAE DEN MALAT DEHİDROGENAZ ENZİMİNİN SAFLAŞTIRILMASI**  
PERÇİN DEMİRÇELİK I., GÖKTÜRK BAŞAL I., DENİZLİ A.  
10. Ulusal afinite teknikleri kongresi, Türkiye, 26 Mayıs 2016
- XXXII. **Molecularly Imprinted Plasmonic Biosensors for Hemoglobin Detection**  
SAYLAN Y., DENİZLİ A.  
15th IEEE Sensors Conference, Florida, Amerika Birleşik Devletleri, 30 Ekim - 02 Kasım 2016
- XXXIII. **Hızlı basit hassas ve seçici biyosensör sistemlerin tasarımı ve geliştirilmesi**  
DUMAN M., DENİZLİ A., sülek S., aydın U., Kazancı E., Okan M., Aylaz G.  
Aselsan 1. sağlık teknolojileri çalıştayı, Türkiye, 9 - 11 Aralık 2015
- XXXIV. **Desing of Molecularly Imprinted Magnetic Nanoparticles for the Usage in the Removal of Heavy Metal from Surface and Ground Water**  
Melike Ö. T., TÜRKMEN D., DENİZLİ A.  
AFFTECH 2015, 30 Ağustos - 12 Eylül 2016, ss.128
- XXXV. **Characterization of Modified Gold Nanoparticles For Competitive Affinity Chromatography Method**  
Aydın U., Çiçek Ç., Andaç A. M., DENİZLİ A., DUMAN M.  
Advance Material World Congress 2015, 23 - 26 Ağustos 2015
- XXXVI. **Molecularly imprinted cryogel cartridges for specific filtration and rapid separation of interferon alpha**  
ARMUTCU C., ÇORMAN M. E., ÖZKARA YAVUZ S., UZUN L., DENİZLİ A.  
Advanced Materials World Congress 2015, 23 - 26 Ağustos 2015
- XXXVII. **Macro molecularly Imprinted Cryogels of Transferrin Separation**  
ANDAÇ ÖZDİL A. M., BAYDEMİR PEŞİNT G., DENİZLİ A.  
The International Conference on Chemical and Biochemical Engineering, 20 - 22 Temmuz 2015
- XXXVIII. **Determination of Bupivacaine on Quartz Crystal Microbalance Based Nanosensors**  
TAN G., SAYLAN Y., GÖKTÜRK BAŞAL I., YILMAZ F., DENİZLİ A.  
2. Uluslararası Biyosensör kongresi, İzmir, 10 - 12 Haziran 2015
- XXXIX. **Dondurarak Çapraz Bağlama ile Moleküler Baskılanmış Nanopartiküllerin Kriyo şekillendirilmesi**  
GÖKTÜRK BAŞAL I., ÜZEK R., UZUN L., DENİZLİ A.  
15. Ulusal kromatografi Kongresi, Uşak, Türkiye, 8 - 10 Nisan 2015
- XL. **Estradiol Imprinted Nanoparticles for POC Diagnostics**  
DUMAN M., Sarı E., DENİZLİ A.  
Point of Care Diagnostic, 17 - 18 Mart 2015
- XLI. **Preparation of Molecular Imprinted Nanoparticle for the Selective Determination of Erythromycin with Surface Plasmon Resonance Sensor**  
Sarı E., Meltem O., Süzek R., DENİZLİ A., DUMAN M.  
17. Annual Linz Winter Workshop, 30 Ocak - 02 Şubat 2015
- XLII. **Investigation of lectin and serum-PSA interaction using magnetic poly(glycidyl methacrylate) microspheres**  
İDİL N., PERÇİN DEMİRÇELİK I., Yavuz H., AKSÖZ N., DENİZLİ A.  
European Biotechnology Congress, Lecce, İtalya, 15 - 18 Mayıs 2014, cilt.185
- XLIII. **Phanerochate chryso sporium Gömülü Kriyojel Kolonlarla Hg II Biyosorpsiyonu**  
TÜRKMEN D., SAĞLAM N., DENİZLİ A.  
14. Ulusal Kromatografi Kongresi, Türkiye, 12 - 15 Mayıs 2014
- XLIV. **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
- XLV. **Synthesis and Characterization of Magnetic PGMA Microspheres for Cell Separation**  
ÇAKMAK S., DENİZLİ A., GÜMÜŞDERELİOĞLU M.  
Biomed 2008, Muğla, Türkiye, 3 - 07 Mayıs 2008

## Desteklenen Projeler

- DENİZLİ A., AÇIKBAŞ Ş., Yükseköğretim Kurumları Destekli Proje, Kurkumin Tayinine Yönelik Yüzey Plazmon Rezonans Temelli Nanosensörlerin Hazırlanması, 2019 - 2022
- DENİZLİ A., BERELİ N., ÇİMEN D., Yükseköğretim Kurumları Destekli Proje, İçeceklerde Bulunan Gıda Boyar Maddelerin Tayinine Yönelik Sensörlerin Hazırlanması, 2018 - 2019
- ÇİMEN D., DENİZLİ A., BERELİ N., Yükseköğretim Kurumları Destekli Proje, Hayvansal Gıdalarda Testosteron Tayinine Yönelik Yüzey Plazmon Rezonans (SPR) Biosensörlerin Hazırlanması, 2018 - 2019
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Hacettepe Journal of Biology and Chemistry 50 Yıl Kitap Serisi, 2017 - 2019
- DENİZLİ A., YAVUZ ALAGÖZ H., BERELİ N., TÜRKMEN D., Yükseköğretim Kurumları Destekli Proje, Diklofenak Baskılanmış Sensörlerin Hazırlanması ve Diklofenak Tayininde Kullanımının Araştırılması, 2017 - 2019
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Hint Safranı-Turmerik (*Curcuma longa*) Gömülü Membranlar ile Ağır Metallerin Uzaklaştırılması, 2017 - 2018
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, HJBC Dergisinin 45\_1 ve 45\_2 Sayılarının Basımı, 2017 - 2017
- DENİZLİ A., ARMUTCU ÇORMAN C., Yükseköğretim Kurumları Destekli Proje, Gıdalardaki Okratoksin Anın Ayrılması ve Tayininde Afinite Monolitik Kolon Bağlı İki Boyutlu HPLC Sisteminin Kullanılması, 2017 - 2017
- SAYLAN İNCİ Y., DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Protein Tayini için Moleküler Baskılanmış Yüzey Plazmon Rezonans Nanosensörleri Hazırlanması, 2017 - 2017
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, HJBC 44\_3 ve 44\_4 Basımı, 2017 - 2017
- BERELİ N., DENİZLİ A., TÜRKMEN D., Yükseköğretim Kurumları Destekli Proje, Histidin Miktarının Tayinine Yönelik Kuvars Kristal Miktoterazi QCM Biyosensörlerin Hazırlanması, 2017 - 2017
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Afinite Serüveninin Dünü ve Bugünü, 2017 - 2017
- DENİZLİ A., ARMUTCU ÇORMAN C., Yükseköğretim Kurumları Destekli Proje, Endokrin bozucuların eş zamanlı kantitatif tayini için iki boyutlu HPLC ile online bağlanmış Fenilalanin fonksiyonel monolit, 2017 - 2017
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Afinite Temelli Biyosensörler Yaz Okulu, 2017 - 2017
- ASLIYÜCE ÇOBAN S., DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Siyanür yıkımı için *Trichoderma* spp. gömülü süpermakrogözenekli kriyojeller, 2017 - 2017
- PERÇİN DEMİRÇELİK I., DENİZLİ A., ANDAÇ ÖZDİL A. M., KILIÇ SÜLOĞLU A., Yükseköğretim Kurumları Destekli Proje, Yeni Nesil Biyobozunur Makrogözenekli Kriyojellerin İnsan Dermal Fibroblast Hücre Hattında Sitotoksitesisi, 2017 - 2017
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Hacettepe Journal of Biology and Chemistry dergisinin basımı (44\_1 ve 44\_2), 2017 - 2017
- DENİZLİ A., SAYLAN Y., Yükseköğretim Kurumları Destekli Proje, Lizozim Tayini için Hidrofobik Temelli Yüzey Plazmon Rezonans Biyosensörlerin Hazırlanması, 2017 - 2017
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, MİTOMİSİN C SALIMI İÇİN MOLEKÜLER BASKILANMIŞ KRİYOJEL MEMBRANLAR, 2016 - 2017
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Hacettepe Journal of Biology and Chemistry dergisinin basımı, 2016 - 2017
- DENİZLİ A., SAYLAN Y., Yükseköğretim Kurumları Destekli Proje, Hemogloblin Tayini için Moleküler Baskılanmış Plazmonik Biyosensörler, 2016 - 2017
- BERELİ N., DENİZLİ A., ÇİMEN D., Yükseköğretim Kurumları Destekli Proje, RİBOFLAVİN VİTAMİN B2 TAYİNİ İÇİN YÜZEY PLAZMON REZONANS SPR TEMELLİ NANOSENSÖRLERİN HAZIRLANMASI, 2015 - 2017
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, KUANTUM NOKTALARI İLE MELAMİN SENSÖR GELİŞTİRİLMESİ, 2014 - 2017
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Narkotiklerin Tayinine Yönelik SPR ve QCM Sensörler, Devam Ediyor
- DENİZLİ A., ARMUTCU C., Yükseköğretim Kurumları Destekli Proje, Monolitik kolon kullanarak iki boyutlu HPLC sistemi ile sulu çözeltilerde Polisiklik Aromatik Hidrokarbonların Hızlı Analizi, 2016 - 2016
- DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, ÇİNKO İYONLARININ TAYİNİ İÇİN MOLEKÜLER BASKILANMIŞ NANOSENSÖRLERİN HAZIRLANMASI VE KARAKTERİZASYONU, 2016 - 2016

DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Protein Kromatografisi ve Yeni Nesil Polimerik Sistemler Yaz Okulu, 2016 - 2016

DENİZLİ A., BERELİ N., Yükseköğretim Kurumları Destekli Proje, PROTEİN C SAFLAŞTIRILMASI İÇİN MOLEKÜLER BASKILANMIŞ ADSORBENTLER, 2015 - 2016

DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Fen Bilimleri Enstitüsünün fiziksel koşullarının iyileştirilmesi, 2010 - 2016

BERELİ N., DENİZLİ A., ÇİMEN D., Yükseköğretim Kurumları Destekli Proje, PROTEİN C SAFLAŞTIRILMASI İÇİN MANYETİK NANOPARTİKÜLLER, 2015 - 2015

DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, Sulu Sistemde Bisfenol A'nın Seçici Tayini İçin Moleküler Baskılanmış Yüzey Plazmon Rezonans (SPR) Temelli Sensörler, 2015 - 2015

DENİZLİ A., Yükseköğretim Kurumları Destekli Proje, İçme sularında süpermakrogözenekli hidrojenlerle arsenik uzaklaşması, 2010 - 2015

## **Metrikler**

Yayın: 584

Atf (WoS): 9810

Atf (Scopus): 9826

H-İndeks (WoS): 50

H-İndeks (Scopus): 50