

# Prof. ADİL DENİZLİ

## Personal Information

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## Education Information

Doctorate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Turkey 1992 - Continues

Post Graduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Turkey 1986 - Continues

Under Graduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Turkey 1985 - Continues

## Foreign Languages

English, C1 Advanced

## Dissertations

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

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

## Research Areas

Chemical Engineering and Technology, Biotechnology, Bioprocess Separation Processes, Chemistry, Biochemistry, Amino Acids, Protein Chemistry, Natural Sciences, Engineering and Technology

## Academic Titles / Tasks

Professor, Hacettepe Üniversitesi, Fen Fakültesi, Kimya Bölümü, 2011 - Continues

## Advising Theses

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

DENİZLİ A., Amoksisilin Baskılanmış Yüzey Plazmon Rezonans Nanosensörler, Post Graduate, S.FAALNOURI(Student), 2018

DENİZLİ A., Mikroalbumin tayini için SPR temelli nanosensörlerin hazırlanması, Post Graduate, M.KOCA(Student), 2017

DENİZLİ A., Characterization of metal ions interactions in immobilized metal ion affinity chromatography by using computational tools, Post Graduate, D.SALHA(Student), 2017

DENİZLİ A., Kapiler elektrokromatografi yöntemiyle D,L ampisilin enantiyomerlerinin ayrımı, Post Graduate,

D.SARI(Student), 2017

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

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

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

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

DENİZLİ A., Bakteriyel selüloz nanofiberler ile protein uzaklaştırılması, Doctorate, I.GÖKTÜRK(Student), 2016

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

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

DENİZLİ A., CCP antikorlarının tayini için yüzey plazmon rezonans temelli biyosensörlerin hazırlanması, Post Graduate, H.DİBEKKAYA(Student), 2015

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

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

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

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

DENİZLİ A., Protein C saflaştırılması için moleküler baskılanmış adsorbentler, Post Graduate, B.DEMİRCİ(Student), 2013

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

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

DENİZLİ A., İnsan serum albumin baskılanmış eş boyutlu manyetik poli(glisidil metakrilat) partiküller, Post Graduate, F.KARTAL(Student), 2013

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

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

DENİZLİ A., Düşük molekül ağırlıklı heparin takılı phema kriyojel ile kandan kolesterol uzaklaştırılması, Post Graduate, G.UZUNOĞLU(Student), 2013

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

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

DENİZLİ A., Moleküler baskılanmış kriyojel disklerden florourasil salınımı, Post Graduate, K.ÇETİN(Student), 2013

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

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

DENİZLİ A., Glikoprotein ayrılması için monolitik sıvı kromatografisi kolonlarının hazırlanması, Post Graduate, C.ARMUTCU(Student), 2011

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

DENİZLİ A., Boya takılı manyetik poli(hidroksietil-metakrilat) nanoküreler ile kandan albümin azaltılması, Doctorate,

Ö.SAKA(Student), 2011

DENİZLİ A., Miyogloblin tayinine yönelik moleküler baskılanmış yüzey plazmon rezonans biyosensör hazırlanması, Doctorate, B.OSMAN(Student), 2011

DENİZLİ A., Lizozim saflaştırılmasına yönelik hidrofobik manyetik nanopartiküller, Post Graduate, K.KÖSE(Student), 2011

DENİZLİ A., Sitokrom c saflaştırılması için süpermakrogözenekli immobilize metal afinite kromatografi adsorbentler, Post Graduate, D.ÇİMEN(Student), 2011

DENİZLİ A., Boronat afinite kromatografisi için monolitik HPLC kolonları, Post Graduate, Y.SAYLAN(Student), 2011

DENİZLİ A., Monoklonal antibadi saflaştırılması için eşboyutlu manyetik partiküllerin hazırlanması, Doctorate, N.BERELİ(Student), 2010

DENİZLİ A., Yüzey plazmon rezonans temelli immunoglobulin G sensörünün hazırlanması, Post Graduate, G.ERTÜRK(Student), 2010

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

DENİZLİ A., Molecular imprinted cryogels for depletion of hemoglobin from human blood, Post Graduate, A.DERAZSHAMSHİR(Student), 2009

DENİZLİ A., Nanopartiküllerle duyarlılığı artırılmış yüzey plazmon rezonans biyosensörlerin hazırlanması, Post Graduate, G.ŞENER(Student), 2009

DENİZLİ A., ONUR M. A. , Talasemili hasta plazmasından demir uzaklaştırılması için Fe(III) baskılanmış süpermakrogözenekli kriyojellerin hazırlanması, Post Graduate, S.ASLIYÜCE(Student), 2009

DENİZLİ A., Albumin uzaklaştırılması için selüloz nanofiberler, Post Graduate, E.TAMAHKAR(Student), 2009

DENİZLİ A., Lektin afinite kromatografisi ile antikor saflaştırılması, Doctorate, B.AKKAYA(Student), 2009

DENİZLİ A., Micronsize magnetic beads for lysozyme purification, Doctorate, E.BANU(Student), 2008

DENİZLİ A., Production of kits for hepatit diagnosis, Doctorate, L.UZUN(Student), 2008

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

DENİZLİ A., Aluminum removal from human plasma based on molecular recognition using imprinted polymers, Post Graduate, A.HAMDİ(Student), 2007

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

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

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

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

DENİZLİ A., Nikel baskılanmış monolitik kolonlar, Doctorate, E.ÇUBUK(Student), 2007

DENİZLİ A., Preparation of cholesterol imprinted polymeric sorbents, Post Graduate, V.KARAKOÇ(Student), 2006

DENİZLİ A., Preparation of bilirubin imprinted adsorbents, Post Graduate, G.BAYDEMİR(Student), 2006

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

DENİZLİ A., Sitokrom C adsorbsiyonu için manyetik metal şelat afinite sorbentlerin hazırlanması, Post Graduate, B.AKKAYA(Student), 2005

DENİZLİ A., Preparation of immobilized metal affinity sorbents, Doctorate, M.SARI(Student), 2005

DENİZLİ A., Ion-selective imprinted polymer beads for mercury removal from human plasma, Post Graduate, S.MİREL(Student), 2005

DENİZLİ A., DNA carrying magnetic bioaffinity sorbents for systemic lupus erythematosus disease, Post Graduate, M.ODABAŞI(Student), 2000

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

### I. Designing composite cryogel carriers for tyrosine adsorption

Ozturk G., SAYLAN Y., DENİZLİ A.

SEPARATION AND PURIFICATION TECHNOLOGY, vol.254, 2021 (Journal Indexed in SCI)

- II. **Comparison of molecularly imprinted plasmonic nanosensor performances for bacteriophage detection**  
Erdem O., CİHANGİR N., SAYLAN Y., DENİZLİ A.  
NEW JOURNAL OF CHEMISTRY, vol.44, pp.17654-17663, 2020 (Journal Indexed in SCI)
- III. **Detection of amoxicillin residues in egg extract with a molecularly imprinted polymer on gold microchip using surface plasmon resonance and quartz crystal microbalance methods**  
BERELİ N., ÇİMEN D., Huseynli S., DENİZLİ A.  
JOURNAL OF FOOD SCIENCE, 2020 (Journal Indexed in SCI)
- IV. **Detection of cardiac troponin-I by optic biosensors with immobilized anti-cardiac troponin-I monoclonal antibody**  
ÇİMEN D., BERELİ N., Gunaydin S., DENİZLİ A.  
TALANTA, vol.219, 2020 (Journal Indexed in SCI)
- V. **Preparation of lysozyme loaded gelatin microcryogels and investigation of their antibacterial properties**  
ÇETİN K., ASLIYÜCE ÇOBAN S., İDİL N., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, 2020 (Journal Indexed in SCI)
- VI. **Protein chromatography by molecular imprinted cryogels**  
BERELİ N., Yavuz H., DENİZLİ A.  
JOURNAL OF LIQUID CHROMATOGRAPHY & RELATED TECHNOLOGIES, vol.43, pp.657-670, 2020 (Journal Indexed in SCI)
- VII. **Molecular docking of metal ion immobilized ligands to proteins in affinity chromatography**  
Salha D., Andac M., DENİZLİ A.  
JOURNAL OF MOLECULAR RECOGNITION, 2020 (Journal Indexed in SCI)
- VIII. **Magnetic bacterial cellulose nanofibers for nucleoside recognition**  
SAYLAN Y., GÖKTÜRK BAŞAL I., Pospiskova K., Safarik I., DENİZLİ A.  
CELLULOSE, 2020 (Journal Indexed in SCI)
- IX. **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, vol.59, pp.16068-16076, 2020 (Journal Indexed in SCI)
- X. **Metal-chelated magnetic nanoparticles for protein C purification**  
ÇİMEN D., BERELİ N., DENİZLİ A.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.55, pp.2259-2268, 2020 (Journal Indexed in SCI)
- XI. **A composite of imprinted polypyrrole beads and reduced graphene oxide for specific electrochemical sensing of atrazine in complex matrices**  
Ahmed S., Shaikh H., Solangi A., Berek J., Sirajuddin S., DENİZLİ A., Agheem M. H.  
MONATSHFTE FÜR CHEMIE, vol.151, pp.1271-1282, 2020 (Journal Indexed in SCI)
- XII. **Molecularly imprinted smart cryogels for selective nickel recognition in aqueous solutions**  
Andac M., Tamahkar E., DENİZLİ A.  
JOURNAL OF APPLIED POLYMER SCIENCE, 2020 (Journal Indexed in SCI)
- XIII. **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, vol.1147, 2020 (Journal Indexed in SCI)
- XIV. **Molecularly imprinted cryogel beads for cholesterol removal from milk samples**  
KARTAL F., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.190, 2020 (Journal Indexed in SCI)
- XV. **Biomimetic Nanoparticles Based Surface Plasmon Resonance Biosensors for Histamine Detection in Foods**

- Rahtuvanoglu A., AKGÖNÜLLÜ S., Karacan S., DENİZLİ A.  
CHEMISTRYSELECT, vol.5, pp.5683-5692, 2020 (Journal Indexed in SCI)
- XVI. **Surface plasmon resonance based biomimetic sensor for urinary tract infections**  
ÖZGÜR E., TOPÇU A. A. , YILMAZ E., DENİZLİ A.  
TALANTA, vol.212, 2020 (Journal Indexed in SCI)
- XVII. **Composite Polymeric Cryogel Cartridges for Selective Removal of Cadmium Ions from Aqueous Solutions**  
Huseynli S., Bakhshpour M., Qureshi T., Andac M., DENİZLİ A.  
POLYMERS, vol.12, 2020 (Journal Indexed in SCI)
- XVIII. **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, vol.92, pp.69-77, 2020 (Journal Indexed in SCI)
- XIX. **Molecularly imprinted cryogel cartridges for the selective recognition of tyrosine**  
Bakhshpour M., GÖKTÜRK BAŞAL I., BERELİ N., DENİZLİ A.  
BIOTECHNOLOGY PROGRESS, 2020 (Journal Indexed in SCI)
- XX. **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, vol.5, pp.4761-4769, 2020 (Journal Indexed in SCI)
- XXI. **A disposable microfluidic-integrated hand-held plasmonic platform for protein detection**  
Inci F., Saylan Y., Kojouri A. M. , Ogut M. G. , DENİZLİ A., Demirci U.  
APPLIED MATERIALS TODAY, vol.18, 2020 (Journal Indexed in SCI)
- XXII. **HbA1c detection via high-sensitive boronate based surface plasmon resonance sensor**  
Calisir M., Bakhshpour M., Yavuz H., DENİZLİ A.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.306, 2020 (Journal Indexed in SCI)
- XXIII. **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, 2020 (Journal Indexed in SCI)
- XXIV. **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, vol.6, 2020 (Journal Indexed in SCI)
- XXV. **Rapid and sensitive detection of synthetic cannabinoids JWH-018, JWH-073 and their metabolites using molecularly imprinted polymer-coated QCM nanosensor in artificial saliva**  
AKGÖNÜLLÜ S., Battal D., Yalcin M. S. , Yavuz H., DENİZLİ A.  
Microchemical Journal, vol.153, 2020 (Journal Indexed in SCI)
- XXVI. **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, 2020 (Journal Indexed in SCI)
- XXVII. **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, vol.44, pp.901-922, 2020 (Journal Indexed in SCI)
- XXVIII. **Advances in Molecularly Imprinted Systems: Materials, Characterization Methods and Analytical Applications**  
SAYLAN Y., DENİZLİ A.  
CURRENT ANALYTICAL CHEMISTRY, vol.16, pp.196-207, 2020 (Journal Indexed in SCI)
- XXIX. **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, vol.1136, 2020 (Journal Indexed in SCI)

- XXX. **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, vol.54, pp.2993-3004, 2019 (Journal Indexed in SCI)
- XXXI. **Selective detection of Escherichia coli caused UTIs with surface imprinted plasmonic nanoscale sensor**  
DİKEN GÜR S., BAKHSHPOUR M., DENİZLİ A.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.104, pp.1-7, 2019 (Journal Indexed in SCI Expanded)
- XXXII. **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, vol.204, pp.840-845, 2019 (Journal Indexed in SCI)
- XXXIII. **Molecularly Imprinted Polymer-Based Microfluidic Systems for Point-of-Care Applications**  
SAYLAN Y., DENİZLİ A.  
MICROMACHINES, vol.10, 2019 (Journal Indexed in SCI)
- XXXIV. **Combined protein A imprinting and cryogelation for production of spherical affinity material**  
ASLIYÜCE ÇOBAN S., Mattiasson B., DENİZLİ A.  
BIOMEDICAL CHROMATOGRAPHY, vol.33, 2019 (Journal Indexed in SCI)
- XXXV. **A dye-affinity cryogel membrane for malate dehydrogenase purification from Saccharomyces cerevisiae**  
Hamade K., Gokturk I., BERELİ N., TÜRKMEN D., Elkak A., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, 2019 (Journal Indexed in SCI)
- XXXVI. **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, vol.57, pp.758-765, 2019 (Journal Indexed in SCI)
- XXXVII. **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, vol.56, pp.877-886, 2019 (Journal Indexed in SCI)
- XXXVIII. **Detecting Fingerprints of Waterborne Bacteria on a Sensor**  
SAYLAN Y., Erdem O., CİHANGİR N., DENİZLİ A.  
CHEMOSENSORS, vol.7, 2019 (Journal Indexed in SCI)
- XXXIX. **Rapid sensing of Cu<sup>+2</sup> 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, vol.148, pp.141-150, 2019 (Journal Indexed in SCI)
- XL. **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, vol.30, pp.1276-1290, 2019 (Journal Indexed in SCI)
- XLI. **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, vol.30, pp.646-661, 2019 (Journal Indexed in SCI)
- XLII. **Immunoaffinity microcryogels for purification of transferrin**  
ÇETİN K., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES, vol.1114, pp.5-12, 2019 (Journal Indexed in SCI)
- XLIII. **Molecularly imprinted poly(N-isopropylacrylamide) thermosensitive based cryogel for**

**immunoglobulin G purification**

PERÇİN DEMİRÇELİK I., İDİL N., DENİZLİ A.

PROCESS BIOCHEMISTRY, vol.80, pp.181-189, 2019 (Journal Indexed in SCI)

- XLIV. **Real time monitoring and label free creatinine detection with artificial receptors**  
Topcu A. A. , ÖZGÜR E., Yılmaz F., BERELİ N., DENİZLİ A.  
MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS, vol.244, pp.6-11,  
2019 (Journal Indexed in SCI)
- XLV. **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 (Journal Indexed in SCI)
- XLVI. **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, vol.186, 2019 (Journal Indexed in SCI)
- XLVII. **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, vol.26, pp.9796-9804, 2019 (Journal Indexed in SCI)
- XLVIII. **Molecularly imprinted polymer based quartz crystal microbalance sensor for the clinical detection of insulin**  
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