

# Prof. ADİL DENİZLİ

## Personal Information

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## International Researcher IDs

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## Education Information

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

Postgraduate, Hacettepe University, Mühendislik Fakültesi, Turkey 1986 - Continues

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Turkey 1985 - Continues

## Foreign Languages

English, C1 Advanced

## Dissertations

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

Postgraduate, 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 University, Fen Fakültesi, Kimya Bölümü, 2011 - Continues

## Supervised 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, Postgraduate, S.FAALNOURI(Student),

2018

- DENİZLİ A., Mikroalbumin tayini için SPR temelli nanosensörlerin hazırlanması, Postgraduate, M.KOCA(Student), 2017
- DENİZLİ A., Characterization of metal ions interactions in immobilized metal ion affinity chromatography by using computational tools, Postgraduate, D.SALHA(Student), 2017
- DENİZLİ A., Kapiler elektrokromatografi yöntemiyle D,L ampisilin enantiyomerlerinin ayrımı, Postgraduate, 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, Postgraduate, 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
- DENİZLİ A., UZUN L., 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, Postgraduate, B.DEMİRCİ(Student), 2013
- SAYDAM A. C., DENİZLİ A., 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, Postgraduate, 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, Postgraduate, 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, Postgraduate, 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, Postgraduate, 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, Postgraduate, K.KÖSE(Student), 2011

DENİZLİ A., Sitokrom c saflaştırılması için süpermakrogözenekli immobilize metal afinite kromotografi adsorbentler, Postgraduate, D.ÇİMEN(Student), 2011

DENİZLİ A., Boronat afinite kromatografisi için monolitik HPLC kolonları, Postgraduate, 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, Postgraduate, 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, Postgraduate, A.DERAZSHAMSHİR(Student), 2009

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

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

DENİZLİ A., Albumin uzaklaştırılması için selüloz nanofiberler, Postgraduate, 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 hepatitis 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, Postgraduate, S.UTKU(Student), 2007

DENİZLİ A., Aluminum removal from human plasma based on molecular recognition using imprinted polymers, Postgraduate, 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, Postgraduate, E.YILMAZ(Student), 2007

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

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

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

DENİZLİ A., Preparation of bilirubin imprinted adsorbents, Postgraduate, 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, Postgraduate, 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, Postgraduate, S.MİREL(Student), 2005

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

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthetic Receptors Decorated on Nanoparticles for Selective and Sensitive Glyphosate Detection**  
GÖKTÜRK BAŞAL I., Ovezova M., Yilmaz G. E., TÜRKMEN D., YILMAZ F., DENİZLİ A.  
PHOTONIC SENSORS, no.3, 2025 (SCI-Expanded)
- II. **Nanoparticle-assisted plasmonic sensors: Recent developments in clinical applications**  
ÇİMEN D., ÜNAL S., DENİZLİ A.  
ANALYTICAL BIOCHEMISTRY, 2025 (SCI-Expanded)
- III. **Adsorption of Silver from Aqueous Solution with High Capacity and Selectively by Using Ag plus Imprinted Polymeric Nanoadsorbent**  
Karakoc V., ESEN C., DENİZLİ A.  
JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, no.1, 2025 (SCI-Expanded)
- IV. **Gold Nanoparticle-Modified Molecularly Imprinted Polymer-Coated Pencil Graphite Electrodes for Electrochemical Detection of Bisphenol A**  
YILMAZ F., Shama N. A., Asir S., Cobanogullari H., Yolac E., Kiraz A., GÖKTÜRK BAŞAL I., DENİZLİ A., TÜRKMEN D.  
ACS OMEGA, no.1, pp.740-753, 2024 (SCI-Expanded)
- V. **Specific DNA aptamer-immobilized cryogel membranes as novel bioaffinity supports and their potential for the purification of activated protein C**  
Aliyeva N., AKGÖNÜLLÜ S., ERDEM GÜRSAN K. A., DENİZLİ A.  
BIOMEDICAL CHROMATOGRAPHY, vol.38, 2024 (SCI-Expanded)
- VI. **Plasmonic sensing platform for C-reactive protein recognition via synthetic receptors decorated on graphene oxide and gold nanoparticles**  
Ovezova M., YILMAZ F., GÖKTÜRK BAŞAL I., DENİZLİ A.  
MICROCHEMICAL JOURNAL, vol.206, 2024 (SCI-Expanded)
- VII. **Controlled Release Simvastatine from Molecularly Imprinted Cryogel Membranes**  
Faalhour S., ÇİMEN D., VARGEL İ., DENİZLİ A., BERELİ N.  
CHEMISTRYSELECT, vol.9, no.36, 2024 (SCI-Expanded)
- VIII. **Nanomaterial-Based Sensors for Coumarin Detection**  
SAYLAN İNCİ Y., Aliyeva N., EROĞLU S., DENİZLİ A.  
ACS OMEGA, vol.9, no.28, pp.30015-30034, 2024 (SCI-Expanded)
- IX. **Development of Molecularly Imprinted Magnetic Amino Acid-Based Nanoparticles for Voltammetric Analysis of Lead Ions in Honey**  
Karagozlu M., Asir S., Abu Shama N., GÖKTÜRK BAŞAL I., YILMAZ F., TÜRKMEN D., DENİZLİ A., Ozgoren M.  
POLYMERS, vol.16, no.13, 2024 (SCI-Expanded)
- X. **Surface Plasmon Resonance Biosensors for Detection of Allergen-Specific Immunoglobulin E**  
Erkek M., AKGÖNÜLLÜ S., DENİZLİ A., BERELİ N.  
IEEE SENSORS JOURNAL, vol.24, no.11, pp.17410-17417, 2024 (SCI-Expanded)
- XI. **Biosensing Platforms for Cardiac Biomarker Detection**  
Gerdan Z., SAYLAN İNCİ Y., DENİZLİ A.  
ACS Omega, vol.9, no.9, pp.9946-9960, 2024 (SCI-Expanded)
- XII. **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, vol.1713, 2024 (SCI-Expanded)
- XIII. **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)
- XIV. **Biosensing Applications of Molecularly Imprinted-Polymer-Based Nanomaterials**  
SAYLAN İNCİ Y., Kılıç S., DENİZLİ A.  
Processes, vol.12, no.1, 2024 (SCI-Expanded)
- XV. **Removal of arsenic (V) from water using arsenic-imprinted nanoparticles**

- Karakoc V., ANDAÇ A. M., DENİZLİ A.  
SEPARATION SCIENCE AND TECHNOLOGY, vol.59, no.6-9, pp.967-983, 2024 (SCI-Expanded)
- XVI. **Antimicrobial assay and controlled drug release studies with novel eugenol imprinted p(HEMA)-bacterial cellulose nanocomposite, designed for biomedical applications**  
DİKEN GÜR S., AVCIOĞLU N. H., YÜCEL M., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.35, pp.2137-2152, 2024 (SCI-Expanded)
- XVII. **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)
- XVIII. **Plasmonic nanosensors for pharmaceutical and biomedical analysis**  
AKGÖNÜLLÜ S., DENİZLİ A.  
Journal of Pharmaceutical and Biomedical Analysis, vol.236, 2023 (SCI-Expanded)
- XIX. **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, no.10, pp.5671-5685, 2023 (SCI-Expanded)
- XX. **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, vol.8, no.32, pp.29202-29212, 2023 (SCI-Expanded)
- XXI. **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, vol.14, no.1, pp.4840, 2023 (SCI-Expanded)
- XXII. **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, vol.36, no.8, 2023 (SCI-Expanded)
- XXIII. **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, vol.1228, pp.123848, 2023 (SCI-Expanded)
- XXIV. **Surface Plasmon Resonance Based Sensor for Amaranth Detection With Molecularly Imprinted Nanoparticles**  
Ozgur F. O., ÇİMEN D., DENİZLİ A., BERELİ N.  
Photonic Sensors, vol.13, no.2, 2023 (SCI-Expanded)
- XXV. **Preparation of Concanavalin A Imprinted Surface Plasmon Resonance Based Biosensors**  
Erdogan Y., ÇİMEN D., ONUR M. A., DENİZLİ A.  
IEEE Sensors Journal, vol.23, no.11, pp.11566-11573, 2023 (SCI-Expanded)
- XXVI. **Development of Optical-Based Molecularly Imprinted Nanosensors for Adenosine Detection**  
Kurt Z. T., ÇİMEN D., DENİZLİ A., BERELİ N.  
ACS Omega, vol.8, no.21, pp.18839-18850, 2023 (SCI-Expanded)
- XXVII. **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, vol.14, no.4, 2023 (SCI-Expanded)
- XXVIII. **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, vol.80, no.4, pp.3883-3895, 2023 (SCI-Expanded)
- XXIX. **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, vol.1219, 2023 (SCI-Expanded)

- XXX. **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, vol.15, no.5, 2023 (SCI-Expanded)
- XXXI. **Molecular imprinting-based sensors: Lab-on-chip integration and biomedical applications**  
AKGÖNÜLLÜ S., DENİZLİ A.  
Journal of Pharmaceutical and Biomedical Analysis, vol.225, 2023 (SCI-Expanded)
- XXXII. **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, vol.47, no.1, pp.88-100, 2023 (SCI-Expanded)
- XXXIII. **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, vol.253, 2023 (SCI-Expanded)
- XXXIV. **Advanced Plasmonic Nanosensors for Monitoring of Environmental Pollutants**  
ÇİMEN D., BERELİ N., DENİZLİ A.  
Current Analytical Chemistry, vol.19, no.1, pp.2-17, 2023 (SCI-Expanded)
- XXXV. **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, vol.47, no.5, pp.1125-1137, 2023 (SCI-Expanded)
- XXXVI. **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, vol.34, pp.449-462, 2023 (SCI-Expanded)
- XXXVII. **Ion-imprinted-based nanochelators for iron(III) removal from synthetic gastric fluid**  
Sangu H. D., AKGÖNÜLLÜ S., DENİZLİ A.  
POLYMER BULLETIN, vol.79, no.10, pp.8947-8965, 2022 (SCI-Expanded)
- XXXVIII. **Inspirations of Biomimetic Affinity Ligands: A Review**  
TOPÇU A. A., Kilic S., ÖZGÜR E., TÜRKMEN D., DENİZLİ A.  
ACS OMEGA, vol.7, pp.32897-32907, 2022 (SCI-Expanded)
- XXXIX. **Quartz Crystal Microbalance-Based Aptasensors for Medical Diagnosis**  
AKGÖNÜLLÜ S., ÖZGÜR E., DENİZLİ A.  
MICROMACHINES, vol.13, no.9, 2022 (SCI-Expanded)
- XL. **Molecular imprinted nanoparticle assisted surface plasmon resonance biosensors for detection of thrombin**  
ÇİMEN D., BERELİ N., Gunaydin S., DENİZLİ A.  
TALANTA, vol.246, 2022 (SCI-Expanded)
- XLI. **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, vol.22, no.15, pp.14862-14869, 2022 (SCI-Expanded)
- XLII. **Recent Advances of Optical Sensors for Copper Ion Detection**  
Gerdan Z., Saylan Y., Denizli A.  
MICROMACHINES, vol.13, no.8, 2022 (SCI-Expanded)
- XLIII. **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,  
vol.1203, 2022 (SCI-Expanded)

- XLIV. **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,  
vol.1203, 2022 (SCI-Expanded)
- XLV. **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, vol.12, no.7, 2022 (SCI-Expanded)
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