

## Assoc. Prof. MONIREH YÜCEL

### Personal Information

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### International Researcher IDs

ScholarID: MONIREH

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### Education Information

Post Doctorate, Boston University, Electric and electronic, photocenter, United States Of America 2021 - 2022

Post Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya A.B.D., Turkey 2017 - 2021

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya A.B.D., Turkey 2011 - 2016

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya A.B.D., Turkey 2009 - 2011

### Foreign Languages

English, C1 Advanced

### Research Areas

Amino Acids, Enzyme Kinetics, Protein Chemistry

### Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Kimya, 2024 - Continues

Assistant Professor, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Kimya, 2022 - 2024

### Courses

Biyosentez, Postgraduate, 2023 - 2024

KIM 1085 KİMYA (Ziraat Fak. Tarım Ekonomisi), Associate Degree, 2023 - 2024

KIM 1078 GENEL KİMYA (MAK. MÜH.) (B GR) ( I. ÖĞRETİM), Undergraduate, 2022 - 2023

KIM 1077 Genel Kimya (Çevre Müh.) (A. Gr.), Undergraduate, 2023 - 2024

KIM 1077 Genel Kimya Çevre Müh.) (B. Gr.), Undergraduate, 2023 - 2024

KIM 1005 GENEL KİMYA LABORATUVARI I (B-Gr), Undergraduate, 2022 - 2023

KIM 4003 BİTİRME ÇALIŞMASI I, Undergraduate, 2023 - 2024

Molekuler baskılanmış polimerler ve nanobiyoteknolojik uygulama alanları, Postgraduate, 2023 - 2024

KIM 1066 GENEL KİMYA LAB. II (MOLEKÜLER BİYOLJİ VE GENETİK BL.) (B-GR.), Undergraduate, 2022 - 2023

MBG2010 BİYOMOLEKÜLLERİN KİMYASI (Mol. Biy.), Undergraduate, 2022 - 2023

KIM 1036 GENEL KİMYA II (MOLEKÜLER BİYOLİJİ VE GENETİK BL.) (B-GR.), Undergraduate, 2022 - 2023  
KIM 1066 GENEL KİMYA LAB. II (MOLEKÜLER BİYOLİJİ VE GENETİK BL.) (C-GR.), Undergraduate, 2022 - 2023  
KIM 1085 KİMYA (Ziraat Fak. Tarım Ekonomisi), Associate Degree, 2022 - 2023  
KIM 1065 GENEL KİMYA LAB. I (B-Gr.) (Mol. Biy. ve Gen.), Undergraduate, 2022 - 2023  
GENEL KİMYA LAB. I (A-Gr.) (KİMYA), Undergraduate, 2022 - 2023  
KIM 1077 Genel Kimya (Çevre Müh.) (A. Gr.), Undergraduate, 2022 - 2023

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

- I. **Characterization of Receptor Binding Affinity for Vascular Endothelial Growth Factor with Interferometric Imaging Sensor**  
Lortlar Ünlü N., YÜCEL M., Chiodi E., Diken-Gür S., Emre S., Ünlü M. S.  
Biosensors, vol.14, no.7, 2024 (SCI-Expanded)
- II. **Designing of drug imprinted polymeric microcryogels for controlled release of Darunavir**  
Safak I., ÇALIŞIR M., YÜCEL M., SAĞLAM N., DENİZLİ A.  
CHEMICAL PAPERS, vol.78, no.6, pp.4007-4018, 2024 (SCI-Expanded)
- III. **Antimicrobial assay and controlled drug release studies with novel eugenol imprinted p(HEMA)-bacterial cellulose nanocomposite, designed for biomedical applications**  
Diken-Gür S., AVCIOĞLU N. H., YÜCEL M., DENİZLİ A.  
Journal of Biomaterials Science, Polymer Edition, vol.35, no.14, pp.2137-2152, 2024 (SCI-Expanded)
- IV. **Solid-Phase Optical Sensing Techniques for Sensitive Virus Detection**  
Seymour E., Ekiz Kanik F., DİKEN GÜR S., Bakhshpour-Yucel M., ARAZ A., Lortlar Ünlü N., Ünlü M. S.  
SENSORS, vol.23, no.11, 2023 (SCI-Expanded)
- V. **SPR-based sensing of Lysozyme using Lyz-MIP-modified graphene oxide surfaces**  
Bakhshpour-Yucel M.  
CHEMICAL PAPERS, vol.77, no.5, pp.2671-2678, 2023 (SCI-Expanded)
- VI. **Preparation of molecular imprinted injectable polymeric micro cryogels for control release of mitomycin C**  
Zabihi S., Bakhshpour M., ÇALIŞIR M., Topcu A. A., DENİZLİ A.  
POLYMER BULLETIN, vol.80, no.4, pp.3883-3895, 2023 (SCI-Expanded)
- VII. **Highly-Sensitive, Label-Free Detection of Microorganisms and Viruses via Interferometric Reflectance Imaging Sensor**  
Bakhshpour-Yucel M., Gür S. D., Seymour E., Aslan M., Lortlar Ünlü N., Ünlü M. S.  
MICROMACHINES, vol.14, no.2, 2023 (SCI-Expanded)
- VIII. **Molecularly Designed Ion-Imprinted Nanoparticles for Real-Time Sensing of Cu(II) Ions Using Quartz Crystal Microbalance**  
Aydoğan N., Aylaz G., Bakhshpour M., Tugsuz T., ANDAÇ A. M.  
Biomimetics, vol.7, no.4, 2022 (SCI-Expanded)
- IX. **SPR Signal Enhancement With Silver Nanoparticle-Assisted Plasmonic Sensor for Selective Adenosine Detection**  
Gokturk I., Bakhshpour M., ÇİMEN D., Yilmaz F., BERELİ N., DENİZLİ A.  
IEEE SENSORS JOURNAL, vol.22, no.15, pp.14862-14869, 2022 (SCI-Expanded)
- X. **Sensitive and real-time detection of IgG using interferometric reflecting imaging sensor system**  
Bakhshpour M., Chiodi E., Celebi I., Saylan Y., Unlu N. L., Unlu M. S., Denizli A.  
BIOSENSORS & BIOELECTRONICS, vol.201, 2022 (SCI-Expanded)
- XI. **Nanoscale SPR sensor for the ultrasensitive detection of the ovarian cancer marker carbohydrate antigen 125**  
DİKEN GÜR S., Bakhshpour M., DENİZLİ A.  
NEW JOURNAL OF CHEMISTRY, vol.46, no.15, pp.7263-7270, 2022 (SCI-Expanded)
- XII. **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, vol.22, no.4, pp.3001-3008, 2022 (SCI-Expanded)

- XIII. **The Effects of Three-Dimensional Ligand Immobilization on Kinetic Measurements in Biosensors**  
Chiodi E., Marn A. M., Bakhshpour M., Ünlü N. L., Ünlü M. S.  
Polymers, vol.14, no.2, 2022 (SCI-Expanded)
- XIV. **Selective Detection of Penicillin G Antibiotic in Milk by Molecularly Imprinted Polymer-Based Plasmonic SPR Sensor**  
Bakhshpour M., Goektuerk I., BERELİ N., Yilmaz F., DENİZLİ A.  
BIOMIMETICS, vol.6, no.4, 2021 (SCI-Expanded)
- XV. **Sensitive and selective detection of amitrole based on molecularly imprinted nanosensor**  
cakir O., Bakhshpour M., Gokturk I., Yilmaz F., Baysal Z.  
JOURNAL OF MOLECULAR RECOGNITION, vol.34, no.11, 2021 (SCI-Expanded)
- XVI. **Microfluidic Systems for Cancer Diagnosis and Applications**  
AKGÖNÜLLÜ S., Bakhshpour M., ÖZDEN A. K., DENİZLİ A.  
MICROMACHINES, vol.12, no.11, 2021 (SCI-Expanded)
- XVII. **Development of Molecularly Imprinted Polymer-Based Optical Sensor for the Sensitive Penicillin G Detection in Milk**  
Safran V., Gokturk I., Bakhshpour M., Yilmaz F., DENİZLİ A.  
CHEMISTRYSELECT, vol.6, no.43, pp.11865-11875, 2021 (SCI-Expanded)
- XVIII. **Selective dopamine detection by SPR sensor signal amplification using gold nanoparticles**  
TÜRKMEN D., Bakhshpour M., Gokturk I., Asir S., Yilmaz F., DENİZLİ A.  
NEW JOURNAL OF CHEMISTRY, vol.45, no.39, pp.18296-18306, 2021 (SCI-Expanded)
- XIX. **Surface Plasmon Resonance-Based Immunosensor for Igm Detection with Gold Nanoparticles**  
BERELİ N., Bakhshpour M., Topcu A. A., DENİZLİ A.  
MICROMACHINES, vol.12, no.9, 2021 (SCI-Expanded)
- XX. **Antibacterial effect against both Gram-positive and Gram-negative bacteria via lysozyme imprinted cryogel membranes**  
DİKEN GÜR S., Bakhshpour M., BERELİ N., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.32, no.8, pp.1024-1039, 2021 (SCI-Expanded)
- XXI. **Quartz Crystal Microbalance (QCM) Based Biosensor Functionalized by HER2/neu Antibody for Breast Cancer Cell Detection**  
YILMAZ M., Bakhshpour M., Gokturk I., ÖZDEN A. K., DENİZLİ A.  
CHEMOSENSORS, vol.9, no.4, 2021 (SCI-Expanded)
- XXII. **Whole cell recognition of staphylococcus aureus using biomimetic SPR sensors**  
İDİL N., Bakhshpour M., Perçin I., Mattiasson B.  
Biosensors, vol.11, no.5, 2021 (SCI-Expanded)
- XXIII. **Highly sensitive detection of Cd(II) ions using ion-imprinted surface plasmon resonance sensors**  
Bakhshpour M., DENİZLİ A.  
MICROCHEMICAL JOURNAL, vol.159, 2020 (SCI-Expanded)
- XXIV. **Molecularly imprinted cryogel cartridges for the selective recognition of tyrosine**  
Bakhshpour M., Gokturk I., BERELİ N., DENİZLİ A.  
BIOTECHNOLOGY PROGRESS, vol.36, no.5, 2020 (SCI-Expanded)
- XXV. **Composite Polymeric Cryogel Cartridges for Selective Removal of Cadmium Ions from Aqueous Solutions**  
Huseynli S., Bakhshpour M., Qureshi T., ANDAÇ A. M., DENİZLİ A.  
POLYMERS, vol.12, no.5, 2020 (SCI-Expanded)
- XXVI. **Poly(Hydroxyethyl Methacrylate) Immunoaffinity Cryogel Column for the Purification of Human Immunoglobulin M**  
Bakhshpour M., Topcu A. A., BERELİ N., Alkan H., DENİZLİ A.  
GELS, vol.6, no.1, 2020 (SCI-Expanded)

- XXVII. **HbA1c detection via high-sensitive boronate based surface plasmon resonance sensor**  
ÇALIŞIR M., Bakhshpour M., Yavuz H., DENİZLİ A.  
SENSORS AND ACTUATORS B-CHEMICAL, vol.306, 2020 (SCI-Expanded)
- XXVIII. **Surface-imprinted silica particles for Concanavalin A purification from *Canavalia ensiformis***  
Razym G., Bakhshpour M., Yavuz H., KİP F. Ç., Tuncel A., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES,  
vol.1136, 2020 (SCI-Expanded)
- XXIX. **Ag<sup>+</sup> ions imprinted cryogels for selective removal of silver ions from aqueous solutions**  
Şarkaya K., Bakhshpour M., DENİZLİ A.  
Separation Science and Technology (Philadelphia), vol.54, no.18, pp.2993-3004, 2019 (SCI-Expanded)
- XXX. **Quartz crystal microbalance biosensor for label-free MDA MB 231 cancer cell detection via notch-4 receptor**  
Bakhshpour M., ÖZDEN A. K., Yavuz H., DENİZLİ A.  
TALANTA, vol.204, pp.840-845, 2019 (SCI-Expanded)
- XXXI. **Selective detection of *Escherichia coli* caused UTIs with surface imprinted plasmonic nanoscale sensor**  
DİKEN GÜR S., Bakhshpour M., DENİZLİ A.  
MATERIALS SCIENCE AND ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.104, 2019 (SCI-Expanded)
- XXXII. **Novel QCM and SPR sensors based on molecular imprinting for highly sensitive and selective detection of 2,4-dichlorophenoxyacetic acid in apple samples**  
Cakir O., Bakhshpour M., Yilmaz F., Baysal Z.  
MATERIALS SCIENCE AND ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.102, pp.483-491, 2019 (SCI-Expanded)
- XXXIII. **Molecularly imprinted composite bacterial cellulose nanofibers for antibiotic release**  
Tamahkar E., Bakhshpour M., DENİZLİ A.  
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.30, no.6, pp.450-461, 2019 (SCI-Expanded)
- XXXIV. **Biomedical Applications of Polymeric Cryogels**  
Bakhshpour M., İDİL N., PERÇİN DEMİRÇELİK I., DENİZLİ A.  
APPLIED SCIENCES-BASEL, vol.9, no.3, 2019 (SCI-Expanded)
- XXXV. **Controlled release of mitomycin C from PHEMAH-Cu(II) cryogel membranes**  
Bakhshpour M., Yavuz H., DENİZLİ A.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.46, 2018 (SCI-Expanded)
- XXXVI. **Surface imprinted bacterial cellulose nanofibers for hemoglobin purification**  
Bakhshpour M., Tamahkar E., ANDAÇ A. M., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.158, pp.453-459, 2017 (SCI-Expanded)
- XXXVII. **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, vol.17, no.6, 2017 (SCI-Expanded)
- XXXVIII. **Ion imprinted cryogels for selective removal of Ni(II) ions from aqueous solutions**  
Tamahkar E., Bakhshpour M., ANDAÇ A. M., DENİZLİ A.  
SEPARATION AND PURIFICATION TECHNOLOGY, vol.179, pp.36-44, 2017 (SCI-Expanded)
- XXXIX. **Affinity binding of proteins to the modified bacterial cellulose nanofibers**  
Bakhshpour M., Tamahkar E., ANDAÇ A. M., DENİZLİ A.  
JOURNAL OF CHROMATOGRAPHY B-ANALYTICAL TECHNOLOGIES IN THE BIOMEDICAL AND LIFE SCIENCES,  
vol.1052, pp.121-127, 2017 (SCI-Expanded)
- XL. **Microcontact imprinted quartz crystal microbalance nanosensor for protein C recognition**  
Bakhshpour M., ÖZGÜR E., BERELİ N., DENİZLİ A.  
COLLOIDS AND SURFACES B-BIOINTERFACES, vol.151, pp.264-270, 2017 (SCI-Expanded)
- XLI. **[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 AND ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.61, pp.824-831, 2016 (SCI-Expanded)

### **XLII. Preparation and characterization of thiophilic cryogels with 2-mercapto ethanol as the ligand for IgG purification**

Bakhshpour M., BERELİ N., Senel S.

COLLOIDS AND SURFACES B-BIOINTERFACES, vol.113, pp.261-268, 2014 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Microscopic examination and comparison of exine layer of bee pollen and bee bread (Perga)**  
ÖZKÖK A., YÜCEL M., Mayda N., DENİZLİ A., SORKUN K.  
Istanbul Journal of Pharmacy, vol.52, 2022 (ESCI)
- II. **Heavy Metal Ions Removal From Wastewater Using Cryogels: A Review**  
TÜRKMEN D., YÜCEL M., AKGÖNÜLLÜ S., AŞIR S., DENİZLİ A.  
Frontiers in Sustainability, vol.3, 2022 (Scopus)
- III. **Preparation of bacterial cellulose/vinyl imidazole-based membranes for selective purification of Hemoglobin**  
YÜCEL M., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, vol.49, pp.423-431, 2021 (Peer-Reviewed Journal)
- IV. **Versatile polymeric cryogels and their biomedical applications**  
AKGÖNÜLLÜ S., YÜCEL M., İDİL N., ANDAÇ A. M., YAVUZ ALAGÖZ H., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, vol.48, pp.99-118, 2020 (Peer-Reviewed Journal)
- V. **Detection of Pesticide via Nanoparticle Based Quartz Crystal Microbalance Sensor**  
YÜCEL M., GÖKTÜRK BAŞAL I., ÇAKIR O., YILMAZ F., BAYSAL Z., DENİZLİ A.  
Hacettepe Journal of Biology and Chemistry, 2020 (Peer-Reviewed Journal)
- VI. **Molecularly imprinted biomimetic surface plasmon resonance sensor for hormone detection**  
Turkoglu E. A., Bakhshpour M., DENİZLİ A.  
BIOINTERFACE RESEARCH IN APPLIED CHEMISTRY, vol.9, no.4, pp.4090-4095, 2019 (ESCI)
- VII. **Preparation of Nanoparticle-Amplified Surface Plasmon Resonance Sensors Based on Molecular Imprinting for Pesticide Determination**  
ÇAKIR O., YÜCEL M., YILMAZ F., BAYSAL Z.  
İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.8, pp.219-226, 2018 (Peer-Reviewed Journal)

## **Books & Book Chapters**

- I. **Cancer Cell Recognition via Sensors System**  
Yücel M., Özsevgiç M., Pişkin A. K., Denizli A.  
in: Plasmonic Sensors and their Applications, adil denizli, Editor, wiley, New York, pp.157-170, 2023
- II. **Plasmonic Nanoparticles for Naked-Eye Detection of Environmental Pollutants**  
Akgönüllü S., Yücel M., Bereli N., Denizli A.  
in: Nanobiosensors for Environmental Monitoring, Ravindra Pratap Singh, Kingsley Eghonghon Ukhurebo, Jay Singh, Charles Oluwaseun Adetunji, Kshitij RB Singh Editors, Editor, Springer Nature, Zürich, pp.279-295, 2022
- III. **A Plasmonic Sensing Platform Based on Molecularly Imprinted Polymers for Medical Applications**  
İDİL N., YÜCEL M., ASLIYÜCE ÇOBAN S., DENİZLİ A., Mattiasson B.  
in: Plasmonic Sensors and their Applications, Adil Denizli, Editor, wiley, pp.87-102, 2021
- IV. **Wastewater Treatment**  
Qureshi T., YÜCEL M., ÇETİN K., TOPÇU A. A., DENİZLİ A.

in: Photocatalysts in Advanced Oxidation Processes for Wastewater Treatment, Elvis Fosso-Kankeu, Sadanand Pandey, Suprakas Sinha Ray, Editor, Wiley, pp.33-64, 2020

- V. **Commercial sensors for pathogen detection**  
AKGÖNÜLLÜ S., ÇİMEN D., YÜCEL M., BERELİ N., YAVUZ ALAGÖZ H., DENİZLİ A.  
in: COMMERCIAL BIOSENSORS AND THEIR APPLICATIONS, Mustafa Kemal Sezgitürk, Editor, Elsevier, pp.89-106, 2020
- VI. **Molecularly Imprinted Nanosensors for Microbial Contaminants**  
İDİL N., YÜCEL M., PERÇİN DEMİRÇELİK I., DENİZLİ A.  
in: Nanosensor Technologies for Environmental Monitoring, Inamuddin, Abdullah M. Asiri, Editor, Springer, pp.353-388, 2020
- VII. **cryogels in extracorporeal affinity therapy**  
YÜCEL M., GÖKTÜRK BAŞAL I., BERELİ N., TÜRKMEN D., YAVUZ ALAGÖZ H., DENİZLİ A.  
in: cryogels and monoliths, Bo Mattiasson, Adil Denizli, Editor, Hacettepe University, Ankara, pp.117-149, 2018
- VIII. **QUARTZ CRYSTAL MICROBALANCE based biosensors in pharmaceutical applications**  
BATTAL D., YÜCEL M., OSMAN B.  
in: Affinity sensors, Adil Denizli, Editor, Hacettepe University, pp.79-104, 2018

## Refereed Congress / Symposium Publications in Proceedings

- I. **L-Asparaginaz Enziminin İmmobilizasyonu ve Uygulamaları**  
Yücel M.  
Kromatografi kongresi, Aydın, Turkey, 14 - 16 June 2023, pp.1
- II. **Surface molecularly imprinted bacterial cellulose to controlled anti-cancer drug release**  
YÜCEL M.  
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 November 2022
- III. **SPR-based sensing of Lysozyme using Lysozyme imprinted-modified graphene oxide surfaces**  
YÜCEL M.  
4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 24 - 26 November 2021
- IV. **DEVELOPMENT OF MOLECULARLY IMPRINTED POLYMER BASED OPTICAL SENSOR FOR THE SENSITIVE PENICILLIN G DETECTION IN MILK**  
SAFRAN V., GÖKTÜRK BAŞAL I., YÜCEL M., YILMAZ F., DENİZLİ A.  
V. International Ege Composite Materials Symposium, Turkey, 4 - 06 November 2021
- V. **Concanavalin A Safaştırılması için Yüzey Baskılanmış Silika Partiküller**  
Razym G., YÜCEL M., YAVUZ ALAGÖZ H., KİP F. Ç., TUNCEL S. A., DENİZLİ A.  
Kromatografi kongresi, Ankara, Turkey, 12 June 2019
- VI. **Molecularly imprinted cryogel cartridge for recognition of Tyrosine amino acid**  
YÜCEL M., GÖKTÜRK BAŞAL I., BERELİ N., DENİZLİ A.  
18. International chromatography congress, İstanbul, Turkey, 15 - 18 November 2018
- VII. **İmmüno globulin M Tayini İçin Yüzey Plazmon Rezonans Sensörlerin Geliştirilmesi**  
YÜCEL M., BERELİ N., DENİZLİ A.  
12. ulusal afinite teknikleri kongresi, Turkey, 05 September 2018
- VIII. **Kanser Hücreleri için etkin biyosensor sistemlerinin geliştirilmesi**  
YÜCEL M., YAVUZ ALAGÖZ H., Pişkin A. k., DENİZLİ A.  
11. Ulusal afinite teknikleri kongresi, Aydın, Turkey, 15 - 18 June 2017
- IX. **Anti-Kanser İlaçların Kontrollü Salımı için Moleküler Baskılanmış Kriyojeller**  
YÜCEL M., YAVUZ ALAGÖZ H., DENİZLİ A.  
10. Ulusal afinite teknikleri kongresi, Balıkesir, Turkey, 26 May 2016
- X. **Preparation of L-Tyrosine Imprinted Cryogel Cartridges**

YÜCEL M., YAVUZ ALAGÖZ H., DENİZLİ A.

9th National Affinity Techniques symposium with international contributions, Muğla, Turkey, 06 September 2015

- XI. **Poli(etilen imin)-Cu(II) Takılı Poli(2-hidroksietil metakrilat) monolitik kolonlarla IgG saflaştırılması**  
YÜCEL M., BERELİ N., DENİZLİ A.  
7. Ulusal afinite kongresi, İzmir, Turkey, 13 September 2013
- XII. **Ni(II) baskılanmış kriyojeller ile sulu çözeltilerden Ni+2 adsorpsiyonu**  
YÜCEL M., TAMAHKAR IRMAK E., ANDAÇ A. M., DENİZLİ A.  
kromatografi 2013, Bursa, Turkey, 19 June 2013
- XIII. **Tiyofilik afinite kromatografisi ile antibadi saflaştırılması**  
YÜCEL M., BERELİ N., uzun l., Senel s., DENİZLİ A.  
25.uluslararası katılımcı ulusal kimya kongresi, Erzurum, Turkey, 27 June 2011

## Supported Projects

YÜCEL M., NOMA S. A. A., KAYA K., Project Supported by Higher Education Institutions, CuII iyonu içeren polimerik nanopartiküllere Lasparaginaz enziminin immobilizasyonu, 2023 - Continues

## Patent

Yücel M., Denizli A., Aşır S., Şanlıdağ T., HELİCOBACTER PYLORİ (H. pylori) TAYİNİ İÇİN MOLEKÜLER BASKILANMIŞ BİYOSENSÖR YÜZEYİN HAZIRLANMASI, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2020/15603 , Standard Registration, 2023

## Activities in Scientific Journals

Optics and Laser Technology, Editor, 2023 - Continues  
EUROPEAN POLYMER JOURNAL, Editor, 2023 - Continues

## Scientific Refereeing

Hacettepe Journal of Biology and Chemistry, National Scientific Refreed Journal, August 2024  
Hacettepe Journal of Biology and Chemistry, National Scientific Refreed Journal, August 2024  
CHEMISTRY AND BIODIVERSITY, SCI Journal, August 2024  
Sensors and Actuators: B. Chemical, SCI Journal, December 2022