

# Prof. ÖMÜR ÇELİKBIÇAK

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: G-9293-2013

ScopusID: 8646358800

Yoksis Researcher ID: 19829

## Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya Abd, Turkey 2005 - 2011

Doctorate, University of Akron, Faculty Of Science, Chemistry, United States Of America 2008 - 2009

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya Abd, Turkey 2002 - 2005

Undergraduate, Hacettepe University, Fen Fakültesi, Kimya Bölümü, Turkey 1997 - 2002

## Dissertations

Doctorate, Development of versatile and reusable target surfaces for matrix-assisted laser desorption/ionization-mass spectrometry, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Dr), 2011

Postgraduate, Investigation of Complexes of Casein Kinase II (CKII) Enzyme with Polyamines, Oncoproteins and Oligonucleotides by Capillary Electrophoresis and MALDI-MS, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2005

## Research Areas

Chemistry, Analytical Chemistry, Chromatographic Analysis, Mass Spectroscopy, Sample preparation, Spectroscopical Methods, Biochemistry, Biophysical Chemistry, Bioinorganic Chemistry, Protein Chemistry, Physical Chemistry, Characterization of Polymers, Polymeric Adsorbents, Polymeric Complexes, Polymeric Materials, Medical Applications of Polymers, Spectroscopy, Natural Sciences

## Academic Titles / Tasks

Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2022 - Continues

Associate Professor, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2013 - 2022

Expert PhD, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2011 - 2013

Research Assistant, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2002 - 2011

## Academic and Administrative Experience

Director of the Center, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2021 - Continues  
Fakülte Kurulu Üyesi, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2015 - 2020  
Fakülte Yönetim Kurulu Üyesi, Hacettepe University, Fen Fakültesi, Kimya Bölümü, 2014 - 2020

## Courses

BİTİRME ÖDEVİ, Undergraduate, 2022 - 2023  
FİZİKOKİMYA LABORATUVARI, Undergraduate, 2022 - 2023  
İLERİ KÜTLE SPEKTROMETRİSİ VE UYGULAMALARI , Doctorate, 2021 - 2022  
FİZİKOKİMYA 2, Undergraduate, 2018 - 2019  
FİZİKOKİMYA 1, Undergraduate, 2018 - 2019  
GENEL KİMYA 1, Undergraduate, 2016 - 2017  
MAKROMOLEKÜLLERİN KÜTLE SPEKTROMETRİSİ , Postgraduate, 2016 - 2017  
MİKROSKOPİK VE SPEKTROSKOPİK TEKNİKLER, Doctorate, 2016 - 2017  
KİMYA LABORATUVARI 2, Undergraduate, 2015 - 2016  
KİMYA LABORATUVARI 1 , Undergraduate, 2015 - 2016  
GENEL KİMYA LABORATUVARI, Undergraduate, 2014 - 2015  
GENEL KİMYA 2, Undergraduate, 2014 - 2015  
BİTİRME ÖDEVİ, Undergraduate, 2014 - 2015  
KİMYA LABORATUVARI 1, Undergraduate, 2014 - 2015  
MODERN KİMYASAL ANALİZ VE LABORATUVAR TASARIMI, Undergraduate, 2014 - 2015  
GENEL KİMYA 1, Undergraduate, 2014 - 2015  
GENEL KİMYA 1, Undergraduate, 2013 - 2014

## Advising Theses

Çelikbıçak Ö., BİYOSİDAL ETKİLİ FONKSİYONEL NANOKARBON YAPILARIN SENTEZİ VE KARAKTERİZASYONU, Doctorate, S.Özel(Student), Continues  
Çelikbıçak Ö., Gıda Analizlerinde GC-MS Temelli Metabolomik Metot ve Uygulamaların Geliştirilmesi, Postgraduate, S.Pektaş(Student), Continues  
Çelikbıçak Ö., Sentetik Peptit Temelli Yeni Nesil Biyosidal Malzemelerin Geliştirilmesi, Doctorate, N.Zencirci(Student), Continues  
Çelikbıçak Ö., Salih B., Proteomiks çalışmalarında fosfopeptitlerin spesifik olarak zenginleştirilmesi ve kütle spektrometrisi ile tayini için polikatyonik malzemelerin geliştirilmesi, Postgraduate, H.EYVAZOĞLU(Student), 2018  
Çelikbıçak Ö., Kütle spektrometrisi uygulamalarında fosfopeptitlerin hassas tayini için yeni stratejilerin geliştirilmesi, Postgraduate, E.YILMAZ(Student), 2018  
DUMAN M., ÇELİKBIÇAK Ö., LDI-MS analizleri için etkin ve seçici yeni hedef yüzeylerin geliştirilmesi, Postgraduate, G.AYLAZ(Student), 2016  
ÇELİKBIÇAK Ö., Changes in the vascular tissue protein profile of the diabetic rats and the protective role of the beta blockers, Postgraduate, B.DAWLATY(Student), 2014

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

- Evaluation of antioxidant, antimicrobial, and bioactive properties and peptide sequence composition of Malatya apricot kernels**  
AYDIN Ç. M., ÇELİKBIÇAK Ö., HAYALOĞLU A. A.

JOURNAL OF THE SCIENCE OF FOOD AND AGRICULTURE, 2024 (SCI-Expanded)

- II. **Plasma Proteomic Analysis Reveals the Potential Role of Lectin and Alternative Complement Pathways in IgA Vasculitis Pathogenesis**  
Demir S., YET İ., ŞARDAN EKİZ M., Sag E., BİLGİNER Y., ÇELİKBIÇAK Ö., LAY İ., ÖZEN S.  
Diagnostics, vol.13, no.10, 2023 (SCI-Expanded)
- III. **ACE-inhibitory activities of peptide fractions (<3 kDa) and identification of peptide sequence by MALDI-ToF-MS in model cheeses incorporating different Lactobacillus species**  
Sahingil D., Gokce Y., Celikbicak O., Hayaloglu A. A.  
JOURNAL OF FOOD COMPOSITION AND ANALYSIS, vol.110, 2022 (SCI-Expanded)
- IV. **Immobilization of Candida rugosa lipase on magnetic chitosan beads and application in flavor esters synthesis**  
BAYRAMOĞLU G., ÇELİKBIÇAK Ö., Kilic M., Arica M. Y.  
FOOD CHEMISTRY, vol.366, 2022 (SCI-Expanded)
- V. **Highly Porous, Molecularly Imprinted Core-Shell Type Boronate Affinity Sorbent with a Large Surface Area for Enrichment and Detection of Sialic Acid Isomers**  
Kip C., Demir M. C., Yıldırım D., Hamaloğlu K. Ö., Çelikbiçak Ö., Tuncel A.  
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.31, no.7, pp.2806-2817, 2021 (SCI-Expanded)
- VI. **Aggrandizement of uranium (VI) removal performance of Lentinus concinnus biomass by attachment of 2,5-diaminobenzenesulfonic acid ligand**  
ÇELİKBIÇAK Ö., BAYRAMOĞLU G., Acikgoz-Erkaya I., ARICA M.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.328, no.3, pp.1085-1098, 2021 (SCI-Expanded)
- VII. **Following hybridization on sensor/array platforms by using SPR, ellipsometer and MALDI-MS**  
ÇELİKBIÇAK Ö., HAMALOĞLU K. Ö., SALİH B., Piskin E.  
NUCLEOSIDES NUCLEOTIDES & NUCLEIC ACIDS, vol.39, no.7, pp.1057-1072, 2020 (SCI-Expanded)
- VIII. **Performances of protein array platforms prepared by soft lithography and self-assembling monolayers-approach by using SPR, ellipsometry and MALDI-MS**  
HAMALOĞLU K. Ö., ÇELİKBIÇAK Ö., SALİH B., Piskin E.  
JOURNAL OF MOLECULAR STRUCTURE, vol.1198, 2019 (SCI-Expanded)
- IX. **Comparative Electrochemistry and Electrochromic Application of Novel Binuclear Double-Decker Rare Earth Metal Phthalocyanines Bearing 4-(hydroxyethyl)phenoxy Moieties**  
Guzel E., ORMAN E. B., Koksoy B., ÇELİKBIÇAK Ö., Bulut M., ÖZKAYA A. R.  
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.166, no.10, 2019 (SCI-Expanded)
- X. **Ti (IV) attached-phosphonic acid functionalized capillary monolith as a stationary phase for in-syringe-type fast and robust enrichment of phosphopeptides**  
Salimi K., Kip C., ÇELİKBIÇAK Ö., Usta D. D., PINAR A., SALİH B., Tuncel A.  
BIOMEDICAL CHROMATOGRAPHY, vol.33, no.6, 2019 (SCI-Expanded)
- XI. **Use of Sulfonates as Desorption Agents for Phosphopeptide Elution from an Anion-exchange Material**  
ATAKAY M., ÇELİKBIÇAK Ö., SALİH B.  
ANALYTICAL LETTERS, vol.51, no.5, pp.760-772, 2018 (SCI-Expanded)
- XII. **CHEMICAL CHARACTERIZATION OF KARS HONEY**  
ÖZENİRLER Ç., Ecem-Bayram N., Gencay-Celemlı O., ÇELİKBIÇAK Ö., Sorkun K.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.27, no.3, pp.1889-1895, 2018 (SCI-Expanded)
- XIII. **Immobilization of laccase on the fibrous polymer-grafted film and study of textile dye degradation by MALDI-ToF-MS**  
Arica M. Y., SALİH B., ÇELİKBIÇAK Ö., Bayramoglu G.  
CHEMICAL ENGINEERING RESEARCH & DESIGN, vol.128, pp.107-119, 2017 (SCI-Expanded)
- XIV. **Highly selective enrichment of phosphopeptides by titanium (IV) attached monodisperse-porous poly(vinylphosphonic acid-co-ethylene dimethacrylate) microspheres**  
SALIMI K., Usta D. D., ÇELİKBIÇAK Ö., PINAR A., SALİH B., Tuncel A.

JOURNAL OF CHROMATOGRAPHY A, vol.1496, pp.9-19, 2017 (SCI-Expanded)

- XV. **Ti(IV) carrying polydopamine-coated, monodisperse-porous SiO<sub>2</sub> microspheres with stable magnetic properties for highly selective enrichment of phosphopeptides**  
Salimi K., Usta D. D., ÇELİKBIÇAK Ö., PINAR A., SALİH B., Tuncel A.  
Colloids and Surfaces B: Biointerfaces, vol.153, pp.280-290, 2017 (SCI-Expanded)
- XVI. **Monitoring protein glycation by electrospray ionization (ESI) quadrupole time-of-flight (Q-TOF) mass spectrometer**  
AKILLIOĞLU H. G., ÇELİKBIÇAK Ö., SALİH B., GÖKMEN V.  
FOOD CHEMISTRY, vol.217, pp.65-73, 2017 (SCI-Expanded)
- XVII. **Removal of bisphenol A from aqueous medium using molecularly surface imprinted microbeads**  
Bayramoglu G., Arica M. Y., Liman G., ÇELİKBIÇAK Ö., SALİH B.  
CHEMOSPHERE, vol.150, pp.275-284, 2016 (SCI-Expanded)
- XVIII. **Comparison of Two Methods for Purification of Enterocin B, a Bacteriocin Produced by Enterococcus faecium W3**  
Dundar H., ATAKAY M., CELIKBICAK O., SALİH B., Bozoglu F.  
PREPARATIVE BIOCHEMISTRY & BIOTECHNOLOGY, vol.45, no.8, pp.796-809, 2015 (SCI-Expanded)
- XIX. **Antibiotic loaded nanocapsules functionalized with aptamer gates for targeted destruction of pathogens**  
Kavruk M., ÇELİKBIÇAK Ö., Ozalp V. C., Borsa B. A., Hernandez F. J., Bayramoglu G., SALİH B., Arica M. Y.  
CHEMICAL COMMUNICATIONS, vol.51, no.40, pp.8492-8495, 2015 (SCI-Expanded)
- XX. **Immobilization of laccase on hairy polymer grafted zeolite particles: Degradation of a model dye and product analysis with MALDI-ToF-MS**  
ÇELİKBIÇAK Ö., Bayramoglu G., Yilmaz M., Ersoy G., Bicak N., SALİH B., Arica M. Y.  
MICROPOROUS AND MESOPOROUS MATERIALS, vol.199, pp.57-65, 2014 (SCI-Expanded)
- XXI. **Effects of 900 MHz Radiofrequency Radiation on Skin Hydroxyproline Contents**  
Cam S. T., Seyhan N., KAVAKLI C., ÇELİKBIÇAK Ö.  
CELL BIOCHEMISTRY AND BIOPHYSICS, vol.70, no.1, pp.643-649, 2014 (SCI-Expanded)
- XXII. **Strong ionic interactions in noncovalent complexes between poly(ethylene imine), a cationic electrolyte, and Cibacron Blue, a nucleotide mimic - implications for oligonucleotide vectors**  
Celikbicak O., SALİH B., Wesdemiotis C.  
JOURNAL OF MASS SPECTROMETRY, vol.49, no.7, pp.597-607, 2014 (SCI-Expanded)
- XXIII. **Trypsin Immobilized on Magnetic Beads via Click Chemistry: Fast Proteolysis of Proteins in a Microbioreactor for MALDI-ToF-MS Peptide Analysis**  
Bayramoglu G., ÇELİKBIÇAK Ö., Arica M. Y., SALİH B.  
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.53, no.12, pp.4554-4564, 2014 (SCI-Expanded)
- XXIV. **A Trypsin Immobilized Sol-Gel for Protein Identification in MALDI-MS Applications**  
ÇELİKBIÇAK Ö., ATAKAY M., Guler U., SALİH B.  
ANALYTICAL LETTERS, vol.47, no.4, pp.707-719, 2014 (SCI-Expanded)
- XXV. **Large-scale purification of a bacteriocin produced by Leuconostoc mesenteroides subsp cremoris using diatomite calcium silicate**  
Dundar H., ÇELİKBIÇAK Ö., SALİH B., Bozoglu T. F.  
TURKISH JOURNAL OF BIOLOGY, vol.38, no.5, pp.611-618, 2014 (SCI-Expanded)
- XXVI. **Specific enrichment and direct detection of phosphopeptides on insoluble transition metal oxide particles in matrix-assisted laser desorption/ionization mass spectrometry applications**  
ÇELİKBIÇAK Ö., KAYNAR G., ATAKAY M., Guler Ü., Kayili H. M., SALİH B.  
EUROPEAN JOURNAL OF MASS SPECTROMETRY, vol.19, no.3, pp.151-162, 2013 (SCI-Expanded)
- XXVII. **A novel tantalum-based sol-gel packed microextraction syringe for highly specific enrichment of phosphopeptides in MALDI-MS applications**  
ÇELİKBIÇAK Ö., ATAKAY M., Guler Ü., SALİH B.  
ANALYST, vol.138, no.15, pp.4403-4410, 2013 (SCI-Expanded)
- XXVIII. **Small molecule analysis using laser desorption/ionization mass spectrometry on nano-coated silicon**

**with self-assembled monolayers**

ÇELİKBIÇAK Ö., DEMİREL G., PİŞKİN E., SALİH B.

ANALYTICA CHIMICA ACTA, vol.729, pp.54-61, 2012 (SCI-Expanded)

- XXIX. **Therapeutic effects of Mycobacterium phlei cell wall extracts**  
ORHAN B., BÜBER E., KESKİN M. S., ÇELİKBIÇAK Ö., SALİH B., ALP A., SARIBAŞ Z., ÖZEN A. H., Acan N. L.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.42, no.2, pp.193-199, 2012 (SCI-Expanded)
- XXX. **Amine-Functionalized Sol-Gel-Based Lab-in-a-Pipet-Tip Approach for the Fast Enrichment and Specific Purification of Phosphopeptides in MALDI-MS Applications**  
ATAKAY M., ÇELİKBIÇAK Ö., SALİH B.  
ANALYTICAL CHEMISTRY, vol.84, no.6, pp.2713-2720, 2012 (SCI-Expanded)
- XXXI. **GAS CHROMATOGRAPHY IN PLANT SCIENCE, WINE TECHNOLOGY, TOXICOLOGY AND SOME SPECIFIC APPLICATIONS Preface**  
SALİH B., ÇELİKBIÇAK Ö.  
GAS CHROMATOGRAPHY IN PLANT SCIENCE, WINE TECHNOLOGY, TOXICOLOGY AND SOME SPECIFIC APPLICATIONS, 2012 (SCI-Expanded)
- XXXII. **Analysis of energy transfer and ternary non-covalent filler/matrix/UV stabilizer interactions in carbon nanofiber and oxidized carbon nanofiber filled poly(methyl methacrylate) composites**  
Gunes I. S., Perez-Bolivar C., Jimenez G. A., ÇELİKBIÇAK Ö., Li F., Anzenbacher P., Wesdemiotis C., Jana S. C.  
POLYMER, vol.52, no.23, pp.5355-5361, 2011 (SCI-Expanded)
- XXXIII. **Preconcentration and matrix elimination for the determination of Pb(II), Cd(II), Ni(II), and Co(II) by 8-hydroxyquinoline anchored poly(styrene-divinylbenzene) microbeads**  
ASKUN H., GÜLBAKAN B., ÇELİKBIÇAK Ö., UZUN C., GUVEN G., SALİH B.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.107, no.4, pp.2714-2722, 2008 (SCI-Expanded)
- XXXIV. **Solid phase extraction of organochlorine pesticides with modified poly(styrene-divinylbenzene) microbeads using home-made solid phase extraction syringes**  
Guelbakan B., UZUN C., CELIKBICAK O., GUEVEN G., SALİH B.  
REACTIVE & FUNCTIONAL POLYMERS, vol.68, no.2, pp.580-593, 2008 (SCI-Expanded)
- XXXV. **Synthesis, characterization and electrochemical properties of novel metal free and zinc(II) phthalocyanines of ball and clamshell types**  
Ceyhan T., Altındal A., Ozkaya A. R., Celikbicak O., Salih B., Erbil M. K., Bekaroglu O.  
POLYHEDRON, vol.26, no.15, pp.4239-4249, 2007 (SCI-Expanded)
- XXXVI. **Matrix elimination method for the determination of precious metals in ores using electrothermal atomic absorption spectrometry**  
Salih B., Celikbicak O., DOKER S., DOGAN M.  
ANALYTICA CHIMICA ACTA, vol.587, no.2, pp.272-280, 2007 (SCI-Expanded)
- XXXVII. **Novel short peptides isolated from phage display library inhibit vascular endothelial growth factor activity**  
ERDAG B., BALCIOGLU K. B., KUMBASAR A., Celikbicak O., ZEDER-LUTZ G., ALTSCHUH D., Salih B., BAYSAL K.  
MOLECULAR BIOTECHNOLOGY, vol.35, no.1, pp.51-63, 2007 (SCI-Expanded)
- XXXVIII. **Recovery and pre-concentration of gold onto poly((N-(Hydroxymethyl)methacrylamide)-1-allyl-2-thiourea) hydrogels synthesized by gamma radiation**  
DOKER S., Celikbicak O., DOGAN M., Salih B.  
MICROCHEMICAL JOURNAL, vol.84, pp.80-87, 2006 (SCI-Expanded)
- XXXIX. **Characterization of poly(N(hydroxymethyl)methacrylamide-ATU) hydrogels synthesized by gamma radiation**  
SAHİNER N., Celikbicak O., MALCI S., KANTOĞLU O., SALİH B.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.99, no.4, pp.1657-1664, 2006 (SCI-Expanded)
- XL. **Radiation synthesis and characterization of new hydrogels based on acrylamide copolymers cross-linked with 1-allyl-2-thiourea**  
ŞAHİNER N., MALCI S., Celikbicak O., KANTOĞLU Ö., Salih B.  
RADIATION PHYSICS AND CHEMISTRY, vol.74, no.2, pp.76-85, 2005 (SCI-Expanded)

- XLI. **Gold recovery onto poly(acrylamide-allylthiourea) hydrogels synthesized by treating with gamma radiation**  
KILIÇ A. G., MALCI S., Celikbicak O., ŞAHİNER N., Salih B.  
ANALYTICA CHIMICA ACTA, vol.547, no.1, pp.18-25, 2005 (SCI-Expanded)

### Articles Published in Other Journals

- I. **Physicochemical and Palynological Characterization of the Onobrychis Miller (Fabaceae) Honey**  
ÖZENİRLER Ç., GENÇAY ÇELEMLİ Ö., ECEM BAYRAM N., DİKMEN F., ZARE G., ÇELİKBIÇAK Ö., SORKUN K.  
Gazi University Journal of Science Part A: Engineering and Innovation, 2023 (Peer-Reviewed Journal)
- II. **Physicochemical and Palynological Characterization of the Onobrychis Miller (Fabaceae) Honey**  
ÖZENİRLER Ç., Gençay Çelemli Ö., ECEM BAYRAM N., DİKMEN F., ZARE G., ÇELİKBIÇAK Ö., SORKUN K.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.1, pp.63-76, 2019 (ESCI)
- III. **Mycobacterium Brumae Extract Fractions with Potential Immunotherapeutic Activity for Bladder Cancer**  
ERTÜRK Z., BÜBER E., Ozen H., ÇELİKBIÇAK Ö., SALİH B., Acan N. L.  
UROONKOLOJİ BULTENİ-BULLETIN OF UROONCOLOGY, vol.16, no.3, pp.70-76, 2017 (ESCI)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Farklı Yapılı Sol-Jel Malzemeler Kullanılarak Kolay Uygulanabilir Fosfopeptit Zenginleştirme Yöntemlerinin Geliştirilmesi**  
Çelikbiçak Ö., Kayılı H. M., Salih B., Atakay M.  
12. Ulusal Spektroskopi Kongresi, Antalya, Turkey, 18 - 22 May 2011, pp.31
- II. **Determination of The Activity and Specificity of The Proteolytic Enzymes Entrapped in Sol-Gel Materials by MALDI-MS**  
Çelikbiçak Ö., Salih B.  
7th Aegean Analytical Chemistry Days, Levkas, Greece, 29 October - 03 November 2010, pp.49
- III. **Kütle Spektrometrisi Temelli Omik Teknolojileri ve Biyomedikal Uygulamaları**  
Çelikbiçak Ö.  
XXVII. Ulusal Allerji ve Klinik İmmünoloji Kongresi, 24 - 25 October 2020, pp.11
- IV. **A PILOT PROTEOMIC ANALYSIS OF PLASMA BIOMARKERS IN IGA VASCULITIS**  
DEMİR S., Sardan M., YET İ., SAĞ E., BİLGİNER Y., ÇELİKBIÇAK Ö., ÖZEN S.  
Annual European Congress of Rheumatology (EULAR), ELECTR NETWORK, 03 June 2020, vol.79, pp.1200-1201
- V. **Studies with some mycobacterial culture filtrates for immunotherapeutical activity**  
ERTÜRK Z., BÜBER E., ÖZEN A. H., ÇELİKBIÇAK Ö., SALİH B., AÇAN N. L.  
22th ISE International Conference All Aspects of Laboratory Medicine, 30 June - 03 July 2018
- VI. **Phosphopeptide enrichment via immobilized metal affinity chromatography using phosphonic acid functionalized capillary monolith as a stationary phase in a microfluidic system**  
USTA D. D., KİP F. Ç., SALİMİ K., ÇELİKBIÇAK Ö., PINAR A., SALİH B., TUNCEL S. A.  
45th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 18 - 22 June 2017
- VII. **Phosphopeptide enrichment from human-serum via immobilized metal affinity chromatography using phosphonic acid functionalized capillary monolith as a stationary phase in a microfluidic system**  
USTA D. D., KİP F. Ç., salimi k., ÇELİKBIÇAK Ö., PINAR A., SALİH B., TUNCEL S. A.  
45th International Symposium on High Performance Liquid Phase Separations and Related Techniques (HPLC 2017), 18 - 22 June 2017
- VIII. **Molecularly Imprinted Polymeric Nanoparticle Modified Film Based MALDI Sample Probe for**

### **Detection of Ciprofloxacin**

AYLAZ G., ÇELİKBIÇAK Ö., DUMAN M.

XIX Annual Linz Winter Workshop, Linz, Austria, 3 - 06 February 2017

- IX. **Polydopamine Coated SiNWs Target Surfaces for The Detection of Small Molecules in Laser Desorption Ionization Mass Spectrometry**  
ŞANLI G., DEMİREL G., ÇELİKBIÇAK Ö.  
3rd International Congress on Biosensors, Ankara, Turkey, 5 - 07 October 2016, pp.91
- X. **Mass Spectrometry Applications in Biomedical Research**  
ÇELİKBIÇAK Ö.  
3rd International Congress on Biosensors, Ankara, Turkey, 5 - 07 October 2016
- XI. **A Novel Fiber based MALDI Probe for Selective Detection of Ciprofloxacin**  
AYLAZ G., Tevlek A., ÇELİKBIÇAK Ö., DUMAN M.  
3rd International Congress on Biosensors, 5 - 07 October 2016
- XII. **Mass Spectrometry in Biomedical Research” 3rd International Congress on Biosensors**  
Çelikbiçak Ö.  
Mass Spectrometry in Biomedical Research” 3rd International Congress on Biosensors, Ankara, Turkey, 5 - 07 October 2016, pp.5
- XIII. **Phosphopeptide Enrichment Using Ti4 Attached Monodisperse Porous Poly Phosphonic Acid Based Microspheres**  
Kouroush S., USTA D. D., ÇELİKBIÇAK Ö., SALİH B., TUNCEL S. A.  
44th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 19 - 24 June 2016
- XIV. **Proteomic comparison of rat vascular tissue in type 1 diabetes mellitus**  
DAWLATY B., BÜBER E., ÇELİKBIÇAK Ö., SALİH B., TURAN B., AÇAN N. L.  
International Society of Enzymology Meeting, Annual Conference 2015, 29 June - 01 July 2015
- XV. **Highly selective protein proteolysis using aptamer immobilized polymer supports for mass spectrometry based proteomics**  
Çelikbiçak Ö., Güler Ü., Salih B., Yıldırım F.  
20th International Mass Spectrometry Conference, Geneve, Switzerland, 24 - 29 August 2014, pp.51
- XVI. **Small Molecule Analysis Using Laser Desorption/Ionization-Mass Spectrometry on MALDI matrix Incorporated Sol-Gel Film**  
Çelikbiçak Ö., Salih B.  
62nd ASMS (American Society for Mass Spectrometry) Conference on Mass Spectrometry and Allied Topics, Proceedings, Maryland, United States Of America, 15 - 19 June 2014, pp.30
- XVII. **Highly selective protein proteolysis using aptamer immobilized polymer supports for mass spectrometry based proteomics**  
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## Scientific Research / Working Group Memberships

Sentetik Biyofiziksel Sistemler Araştırma Grubu, Hacettepe University, Turkey,

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## Non Academic Experience

THE UNIVERSITY OF AKRON (A.B.D)