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### **Kişisel Bilgiler**

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### **Uluslararası Araştırmacı ID'leri**

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**Yoksis Araştırmacı ID:** 169582

### **Eğitim Bilgileri**

Doktora, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya, Türkiye 2007 - 2013

Yüksek Lisans, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya, Türkiye 2004 - 2007

Yüksek Lisans, Ankara Üniversitesi, Fen Bilimleri Enstitüsü, Analitik Kimya, Türkiye 2002 - 2004

Lisans, Ankara Üniversitesi, Fen Fakültesi, Kimya Bölümü, Türkiye 1997 - 2001

### **Yabancı Diller**

İngilizce, B2 Orta Üstü

### **Yaptığı Tezler**

Doktora, HT29 ve K562 kanser hücrelerinde protein ve metabolitlerin analizi için çeşitli analitik yöntemlerin geliştirilmesi, Hacettepe Üniversitesi, Sağlık Bilimleri Enstitüsü, Analitik Kimya (Yl) (Tezli), 2013

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### **Araştırma Alanları**

Temel Eczacılık Bilimleri, Sağlık Bilimleri, Eczacılık, Analitik Kimya

### **Akademik Unvanlar / Görevler**

Dr. Öğr. Üyesi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2018 - Devam Ediyor

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- XIII. **Plasma irisin and metabolomic response differ between concentric and isometric exercise Effets différents de l'exercice concentrique et de l'exercice isométrique sur l'irisine plasmatique et la réponse métabolomique**  
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- L. **Determination of pK(a) Values of Some Benzoxazoline Derivatives and the Structure-Activity Relationship**  
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- VI. **Ultrafiltration-Based extraction of Ibuprofen from human plasma samples and HPLC analysis: developing an innovative bioanalytical analysis method**  
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- VII. **Comparison of Different Sample Preparation Techniques for Untargeted Metabolomics Utilizing Q-TOF LC/MS and MetaboAnalyst 4.0**  
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- VIII. **Exposure of Hepatocellular Carcinoma Cells to Ankaferd Blood Stopper (R) Alters Cell Death Signaling Networks Confirmed by Oncoproteomic and Genomic Profiling Studies**  
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- IX. **Assessment of pharmaceutical quality and release kinetics of metoprolol tartrate extended release tablets available in Turkish drug market**  
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- XI. **Liquid-liquid extraction and ultrafiltration based sample preparation technique for Q-TOF LC/MS analysis of non-polar metabolites in human plasma samples**  
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- II. **An Overview of Food Metabolomics: CE-MS Based Targeted and Non-Targeted Analysis**  
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- VI. **Kromatografik Ayırma Teknikleri**  
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## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **AN INNOVATIVE SAMPLE PREPARATION TECHNIQUE TO EVALUATE THE DIFFERENCES IN METABOLOME LEVELS FOR SYNOVIA AND FAT TISSUES**  
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- II. **How to Use Metabolomics on Preventive Medicine**  
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- III. **Bioanalytical Validation of an HPLC Method for the Analysis of Rifampicin Accumulation in Rat Liver**  
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8. BBBB International Conference on Pharmaceutical Sciences (8.BBBB 2019), İzmir, Türkiye, 14 - 16 Ekim 2019, ss.332-333
- IV. **Proteomic Investigation of In-Vitro Antineoplastic Effect of Ankaferd Hemostat with 2D Gel Electrophoresis and MALDI-TOF/TOF-MS in HepG2, Caco-2 and HT-29 Cancer Cells**  
NENNİ M., ÇELEBİER M., SÜSLÜ İ., HAZNEDAROĞLU İ. C.  
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- V. **Comparison of different sample preparation techniques on human plasma samples for Q-TOF LC/MS based metabolite profiling**  
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- VI. **Comparison of Metabolite Extraction Techniques for LC/MS Based Metabolomics on Human Blood Plasma**  
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- VIII. **Is It Possible To Use Pooled Plasma Samples For Large-Scale Human Metabolomic Studies? A Comparison Of The Metabolite Profiles Of Pooled Plasma Samples With Random Individual Samples Using Q-TOF LC/MS**  
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- XI. **The effect of polycationic amphiphilic cyclodestrin nanoparticles on mda-mb cancer cells: A**

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- XIII. Identification of Organochlorine Pesticides (OCPs), in Spiked Commercial Cow Milk Samples by GC-MS**  
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- XIV. GENOMIC AND METABOLOMIC STUDIES OF POLYCATIONIC AMPHIPHILIC CYCLODEXTRIN NANOPARTICLES ON HEPG2 CELL LINE**  
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- XV. Ultrafiltration-Based Extraction and LC-MS/MS Analysis of Phenylalanine in Human Plasma Samples**  
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- XVI. Investigation of the Effect of Cyclodextrin Nanoparticles on MCF 7 Breast Cancer Cell Line by Proteomics Approaches**  
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- XVII. MCF-7 Breast Cell Proteome Analysis Determination With New UPLC/MS Method**  
KOÇAK E., ÖNCÜL S., NENNİ M., kaplan o., ÇELEBİER M., SÜSLÜ İ., ERCAN A., ALTINÖZ S.  
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- XIX. Identification of Polychlorinated Biphenyls (PCBs) in Spiked Human Plasma Samples by GC-MS**  
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- XX. Assit Ayırıcı Tanısında Assit Metabolom Tayini için Sıvı Kromatografisi Kütle Spektroskopisi (LC-Q TOF-MS) Yöntemi Geliştirilmesi**  
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- XXI. Ultrafiltration based extraction and high performance liquid chromatographic analysis of ceftriaxone in human plasma and perilymph fluid samples**  
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- XXII. New Standard Flow UPLC Method for Identification of CaCo2 Cell Line Proteome**  
KOÇAK E., ÇELEBİER M., BİBEROĞLU K., TACAL Ö., ALTINÖZ S.  
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- XXIII. Indirect square wave voltammetric determination of cefepime in the presence of formaldehyde**  
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- XXIV. Investigation of the Physicochemical properties of 12 New 1 4 Substitutedphenyl 2 Thiazolyl 3 4 Methylphenyl 5 2 Furyl 4 5 Dihydro 1H Pyrazole Derivatives**  
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- XXV. Square wave stripping voltammetric determination of roflumilast in pharmaceutical formulations**

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- XXVI. **Determination of Rivaroxaban in Human Plasma by Solid Phase Extraction High Performance Liquid Chromatography**  
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- XXVII. **Effect of internal standard on HPLC analysis of tablet dosage forms An experimental study with statistical comparison**  
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- XXVIII. **A new alternative to solid phase extraction of ceftriaxone in human plasma samples ultrafiltration based extraction and HPLC analysis**  
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- XXX. **Investigation of the Physicochemical Properties of Drugs by HPLC and UV Spectrophotometry Using Phenazopyridine HCl as a Model Molecule**  
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- XXXI. **Some Applications of XCMS on Metabolite Profiling**  
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- XXXII. **Fractional Wavelet Transform and Chemometric Calibrations for the Simultaneous Determination of Amlodipine and Valsartan in Their Complex Mixture**  
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## Desteklenen Projeler

- ÇELEBİER M., TÜBİTAK Projesi, Sistem Biyolojisi Yaklaşımıyla Siklodekstrin Nanopartiküllerin MCF7 Hücreleri Üzerine Etkisinin İncelenmesi, 2015 - Devam Ediyor
- BABAÖGLU M. Ö., VANLI TONYALI N., SAHİN UYGUR D., Ongun M. C., BAŞCI AKDUMAN N. E., ÇELEBİER M., YÜCEL A., KAPLAN O., Yükseköğretim Kurumları Destekli Proje, Preeklampsie ve Gestasyonel Hipertansiyonda CYP4F2, 4F3, 4A11, 2J2, 2C9, 2C19, Solubl Epoksit Hidrolaz Enzimleri ile İlaç Transporteri MDR1 Genetik Polimorfizmlerinin Etkileri, 2019 - 2021
- ŞARDAN EKİZ M., ÇELEBİER M., ARSLAN Ö., YILMAZ E., Yükseköğretim Kurumları Destekli Proje, Kozmetiklerde paraben türevleri ve fenoksietanol için analitik yöntem geliştirilmesi ve validasyonu, 2019 - 2021
- ÖZEN S., ÇELEBİER M., DEMİR S., Yükseköğretim Kurumları Destekli Proje, Romatizmal hastalıklarda mikrobiatanın ve proteomik ve metabolomik analiz sonuçlarının hastalık patogenez ve seyrindeki etkilerinin incelenmesi: Kısım 1 Henoch Schönlein Purpurası/ IgA vaskülitinde metabolomik inceleme, 2018 - 2019
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Kanser Hücre Hatlarında Metabolomik Çalışmalar, 2016 - 2017

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## Metrikler

Yayın: 122

Atıf (WoS): 239

Atıf (Scopus): 515

H-İndeks (WoS): 9

H-İndeks (Scopus): 12

## Akademi Dışı Deneyim

Autonomous University of Madrid

Yakın Doğu Üniversitesi Eczacılık Fakültesi

San Francisco State University