Res. Asst. SERMET CAN BEYLİKÇİ

Personal Information

Email: sermetcan.beylikci@cbu.edu.tr
Web: https://avesis.mcbu.edu.tr/sermetcan.beylikci

International Researcher IDs
ScholarID: 5K3mfz4AAAAJ
ORCID: 0000-0002-2619-4961
Publons / Web Of Science ResearcherID: IVU-7980-2023
ScopusID: 60728299000
Yoksis Researcher ID: 265781

Education

Doctorate, Manisa Celal Bayar University, Turkey 2019 - Present
Postgraduate, Middle East Technical University, Faculty Of Engineering, Department Of Food Engineering, Turkey 2015 - 2019
Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Food Engineering, Turkey 2010 - 2015

Foreign Languages

English

Dissertations

Postgraduate, Investigation of physico-chemical properties of soy proteins glycated with D-psicose, Middle East Technical University, Faculty Of Engineering, Department Of Food Engineering, 2019

Research Areas

Avesis Research Areas: Food Engineering, Food Technology, Food Biotechnology, Engineering and Technology
WoS Research Areas: Food Science & Technology, Engineering Computing & Technology (Eng), Engineering, Engineering Multidisciplinary
Scopus Research Areas: Food Science, General Engineering, Media Technology

Academic Positions

Research Assistant, Manisa Celal Bayar University, Mühendislik Ve Doğa Bilimleri Fakültesi, Gıda Mühendisliği, 2017 - Present
Research Assistant, Nigde Omer Halisdemir University, 2017 - 2018

Articles

Articles

I. **Color-tunable microfluidic synthesis of FITC/RITC-functionalized POSS hybrid nanoparticles and in vitro biocompatibility assessment**
Yegenoglu T. U., Tevlek A., Bozdogan A., Altunok S., Beylikci S. C., Kibar G.
Journal of Materials Chemistry B, vol.14, no.28, pp.8842-8852, 2026 (SCI-Expanded, Scopus)

II. **Problems, Suggestions and Last Trends Related to Salgam Beverage which is Traditional Product of Turkey**
TANGÜLER H., DİNÇ S. Ö., BEYLİKÇİ S. C.
TURKISH JOURNAL OF AGRICULTURE: FOOD SCIENCE AND TECHNOLOGY, vol.8, no.6, pp.1266-1271, 2020 (TRDizin)

Papers Presented at Peer-Reviewed Scientific Conferences

I. **Magnetic Hybrid Nanoparticle-Based Microfluidic Aptasensor for Rapid Bacteria Detection in Complex Food Matrices**
BEYLİKÇİ S. C., EREN İ., ÖZALP V. C., KİBAR G.
35th Anniversary World Congress on Biosensors (Biosensors 2025), Lisbon, Portugal, 19 - 22 May 2025, (Summary Text)

II. **Green Synthesis of Multifunctional Ag/SPION-POSS Hybrid Nanoparticles for 4-Nitrophenol Degradation in Wastewater**
Bilir A., BEYLİKÇİ S. C., KİBAR G.
Polimer 2024 - IX. Polymer Science and Technology Congress with International Participation, 16 - 18 September 2024, (Summary Text)

III. **Microfluidic vs Batch Synthesis of Fluorescent POSS Nanoparticles**
Kılınçlı B., BEYLİKÇİ S. C., ÇETİN B., KİBAR G.
Polimer 2024 - IX. Polymer Science and Technology Congress with International Participation, 16 - 18 September 2024, (Summary Text)

IV. **Superparamagnetic Nanoparticles Decorated Polymeric Microparticles**
Bilir A., BEYLİKÇİ S. C., AKYOL M., KİBAR G.
Polimer 2024 - IX. Polymer Science and Technology Congress with International Participation, 16 - 18 September 2024, (Summary Text)

V. **Aptamer attached multifunctional hybrid POSS micro/nanoparticles for Salmonella detection**
BEYLİKÇİ S. C., KİBAR G., EREN İ., ÇETİN B., ÖZALP V. C., Yıldız G.
ECIS 2024 - 38th Conference of the European Colloid & Interface Society, 1 - 06 September 2024, (Summary Text)

VI. **Determination of Anthocyanin Content and Some Physicochemical Properties of Reyhan Drink Obtained by Different Methods**
Yıldız D., Özkaya P., Erdağ Akca E., Beylikçi S. C., Kayaardı S.
V. Balkan Agricultural Congress, Edirne, Turkey, 20 - 23 September 2023, pp.278, (Summary Text)

VII. **The Effect of Different Baking Methods on Physical and Chemical Properties of Blackberry Fortified Biscuits**
Erdağ Akca E., Beylikçi S. C., Yıldız D., Özkaya P., Köse E.
V. Balkan Agricultural Congress, Edirne, Turkey, 20 - 23 September 2023, pp.279, (Summary Text)

VIII. **Isıl İşlem, İnfüzyon ve Mikrodalga Uygulamaları ile Elde Edilen Reyhan İçeceğinin Antosiyanin İçeriği ve Bazı Fizikokimyasal Özelliklerinin Belirlenmesi**
YILDIZ D., ÖZKAYA P., BEYLİKÇİ S. C., ERDAĞ AKCA E.
V. AGRIBALKAN 2023, 20 - 23 September 2023

IX. **Effect of Different Drying Methods on The Bioactive Compounds and The Physical Properties of Bitter Gourd (Mormordica Charantia)**
Beylikçi S. C., Erdağ Akca E., Özkaya P., Yıldız D., Eren İ.
V. International Agricultural, Biological and Life Science Conference, Edirne, Turkey, 18 - 20 September 2023,

pp.534, (Summary Text)

X. **Meatball Production From Beef With Wet Basil (Ocimum Basilicum) Addition**
Özkaya P., Yıldız D., Beylikçi S. C., Erdağ Akca E., Dağbağlı S.
V. International Agricultural, Biological and Life Science Conference, Edirne, Turkey, 18 - 20 September 2023, pp.533, (Summary Text)

XI. **Bireysel Hızlı Dondurma (IQF) İşleminin Kırmızı Eriklerde Fiziksel Kalite Parametrelerine Etkisi**
ERDAĞ AKCA E., BEYLİKÇİ S. C.
Ulusal Meyvecilik Sempozyumu, Isparta, Turkey, 27 September 2022, vol.9, pp.23-28, (Full Text)

XII. **Mikrokanallarda Akım Odaklama Prensipleri ve Uygulamaları**
BEYLİKÇİ S. C., EREN İ.
SÜRDÜRÜLEBİLİR GIDA SİSTEMLERİ KONGRESİ, Manisa, Turkey, 10 November 2022, pp.368-382, (Full Text)

XIII. **Farklı Sıcaklıklarda Dondurma İşleminin İncir ve Kudret Narının Kalite Parametrelerine Etkisi**
BEYLİKÇİ S. C., ERDAĞ AKCA E.
Ulusal Meyvecilik Sempozyumu, Isparta, Turkey, 27 September 2022, (Summary Text)

XIV. **New Trends and Problems Related to Shalgam (Salgam) which is a Fermented Black Carrot Product**
TANGÜLER H., BEYLİKÇİ S. C.
3rd International Congress on Food Technology, Nevşehir, Turkey, 10 - 12 October 2018, vol.1, pp.37, (Summary Text)

XV. **Single Cell Protein from Yeast**
BEYLİKÇİ S. C., TANGÜLER H.
3rd International Congress on Food Technology, Nevşehir, Turkey, 10 - 12 October 2018, vol.1, pp.195, (Summary Text)

XVI. **Farklı Şeker Tipleri Kullanılarak Hazırlanan Çözeltilerin Nmr T2 Relaksasyon Zamanlarının Belirlenmesi**
BEYLİKÇİ S. C., Akkaya S., Efe N., GÜNER S., SEVDİN S., Oztop M. H.
Türkiye 12. Gıda Kongresi, Turkey, 5 - 07 October 2016, (Summary Text)

XVII. **Biyopolimer Eklenmiş Kapsaisin Yüklü Nanoemülsiyonların Tasarlanması**
POÇAN P., ÇAVDAROĞLU E., BEYLİKÇİ S. C., ÖZTOP H. M.
Türkiye 12. Gıda Kongresi, Edirne, Turkey, 5 - 07 October 2016, (Summary Text)

Metrics

Publication: 19
Citation (WoS): 1
H-Index (WoS): 1

Non Academic Experience

Kagawa Üniversitesi, Stajyer (Öğrenci)
Unmaş Unlu Mamuller San. Ve Tic. A.Ş., Stajyer (Öğrenci)
Unipro Gıda San. Ve Tic. A.Ş., Stajyer (Öğrenci)