

## Dr. ESRA ACAR SOYKUT

### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, Ankara Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği, Türkiye 2002 - 2007

Yüksek Lisans, Ankara Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği, Türkiye 1999 - 2002

Lisans, Hacettepe Üniversitesi, Mühendislik Fakültesi, Gıda Mühendisliği, Türkiye 1993 - 1998

### Yabancı Diller

İngilizce, B2 Orta Üstü

### Araştırma Alanları

Gıda Mühendisliği, Gıda Bilimleri, Gıda Mikrobiyolojisi, Yaşam Bilimleri, Mikrobiyoloji, Temel Bilimler, Mühendislik ve Teknoloji

### SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Applications of Bacteriophage Cocktails to Reduce Salmonella Contamination in Poultry Farms**  
Evrans S., Tayyarcan E. K., Acar-Soykut E., BOYACI İ. H.  
FOOD AND ENVIRONMENTAL VIROLOGY, cilt.14, sa.1, 2022 (SCI-Expanded)
- II. **Investigation of phage and molasses interactions for the biocontrol of E. coli O157:H7**  
Evrans S., Tayyarcan E. K., Acar-Soykut E., GÜVEN B., DURAKLI VELİOĞLU S., BOYACI İ. H.  
CANADIAN JOURNAL OF MICROBIOLOGY, cilt.68, sa.1, ss.55-65, 2022 (SCI-Expanded)
- III. **A Raman-spectroscopy-based approach for detection and discrimination of Streptococcus thermophilus and Lactobacillus bulgaricus phages at low titer in raw milk**  
Tayyarcan E. K., ACAR SOYKUT E., BOYACI İ. H.  
FOLIA MICROBIOLOGICA, cilt.63, sa.5, ss.627-636, 2018 (SCI-Expanded)
- IV. **Paper based lateral flow immunoassay for the enumeration of Escherichia coli in urine**  
Gumustas A., ÇAĞLAYAN M. G., Eryılmaz M., SULUDERE Z., ACAR SOYKUT E., USLU B., BOYACI İ. H., TAMER U.  
ANALYTICAL METHODS, cilt.10, sa.10, ss.1213-1218, 2018 (SCI-Expanded)
- V. **A simple and fast method for discrimination of phage and antibiotic contaminants in raw milk by using Raman spectroscopy**  
ACAR SOYKUT E., Tayyarcan E. K., BOYACI İ. H.  
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, cilt.55, sa.1, ss.82-89, 2018 (SCI-Expanded)
- VI. **Effects of heat treatment parameters on liquid whole egg proteins**  
Uysal R. S., BOYACI İ. H., ACAR SOYKUT E., ERTAŞ N.  
FOOD CHEMISTRY, cilt.216, ss.201-208, 2017 (SCI-Expanded)
- VII. **Classification of Streptococcus thermophilus Phages Originating from Turkey**

- ACAR SOYKUT E., Tunail N.  
JOURNAL OF FOOD SAFETY, cilt.36, sa.2, ss.186-194, 2016 (SCI-Expanded)
- VIII. **Development of rolling circle amplification based surface-enhanced Raman spectroscopy method for 35S promoter gene detection**  
GÜVEN B., BOYACI İ. H., Tamer U., ACAR-SOYKUT E., Dogan U.  
TALANTA, cilt.136, ss.68-74, 2015 (SCI-Expanded)
- IX. **Rapid Identification of Pseudomonas aeruginosa and Pseudomonas fluorescens Using Raman Spectroscopy**  
ACAR SOYKUT E.  
JOURNAL OF FOOD SAFETY, cilt.35, ss.501-508, 2015 (SCI-Expanded)
- X. **PHENOTYPIC DIVERSITY AND TECHNOLOGICAL PROPERTIES OF YOGURT CULTURES ISOLATED FROM TRADITIONALLY PRODUCED TURKISH YOGURTS WITH COMPARISON TO COMMERCIAL STARTER CULTURES**  
Dede N. A., Acar-Soykut E., Gurakan G. C.  
ITALIAN JOURNAL OF FOOD SCIENCE, cilt.26, sa.3, ss.308-316, 2014 (SCI-Expanded)
- XI. **Analyzing and monitoring of phage-bacteria interaction using CE**  
ACAR SOYKUT E., BOYACI İ. H.  
ELECTROPHORESIS, cilt.30, sa.20, ss.3548-3554, 2009 (SCI-Expanded)
- XII. **Selection of Staphylococcal enterotoxin B (SEB) binding peptide using phage display technology**  
ACAR SOYKUT E.  
BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, cilt.370, ss.104-108, 2008 (SCI-Expanded)

## **Metrikler**

Yayın: 12

Atf (WoS): 44

Atf (Scopus): 10

H-İndeks (WoS): 4

H-İndeks (Scopus): 2