

## Res. Asst. Eylül ÖZTÜRK

### Personal Information

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### International Researcher IDs

ORCID: 0000-0002-9257-7004

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### Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Department of Food Engineering, Turkey 2019 - Continues

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Department of Food Engineering, Turkey 2016 - 2019

Undergraduate Minor, Middle East Technical University, Faculty Of Engineering, Department Of Mechanical Engineering, Turkey 2014 - 2016

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Food Engineering, Turkey 2010 - 2016

### Dissertations

Postgraduate, Effects of High Hydrostatic Pressure (HHP) on Cellulose Hydrolysis and Cellulase Activity, and Its Use for Peanut Hulls Hydrolysis, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Gıda Mühendisliği, 2019

### Academic Titles / Tasks

Research Assistant, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Food Engineering, 2018 - Continues

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

- Effect of the High Hydrostatic Pressure Process on the Microbial and Physicochemical Quality of Shalgam**  
Öztürk E., Alpas H., Arıcı M.  
ACS Omega, vol.9, no.9, pp.10400-10414, 2024 (SCI-Expanded)
- Effect of extraction temperature of taro mucilage on physicochemical and rheological properties**  
Arıcı M., Şenol B. M., Öztürk E., Özmen D., Toker Ö. S.  
JOURNAL OF FOOD MEASUREMENT AND CHARACTERIZATION, vol.18, pp.1-9, 2024 (SCI-Expanded)

- III. **Microwave-modified xanthan gum: Alterations in steady and dynamic rheological behaviors**  
Kurt A., Öztürk E., Özmen D., Yıldırım Yalçın M., Arıcı M., Tokar Ö. S.  
JOURNAL OF FOOD PROCESS ENGINEERING, vol.47, no.1, pp.14525, 2024 (SCI-Expanded)
- IV. **Use of high hydrostatic pressure (HHP) for increasing the product yield of lignocellulosic biomass hydrolysis: A study for peanut hull and microcrystalline cellulose**  
Ozturk E., Oztop M. H., ALPAS H.  
LWT-FOOD SCIENCE AND TECHNOLOGY, vol.147, 2021 (SCI-Expanded)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **Isıl Olmayan İşlemlerin Şalgamın Mikrobiyolojik Özelliklerine Etkileri**  
ÖZTÜRK E., ALPAS H., ARICI M.  
Türkiye 1. Gıda Mikrobiyolojisi Kongresi, Erzurum, Turkey, 13 September 2023
- II. **Sürdürülebilir Gıda Sistemlerinde Gıda Kaynaklı Patojenlerin İzleme ve Kontrolüne Yönelik Geleneksel ve Yeni Yaklaşımlar**  
Şenol B. M., Öztürk E., Arıcı M.  
Sürdürülebilir Gıda Sistemleri Kongresi, Manisa, Turkey, 10 - 12 November 2022, pp.11-12

### **Metrics**

Publication: 6

Citation (Scopus): 6

H-Index (Scopus): 1

### **Non Academic Experience**

ABP Ölçü Kontrol Sistemleri İthalat Pazarlama Ltd. Şti.