

## Lect. SOLMAZ ŞEBNEM SEVERCAN

### Personal Information

**Email:** sebnem.severcan@agu.edu.tr

**Web:** <https://avesis.agu.edu.tr/sebnem.severcan>

### Education Information

Doctorate, Abdullah Gul University, Mühendislik Fakültesi, Nanoteknoloji Mühendisliği, Turkey 2018 - Continues

Postgraduate, Abdullah Gul University, Mühendislik Fakültesi, Nanoteknoloji Mühendisliği, Turkey 2016 - 2018

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Food Engineering, Turkey 2010 - 2015

### Dissertations

Postgraduate, Fabrication of new generation membranes and their applications in fruit juice industry, Abdullah Gul University, Mühendislik Fakültesi, Nanoteknoloji Mühendisliği, 2018

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

- I. **Clarification of pomegranate juice using PSF microfiltration membranes fabricated with nano TiO<sub>2</sub> and Al<sub>2</sub>O<sub>3</sub>**  
Severcan S. Ş., UZAL N., KAHRAMAN K.  
JOURNAL OF FOOD PROCESSING AND PRESERVATION, vol.44, no.8, 2020 (SCI-Expanded)
- II. **Clarification of Apple Juice Using New Generation Nanocomposite Membranes Fabricated with TiO<sub>2</sub> and Al<sub>2</sub>O<sub>3</sub> Nanoparticles**  
Severcan S. Ş., UZAL N., KAHRAMAN K.  
FOOD AND BIOPROCESS TECHNOLOGY, vol.13, no.3, pp.391-403, 2020 (SCI-Expanded)
- III. **Modelling the Effects of Debranching and Microwave Irradiation Treatments on the Properties of High Amylose Corn Starch by Using Response Surface Methodology**  
MUTLU S., Kahraman K., Severcan S. Ş., ÖZTÜRK S.  
FOOD BIOPHYSICS, vol.13, no.3, pp.263-273, 2018 (SCI-Expanded)

### Articles Published in Other Journals

- I. **PSF/SiO<sub>2</sub> NANOKOMPOZİT MEMBRAN ÜRETİMİ VE ELMA SUYU BERRAKLAŞTIRMA PROSESİNDE KULLANIMI**  
Severcan S. Ş., Uzal N., Kahraman K.  
GIDA / THE JOURNAL OF FOOD, vol.44, pp.618-628, 2019 (Peer-Reviewed Journal)

### Metrics

Publication: 4

Citation (WoS): 17

Citation (Scopus): 22

H-Index (WoS): 3

H-Index (Scopus): 3

## **Congress and Symposium Activities**

International Conference on Agronomy and Food Science and Technology (AgroFood), Attendee, İstanbul, Turkey, 2019

International Turkic World Congress on Science and Engineering, Attendee, Kayseri, Turkey, 2019