

Res. Asst. ESMANUR İLHAN

Personal Information

Office Phone: [+90 312 210 5624](tel:+903122105624) Extension: 5624

Fax Phone: [+90 312 210 2767](tel:+903122102767)

Email: esmanur@metu.edu.tr

Web: <http://fde.metu.edu.tr/tr/ars-gor-esmanur-ilhan>

Address: Üniversiteler Mahallesi, Dumlupınar Bulvarı No:1, ODTÜ, Gıda Mühendisliği

Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Gıda Mühendisliği, Turkey
2019 - 2023

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Gıda Mühendisliği,
Turkey 2016 - 2019

Undergraduate, Middle East Technical University, Faculty Of Engineering, Department Of Food Engineering, Turkey 2011
- 2016

Dissertations

Postgraduate, Formulation and characterization of starch and soy protein containing low calorie soft candy, Middle East
Technical University, Graduate School of Natural and Applied Sciences, Department of Food Engineering, 2019

Research Areas

Food Engineering, Food Chemistry, Food Biochemistry, Sugars, Syrups, Starches and Candy

Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty Of Engineering, Department Of Food Engineering, 2018 -
Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Water Dynamics in Starch Based Confectionery Products including Different Types of Sugar**
İLHAN E., POCAN P., KRUK D., WOJCIECHOWSKI M., OSUCH M., MARKIEWICZ R., JURGA S., ÖZTOP M. H.
MOLECULES, vol.27, no.7, 2022 (Journal Indexed in SCI)
- II. **Water dynamics in eggs by means of Nuclear Magnetic Resonance relaxometry**
KRUK D., FLOREK-WOJCIECHOWSKA M., ÖZTOP H. M., İLHAN E., WIECZOREK Z.
Journal of Magnetic Resonance, vol.327, 2021 (Journal Indexed in SCI)
- III. **Exploring the water mobility in gelatin based soft candies by means of Fast Field Cycling (FFC) Nuclear Magnetic Resonance relaxometry**
POCAN P., İLHAN E., FLOREK-WOJCIECHOWSKA M., MASIEWICZ E., KRUK D., ÖZTOP H. M.
JOURNAL OF FOOD ENGINEERING, vol.294, 2021 (Journal Indexed in SCI)

- IV. **Role of 'D-allulose' in a starch based composite gel matrix**
İlhan E., Pocan P., Ogawa M., Oztop M. H.
CARBOHYDRATE POLYMERS, vol.228, 2020 (Journal Indexed in SCI)
- V. **Effect of d-psicose substitution on gelatin based soft candies: A TD-NMR study**
Pocan P., İlhan E., Oztop M. H.
MAGNETIC RESONANCE IN CHEMISTRY, vol.57, pp.661-673, 2019 (Journal Indexed in SCI)
- VI. **Characterization of Emulsion Stabilization Properties of Gum Tragacanth, Xanthan Gum and Sucrose Monopalmitate: A Comparative Study**
Pocan P., İlhan E., Oztop M. H.
JOURNAL OF FOOD SCIENCE, vol.84, pp.1087-1093, 2019 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **The effects of crosslinking agents on faba bean flour–chitosan–curcumin films and their characterization**
YILDIZ E., İLHAN E., KAHYAOĞLU L. N. , ŞÜMNÜ S. G. , ÖZTOP H. M.
Legume Science, vol.4, no.1, 2022 (Refereed Journals of Other Institutions)

Citations

Total Citations (WOS):27

h-index (WOS):3