

## Burcu Özdemir

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAK-6536-2021

ScopusID: 57196849040

Yoksis Researcher ID: 301822

### Research Areas

Polymeric Materials

### Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Kimya-Metalurji, Metalurji Ve Malzeme Mühendisliği, 2019 - Continues

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

- I. **Thermal Stabilization of Recycled PET Through Chain Extension and Blending with PBT**  
Guclu M., Alkan Göksu Y., Özdemir B., Ghanbari A., Nofar M.  
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.2022, pp.1, 2022 (SCI-Expanded)
- II. **Composition design of PLA/TPU emulsion blends compatibilized with multifunctional epoxy-based chain extender to tackle high impact resistant ductile structures**  
Kahraman Y., Alkan Göksu Y., Özdemir B., GÜMÜŞ B., Nofar M.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.139, no.12, 2022 (SCI-Expanded)
- III. **Thermal and Environmentally Induced Degradation Behaviors of Amorphous and Semicrystalline PLAs Through Rheological Analysis**  
Atalay S. E., Bezci B., Özdemir B., Alkan Göksu Y., Ghanbari A., Jalali A., Nofar M.  
JOURNAL OF POLYMERS AND THE ENVIRONMENT, vol.29, no.10, pp.3412-3426, 2021 (SCI-Expanded)
- IV. **Effect of solvent type on the dispersion quality of spray-and freeze-dried CNCs in PLA through rheological analysis**  
Özdemir B., Nofar M.  
CARBOHYDRATE POLYMERS, vol.268, 2021 (SCI-Expanded)
- V. **Mechanical and viscoelastic properties of polyethylene-based microfibrillated composites from 100% recycled resources**  
Nofar M., Yenigul B. S., Özdemir B., Kovanci C. Y., Ghanbari A., Jalali A.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.138, no.32, 2021 (SCI-Expanded)
- VI. **Super toughened and highly ductile PLA/TPU blend systems by in situ reactive interfacial compatibilization using multifunctional epoxy-based chain extender**  
Kahraman Y., Özdemir B., Kilic V., Alkan Göksu Y., Nofar M.

## **Metrics**

Publication: 11

Citation (WoS): 20

Citation (Scopus): 53

H-Index (WoS): 3

H-Index (Scopus): 3