

## **Res. Asst. BURCU SARI**

### **Personal Information**

**Email:** sburcu@metu.edu.tr

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### **Education Information**

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Polimer Bilim Ve Teknoloji (Dr), Turkey 2015 - Continues

Postgraduate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Polimer Bilimi Ve Teknolojisi (YI) (Tezli), Turkey 2012 - 2015

Undergraduate, Anadolu University, Faculty Of Engineering-Architecture, Department Of Materials Science And Engineering, Turkey 2007 - 2012

### **Dissertations**

Postgraduate, Properties of polylactide / montmorillonite nanocomposites: Before and after weathering, Middle East Technical University, Graduate School of Natural and Applied Sciences, Polimer Bilimi Ve Teknolojisi (YI) (Tezli), 2015

### **Research Areas**

Metallurgical and Materials Engineering, Material science and engineering, Composites, Polymeric Materials, Biomaterials, Material Characterization, Nanomaterials, Cellulosic Materials

### **Academic Titles / Tasks**

Research Assistant, Middle East Technical University, Graduate School of Natural and Applied Sciences, Polimer Bilim Ve Teknoloji (Dr), 2012 - Continues

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

- I. **Parameters influencing electrospun nanofiber diameter of polylactide incorporated with cellulose nanofibrils and nanocrystals**  
SARI B., KAYNAK C.  
Journal of Thermoplastic Composite Materials, 2024 (SCI-Expanded)
- II. **Accelerated weathering performance of polylactide and its montmorillonite nanocomposite**  
KAYNAK C., SARI B.  
APPLIED CLAY SCIENCE, vol.121, pp.86-94, 2016 (SCI-Expanded)

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

**I. Weathering Degradation of Polylactide / Montmorillonite Nanocomposites**

KAYNAK C., SARI B.

14th International Conference on Nanosciences Nanotechnologies – NN17, Greece, 4 - 07 July 2017

**II. Behavior of Polylactide Montmorillonite Nanocomposites**

SARI B., KAYNAK C.

18th International Metallurgy and Materials Congress - IMMC 2016, İstanbul, Turkey, 29 September - 01 October 2016

## **Metrics**

Publication: 6

Citation (WoS): 39

Citation (Scopus): 44

H-Index (WoS): 2

H-Index (Scopus): 2

## **Awards**

Sarı B., innovate your idea, Sabic, July 2019