Res. Asst. BURCU SARI

Personal Information

Email: sburcu@metu.edu.tr
Web: https://avesis.metu.edu.tr/sburcu

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 (Yl) (Tezli), Turkey 2012 - 2015
Undergraduate, Anadolu University, Faculty Of Engıneerıng-Archıtecture, Department Of Materıals Scıence And Engıneerıng, 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 (Yl) (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, Sabıc, July 2019