

## Res. Asst. MECİD UĞUR DİLBEROĞLU

### Personal Information

**Office Phone:** +90 210 Extension: 5228

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

**Web:** <https://avesis.metu.edu.tr/dugur>

### International Researcher IDs

ScholarID: hhGJ8\_YAAAAJ&hl=en&oi=sra

ORCID: 0000-0003-1607-9182

Publons / Web Of Science ResearcherID: P-8629-2019

ScopusID: 57195805031

Yoksis Researcher ID: 184642

### Research Areas

Non-traditional manufacturing methods, Vehicle Systems Dynamics

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Department of Mechanical Engineering, 2012 - Continues

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

- I. **Adaptive Toolpath Generation for Material Extrusion Additive Manufacturing Using a Nozzle with Rectangular Orifice**  
Gharehpapagh B., Dilberoglu U. M., Yaman U., Dölen M.  
Additive Manufacturing, vol.78, 2023 (SCI-Expanded)
- II. **Current trends and research opportunities in hybrid additive manufacturing**  
Dilberoğlu M. U., Gharehpapagh B., Yaman U., Dölen M.  
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.113, pp.623-648, 2021 (SCI-Expanded)
- III. **Shrinkage compensation approach proposed for ABS material in FDM process**  
Dilberoglu U. M., Simsek S., YAMAN U.  
Materials and Manufacturing Processes, vol.34, no.9, pp.993-998, 2019 (SCI-Expanded)

### Articles Published in Other Journals

- I. **A New Method for Generating Image Projections in DLP-type 3D Printer Systems**  
YAMAN U., DÖLEN M., Dilberoglu U. M., GHAREHPAPAGH B.  
Procedia Manufacturing, vol.11, pp.490-500, 2017 (Scopus)
- II. **The Role of Additive Manufacturing in the Era of Industry 4.0**  
Dilberoglu U. M., GHAREHPAPAGH B., YAMAN U., DÖLEN M.  
Procedia Manufacturing, vol.11, pp.545-554, 2017 (Scopus)

## Refereed Congress / Symposium Publications in Proceedings

### I. Simulator of an additive and subtractive type of hybrid manufacturing system

Dilberođlu M. U., Haseltalab V., Yaman U., Dölen M.

29th International Conference on Flexible Automation and Intelligent Manufacturing, FAIM 2019, Limerick, Ireland, 24 - 28 June 2019, vol.38, pp.792-799

### II. Comprehensive Analysis of the Shrinkage Compensation Approach Proposed for the FDM process

DİLBEROĐLU M. U., SIMSEK Ş., YAMAN U.

International Conference on Flexible Automation and Intelligent Manufacturing, Columbus, United States Of America, 11 - 14 June 2018

## Patent

Dölen M., Yaman U., Gharehpapagh B., Dilberođlu M. U., BİR TOZ YATAĐI ÜZERİNDE ERİYİK FİLAMENT İLE ÜRETİM YÖNTEMİ, Patent, CHAPTER B Implementation of Operations; Transport, The Invention Registration Number: TR 2018 14270 B , Standard Registration, 2019, 2022

Dilberođlu M. U., Buzluk içeren buzdolabı, Patent, CHAPTER F Mechanical engineering; Lighting; Heating; Weaponry; Destroyed Materials, The Invention Registration Number: 2012 06619 , Standard Registration, 2015

## Metrics

Publication: 9

Citation (WoS): 570

Citation (Scopus): 760

H-Index (WoS): 4

H-Index (Scopus): 5