

## Lect. CAN BARIŞ TOPRAK

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Hacettepe University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, Turkey 2018 - Continues

Postgraduate, Beijing University of Science and Technology, School of Automation, Control Engineering, China 2014 - 2016

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Mekatronik Mühendisliği, Turkey 2010 - 2014

### Foreign Languages

English, C1 Advanced

Chinese, A2 Elementary

### Research Areas

Non-traditional manufacturing methods, Mechatronics, Finite Element Methods

### Academic Titles / Tasks

Expert, Gazi University, Araştırma ve Uygulama Merkezleri, Eklemeli İmalat Teknolojileri Araştırma ve Uygulama Merkezi, 2019 - Continues

Lecturer, Gazi University, Mühendislik Fakültesi, Makina Mühendisliği, 2018 - Continues

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

- I. **A Critical Review of Machine Learning Methods Used in Metal Powder Bed Fusion Process to Predict Part Properties**  
Toprak C. B., Doğruer C. U.  
INTERNATIONAL JOURNAL OF PRECISION ENGINEERING AND MANUFACTURING, vol.25, no.10, pp.1-23, 2023 (SCI-Expanded)
- II. **Neuro-fuzzy modelling methods for relative density prediction of stainless steel 316L metal parts produced by additive manufacturing technique**  
Toprak C. B., Doğruer C. U.  
JOURNAL OF MECHANICAL SCIENCE AND TECHNOLOGY, vol.37, pp.1-12, 2022 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Optimizing Truss Dynamics: A Multi-Objective Approach to Modify Natural Frequencies and Mode Shapes with Geometric Constraints**  
Toprak C. B., Doğruer C. U., Yıldırım B.  
Gazi Üniversitesi Fen Bilimleri Dergisi Part C: Tasarım ve Teknoloji, vol.12, pp.354-365, 2024 (Peer-Reviewed Journal)

## Metrics

Publication: 3

Citation (WoS): 3

Citation (Scopus): 3

H-Index (WoS): 1

H-Index (Scopus): 1