

Res. Asst. AHMET ALPER TAŞMEKTEPLİGİL

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-4878-2020

ScopusID: 57373399200

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Education Information

Postgraduate, Istanbul Technical University, Makina, Makina Mühendisliği, Turkey 2018 - 2021

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechanical Engineering, Turkey 2011 - 2016

Research Areas

Computer Graphics, Artificial Intelligence, Computer Learning and Pattern Recognition, Fuzzy Sets and Systems, Human Computer Interaction, Mechanical Engineering, Construction and Manufacturing, Machine Elements, Machine Design, Computer Aided Design and Manufacturing, Non-traditional manufacturing methods, Engineering and Technology

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Embedding lattice structures into ship hulls for structural optimization and additive manufacturing**
Armanfar A., Tasmektepligil A. A., Kılıç R. T., Demir S., Cam S., Karafi Y., Majd B. A. E., Gunpinar E.
Ocean Engineering, vol.301, 2024 (SCI-Expanded)
- II. **A mechanical property prediction system for G-Lattices via machine learning**
Armanfar A., TAŞMEKTEPLİGİL A. A., Üstündağ E., Lazoglu I., Günpinar E.
Engineering Optimization, vol.56, no.12, pp.1999-2017, 2024 (SCI-Expanded)
- III. **SplineLearner: Generative learning system of design constraints for models represented using B-spline surfaces**
Tasmektepligil A. A., Günpinar E.
Advanced Engineering Informatics, vol.51, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Makine Öğrenmesi ile Periodontal Hastalık Risk Tahmini / Periodontal Disease Risk Prediction Via Machine Learning**
SEVİNÇ A. S., AKGÜL Z., GÜNPINAR E., TAŞMEKTEPLİGİL A. A., GÜNPINAR Ş.
Türk Periodontoloji Derneği 50. Uluslararası Bilimsel Çevrim içi Kongresi, Turkey, 05 November 2021

Supported Projects

Akgün G., Günpınar E., Dođan K. M., Tařmektepligil A. A., Project Supported by Higher Education Institutions, Additive Manufacturing of Low-Cost and Enhanced Mechanical Properties with Regional Multi-Material Application, 2021 - 2023
Günpınar E., TUBITAK Project, Müřteri Tercihini ve Araç Sürüklenme Katsayısını Dikkate Alarak Araba Yan Profilinin İnteraktif Olarak Tasarımı, 2016 - 2018

Metrics

Publication: 4

Citation (Scopus): 16

H-Index (Scopus): 2