

ALP ŞIK

Personal Information

Email: alp.s12@hacettepe.edu.tr
Web: <https://avesis.hacettepe.edu.tr/alp.s12>

International Researcher IDs

ORCID: 0000-0001-5450-8238
Yoksis Researcher ID: 301625

Research Areas

Solid Mechanics, Finite Element Methods

Academic Titles / Tasks

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Makina Mühendisliği Bölümü, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Experimental and analytical investigation of the tensile behavior of 3D-printed composites based on micro-CT analysis**
ŞIK A., TANABI H., ÇUBUKÇU H. E., SABUNCUOĞLU B.
Journal of Thermoplastic Composite Materials, 2023 (SCI-Expanded)
- II. **Development of a procedure to model the mechanical behavior of composites with embedded element method by considering the matrix non-linearity**
ŞIK A., GÜRSİN E., SABUNCUOĞLU B.
COMPOSITE STRUCTURES, vol.259, 2021 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Development of a modeling strategy to improve the embedded element method in composites modeling in case of matrix nonlinearity**
ŞIK A., GÜRSİN E., SABUNCUOĞLU B.
Fibremod Conference, Leuven, Belgium, 9 - 12 December 2019

Supported Projects

SABUNCUOĞLU B., TANABİ H., ŞIK A., Project Supported by Higher Education Institutions, Üç boyutlu baskı yöntemiyle üretilen kırılmış cam elyaf kompozitlerin MicroCT analizi ile iç yapısının incelenerek mekanik davranışının belirlenmesi, 2020 - 2022

Metrics

Publication: 3

Citation (Scopus): 4

H-Index (Scopus): 1