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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: T-7062-2019

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Education Information

Doctorate, University of Wisconsin - Madison, Faculty of Engineering, Mechanical Engineering, United States Of America
2014 - 2018

Postgraduate, University of Wisconsin - Madison, Faculty of Engineering, Mechanical Engineering, United States Of
America 2012 - 2014

Research Areas

Construction and Manufacturing, Mechanical

Academic Titles / Tasks

Assistant Professor, Abdullah Gul University, Mühendislik Fakültesi, Makine Mühendisliği, 2020 - Continues

Lecturer PhD, Mus Alparslan University, Faculty Of Engineering-Architecture, Department Of Mechanical Engineering,
2018 - 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Ineffectiveness of flood cooling in reducing cutting temperatures during continuous machining**
KESRİKLİOĞLU S.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.122, no.9-10, pp.3957-3968, 2022
(SCI-Expanded)
- II. **Characterization of Tool-Chip Interface Temperature Measurement With Thermocouple Fabricated Directly on the Rake Face**
Kesriklioglu S., Arthur C., Morrow J. D., Pfefferkorn F. E.
JOURNAL OF MANUFACTURING SCIENCE AND ENGINEERING-TRANSACTIONS OF THE ASME, vol.141, no.9, 2019
(SCI-Expanded)
- III. **Prediction of Tool-Chip Interface Temperature in Cryogenic Machining of Ti-6Al-4V: Analytical Modeling and Sensitivity Analysis**
Kesriklioglu S., Pfefferkorn F. E.
JOURNAL OF THERMAL SCIENCE AND ENGINEERING APPLICATIONS, vol.11, no.1, 2019 (SCI-Expanded)
- IV. **Tool-Chip Interface Temperature Measurement in Interrupted and Continuous Oblique Cutting**
Kesriklioglu S., Morrow J. D., Pfefferkorn F. E.

Articles Published in Other Journals

- I. **Comparison of Ensemble and Base Learner Algorithms for the Prediction of Machining Induced Residual Stresses in Turning of Aerospace Materials**
Buyrukoğlu S., Kesriklioglu S.
BİTLİS EREN UNIVERSITY JOURNAL OF SCIENCE, vol.11, no.3, pp.861-879, 2022 (Peer-Reviewed Journal)
- II. **A parametric study for drilling high quality holes on glass fiber composites**
Kesriklioglu S., Yilmaz Ç.
Journal of Advances in Manufacturing Engineering, vol.1, no.3, pp.26-32, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Real time temperature measurement with embedded thin-film thermocouples in milling**
KESRİKLİOĞLU S., PFEFFERKORN F. E.
Procedia CIRP, 25 - 27 June 2018, vol.77, pp.618-621
- II. **Tool-chip interface temperature measurement in interrupted and continuous oblique cutting**
Kesriklioglu S., Morrow J. D., Pfefferkorn F. E.
ASME 2017 12th International Manufacturing Science and Engineering Conference, MSEC 2017 collocated with the JSME/ASME 2017 6th International Conference on Materials and Processing, California, United States Of America, 4 - 08 June 2017, vol.3

Supported Projects

Yılmaz Ç., KESRİKLİOĞLU S., TUBITAK Project, Optimization of Machining Parameters for S2-glass and Basalts Fiber Reinforced Thermoset Composites with Acoustic Emission and Milling Tool Embedded with Thin Film Thermocouple, 2021 - 2024

Scientific Refereeing

JOURNAL OF MATERIALS PROCESSING TECHNOLOGY, Journal Indexed in SCI-E, January 2019

Metrics

Publication: 8
Citation (WoS): 21
Citation (Scopus): 18
H-Index (WoS): 3
H-Index (Scopus): 2