

Res. Asst. PhD MURAT ŞEN

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-4862-2019

ScopusID: 57219113844

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Education Information

Doctorate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Department of Mechanical Engineering (Eng), Turkey 2017 - 2023

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Makine Mühendisliği, Turkey 2015 - 2017

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği Bölümü, Turkey 2009 - 2014

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Mechanical Engineering, Construction and Manufacturing, Mechanical

Academic Titles / Tasks

Research Assistant PhD, Marmara University, Faculty of Technology, Mechanical Engineering, 2023 - Continues

Research Assistant, Marmara University, Faculty of Technology, Mechanical Engineering, 2016 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Micro drilling characterization of the carbon and carbon-aramid (hybrid) composites**
Şen M., Eryılmaz O., Bakır B.
POLYMER COMPOSITES, vol.45, pp.5449-5459, 2024 (SCI-Expanded)
- II. **Comparison between laser and TIG welding of electron beam melted Ti6Al4V parts**
ŞEN M., KURT M.
Materialprüfung/Materials Testing, vol.65, no.12, pp.1776-1785, 2023 (SCI-Expanded)
- III. **Laser and TIG welding of additive manufactured Ti-6Al-4V parts**

ŞEN M., KURT M.

MATERIALS TESTING, vol.64, no.5, pp.656-666, 2022 (SCI-Expanded)

IV. **Effects of process parameters on the formability of sheet metal during plastic injection forming**

ŞEN M., ŞENER B., ALTAN M.

MATERIALS TESTING, vol.62, no.5, pp.535-543, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. **Sac Metallerin Şekillendirilmesinde Farklı bir Uygulama: Plastik Enjeksiyon Kalıplamada Akışkan Basıncıyla Alüminyum Sacın Şekillendirilmesi**

Şen M., Altan M.

Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.32, pp.241-252, 2017 (Peer-Reviewed Journal)

II. **Plastik Enjeksiyon Kalıplama Yöntemi ile Sac Metallerin Şekillendirilebilirliğinin İncelenmesi**

Şen M., Altan M.

Marmara Fen Bilimleri Dergisi, vol.8, pp.39-47, 2017 (Peer-Reviewed Journal)

III. **Investigation with Taguchi method of the effects of the robot-controlled induction hardening parameters on surface hardness of sheet metal moulds**

Yıldırım E., Çebi H., ŞEN M., Yılmaz E. S.

PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.23, no.1, pp.15-23, 2017 (ESCI)

IV. **Çift Fazlı Çeliklerden Üretilen Otomotiv Sac Parçalarının Dizaynında Geri Esnemeyi Optimize Edebilmek İçin Sac Kalınlığına Bağlı Olarak Büküm Radyüslerinin Belirlenmesi**

Şen M., Yıldırım E., Çebi H., Özdemir C.

Electronic Journal of Machine Technologies, vol.12, no.2, pp.75-95, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Investigation of the Effects of Intelligent Machine Features in Cnc Machines Used in High Precision Machining on Form Errors in the Machining of Freeform Surfaces**

Bakır B., Şen M., Aydın O.

1. Bilsel International Korykos Scientific Researches and Innovation Congress, Mersin, Turkey, 27 - 28 January 2024, pp.622-635

II. **Analysis of the Forces And Vibrations Effecting on Cutting Tool in the Micro Drilling of Ti-6Al-4V Material Produced by EBM Method**

Acer S., Bakır B., Atakök G., Şen M.

8th International Congress on Architecture and Design, İstanbul, Turkey, 26 November 2022, pp.1-5

Metrics

Publication: 10

Citation (WoS): 1

Citation (Scopus): 1

H-Index (WoS): 1

H-Index (Scopus): 1

Non Academic Experience

Yıldız Kalıp A.Ş.