

Personal Information

Email: dizdark@itu.edu.tr

Web: <https://avesis.itu.edu.tr/dizdark>

International Researcher IDs

ScholarID: 9FCUtNIAAAJ

ORCID: 0000-0003-3306-9197

ScopusID: 57467040100

Yoksis Researcher ID: 313507

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Recycling of additive manufactured AlSi10Mg and its effect on mechanical properties**
Coskun M., Dizdar K. C., Tarakci G., Ozer G., Dışpınar D.
MATERIALS CHEMISTRY AND PHYSICS, vol.289, 2022 (SCI-Expanded)
- II. **Determination of effect of hydrogen on strength of aluminum by MD simulation**
Tigli A., Sahin H., Dizdar K. C., Dışpınar D.
APPLIED PHYSICS A-MATERIALS SCIENCE & PROCESSING, vol.128, no.9, 2022 (SCI-Expanded)
- III. **Investigation of effect of conformal cooling inserts in high-pressure die casting of AlSi9Cu3**
Karakoc C., Dizdar K. C., Dışpınar D.
INTERNATIONAL JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY, vol.121, no.11-12, pp.7311-7323, 2022 (SCI-Expanded)
- IV. **Weibull analysis evaluation of Ti, B, Nb and MTS grain refined Al11Si alloy**
Aydoğan F., Dizdar K. C., Sahin H., Mentese E., Dışpınar D.
MATERIALS CHEMISTRY AND PHYSICS, vol.287, 2022 (SCI-Expanded)
- V. **Polymer-derived ceramic molten metal filters**
Semerci T., Dizdar K. C., Kulkarni A., Dışpınar D., Soraru G. D., Vakıfahmetoglu C.
JOURNAL OF MATERIALS SCIENCE, vol.57, no.31, pp.14723-14734, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Mechanical Property Comparison of Al11Si Wheels Grain Refined by Ti, Nb and MTS**
Aydoğan F., Dizdar K. C., Şahin H., Mentese E., Dışpınar D.
ARCHIVES OF FOUNDRY ENGINEERING, vol.22, no.4, pp.14-18, 2022 (ESCI)
- II. **Processing of Boron Nitride Nanotubes Reinforced Aluminum Matrix Composite**
Nemutlu B., Kahraman O., Demirel K. B., Erkul I., Cicek M., Sahin H., Dizdar K. C., Dışpınar D.
ARCHIVES OF FOUNDRY ENGINEERING, vol.22, no.2, pp.5-10, 2022 (ESCI)
- III. **Flaw Detection of Cast-Steel Safety Parts in Automotive Application**
Dizdar K. C., Sahin H., Ardicli M., Dışpınar D.
ARCHIVES OF FOUNDRY ENGINEERING, vol.22, no.1, pp.13-17, 2022 (ESCI)

Books & Book Chapters

I. Characterization of Casting Properties of Rare Earth Modified A356

Dizdar K. C., Şahin H., Tezer F., Dişpınar D.

in: Aluminium Alloys: Design and Development of Innovative Alloys, Manufacturing Processes and Applications, Giulio Timelli, Editor, IntechOpen, London, pp.71-86, 2022

Refereed Congress / Symposium Publications in Proceedings

I. Effect of Heat Treatment on Mechanical Properties of Er-, Dy-, and Eu-Modified A356 Alloy

Ernam O., Sekban T., Tugan O., Dizdar K. C., Sahin H., Dişpınar D.

Light Metals Symposium held at the TMS Annual Meeting and Exhibition, 2022, California, United States Of America, 27 February - 03 March 2022, pp.785-789

Supported Projects

Arisoy C. F., Ateş S., Dizdar K. C., Erasmus Project, Skills and competencies for a Circular Human Resources Management in the Foundry Sector, 2020 - 2022

Metrics

Publication: 13

Citation (WoS): 1

Citation (Scopus): 11

H-Index (WoS): 1

H-Index (Scopus): 2