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Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, --, Turkey 2016 - 2020
Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Sivil Havacılık Anabilim Dalı, Turkey 2014 - 2016
Undergraduate, Erciyes University, Sivil Havacılık Yüksekokulu, Uçak Gövde Motor Bölümü, Turkey 2010 - 2014

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Mechanical Engineering, Construction and Manufacturing, Tribology, Aeronautical and Space Engineering, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Erciyes University, Havacılık ve Uzay Bilimleri Fakültesi, Uçak Gövde ve Motor Bakımı, 2015 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Investigation of Microstructure of Aluminum Based Composite Material Obtained by Mechanical Alloying**
ERTURUN V., Cetin S., ŞAHİN O.
METALS AND MATERIALS INTERNATIONAL, vol.27, no.6, pp.1662-1670, 2021 (SCI-Expanded)

II. **Investigation of Microstructural Evolution in Ball-Milling of SiC Reinforced Aluminum Matrix Composites**
Erturun V., Şahin O.
POWDER METALLURGY AND METAL CERAMICS, vol.57, pp.687-696, 2019 (SCI-Expanded)

III. **The Effect of Magnesium Additives on Aluminum-Based Composites Structure**

ŞAHİN O., ERTURUN V.
POWDER METALLURGY AND METAL CERAMICS, vol.57, pp.384-390, 2018 (SCI-Expanded)

Articles Published in Other Journals

I. **The effect of ball milling on crystallite size**
Şahin O., Erturun V.
The Academic Perspective Procedia, vol.3, no.1, pp.543-549, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **Effect of High Energy Ball Milling to Metal Matrix Composite**
Erturun V., Şahin O.
Turkeytrib 2020, İstanbul, Turkey, 17 - 19 December 2020, pp.26-32
II. **Investigation of The Effect of Disc Burnishing Technique on Micro Hardness**
Çelik M., Çaydaş U., Akyüz M., Şahin O.
2nd International Turkish World Engineering and Science Congress, Antalya, Turkey, 7 - 10 November 2019, pp.552-557
III. **ALÜMİNYUM ESASLI SiC TAKVİYELİ KOMPOZİT MALZEMENİN MEKANİK ALAŞIMLAMA YÖNTEMİYLE ÜRETİLMESİ VE ÖZELLİKLERİNİN İNCELENMESİ**
Çetin S., ŞAHİN O., ERTURUN V.
International Conference on Multidisciplinary Sciences (icomus), İstanbul, Turkey, 15 - 16 December 2018, pp.28
IV. **INVESTIGATION OF WING CONNECTIONS OF VTOL UAV**
ŞAHİN O., Yazar E., ACAR E., UZUN M.
II. Uluslararası Multidisipliner Çalışmaları Kongresi, Adana, Turkey, 4 - 05 May 2018, pp.526-541
V. **Effect of Magnesium Amount on Microstructure Properties of Ballmilled Aluminum Based Composite**
ŞAHİN O., ERTURUN V.
BalkanTRib'xx17, 13 - 15 September 2017, pp.116

Supported Projects

ERTURUN V., ŞAHİN O., Project Supported by Higher Education Institutions, Yüksek Enerjili Bilyeli Öğütme ile SiC Takviyeli AlCuMg Karışımının Mekanik Olarak Alaşımlanması Kompozit Malzeme Üretilmesi ve Mikroyapı Özelliklerinin Araştırılması, 2018 - 2021

Metrics

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