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International Researcher IDs

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Publons / Web Of Science ResearcherID: HNB-7254-2023

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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Metallurgical and Materials Engineering, Turkey 2015 - 2021

Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Metallurgical and Materials Engineering, Turkey 2013 - 2015

Undergraduate, Atilim University, Faculty Of Engineering, Department Of Metallurgical And Materials Engineering, Turkey 2007 - 2013

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Structure property relationship of high boron cast alloy steel , Gazi University, Fen Bilimleri Enstitüsü, Metallurgical and Materials Engineering, 2021

Postgraduate, Effect of low temperature isothermal heat treatments on microstructure and mechanical properties of high silicon steel , Gazi University, Fen Bilimleri Enstitüsü, Metallurgical and Materials Engineering, 2015

Research Areas

Testing and Control of Materials, Mechanical Properties, Thermal Treatment, Material Characterization, Structure-Property Relationship, Iron and Steel Production, Powder Metallurgy

Academic Titles / Tasks

Lecturer PhD, Ankara University, 1. Organize Sanayi Bölgesi Meslek Yüksekokulu, Elektronik ve Otomasyon Bölümü, 2023 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Impact toughness improvement of high boron-chromium steel by different isothermal heat treatment durations**
MURATHAN Ö. F., KOCATEPE K., ERDOĞAN M.
MATERIALS TESTING, vol.65, no.7, pp.1015-1024, 2023 (SCI-Expanded)
- II. **Effect of ultra-high boron additions on microstructure and mechanical properties on high chromium steel**
Murathan Ö. F., KOCATEPE K., ERDOĞAN M.
MATERIALS TESTING, vol.64, no.12, pp.1836-1842, 2022 (SCI-Expanded)
- III. **Effect of isothermal heat treatments under M-s temperature on the microstructures and mechanical properties of commercial high-silicon spring steel**
Murathan Ö. F., KILIÇLI V.
MATERIALS TESTING, vol.64, no.8, pp.1112-1121, 2022 (SCI-Expanded)
- IV. **Effect of austenitizing temperatures on the microstructure and mechanical properties of AISI 9254 steel**
Murathan Ö. F., Davut K., KILIÇLI V.
MATERIALS TESTING, vol.63, no.1, pp.48-54, 2021 (SCI-Expanded)
- V. **Multiwalled boron nitride microtubes (BNMTs) shielding in thermal neutron absorbing**
Arslan K., Seval H. K., Murathan Ö. F., Soysal K.
RADIATION EFFECTS AND DEFECTS IN SOLIDS, vol.173, no.7-8, pp.555-566, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Use of Industrial Wastes in Clay Based Brick**
Murathan Ö. F.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, no.2, pp.871-875, 2023 (ESCI)
- II. **Investigation of Thermal Characteristic, Surface Morphology, Mechanical Properties and Tribological Properties of Polyamide 11 Powder Coating**
Kevran S., Murathan Ö. F.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.24, no.2, pp.401-408, 2021 (ESCI)
- III. **The effect of high boron additions on the microstructure of cast steel**
MURATHAN Ö. F., KOCATEPE K., ERDOĞAN M.
BOR DERGİSİ, vol.5, no.2, pp.108-114, 2020 (Peer-Reviewed Journal)
- IV. **Nano Bainitic Steels**
MURATHAN Ö. F., KILIÇLI V.
Politeknik Dergisi, vol.19, no.2, pp.115-128, 2016 (Peer-Reviewed Journal)