Lect. AHMET SEFA ATALAY

Personal Information

Email: ahmet.atalay@kocaeli.edu.tr
Web: https://avesis.kocaeli.edu.tr/ahmet.atalay

International Researcher IDs
ORCID: 0000-0002-4557-5997
Publons / Web Of Science ResearcherID: AAR-7210-2020
Yoksis Researcher ID: 294411

Education Information

Doctorate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Metallurgical and Materials Engineering, Turkey 2017 - Continues
Postgraduate, Sakarya University, Institute Of Scıence, Metallurgical and Materials Engineering, Turkey 2014 - 2016
Undergraduate, Sakarya University, Faculty Of Engıneerıng, Department Of Metallurgıcal And Materıals Engıneerıng, Turkey 2010 - 2014

Research Areas

Metallurgical and Materials Engineering

Academic Titles / Tasks

Lecturer, Kocaeli University, Uzunçiftlik Nuh Çimento Meslek Yüksekokulu, Makine ve Metal Teknolojileri, 2020 - Continues

Courses

Materials Technology-2, Associate Degree, 2022 - 2023
Basic Forming Operations at Welding, Associate Degree, 2022 - 2023
Welding Inspection Methods, Associate Degree, 2022 - 2023
Non-Destructive Testing, Associate Degree, 2022 - 2023
Chipless Forming, Associate Degree, 2022 - 2023
Manufacturing Methods, Associate Degree, 2022 - 2023
Basic Manufacturing Operations, Associate Degree, 2022 - 2023
Manufacturing Processes-3, Associate Degree, 2022 - 2023
Materials Technology-1, Associate Degree, 2022 - 2023
Heat Treatment Technologies, Associate Degree, 2022 - 2023
Materials Inspection Methods, Associate Degree, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

I. **First-principles investigation of optical properties of AlFe(2-x)MxB2 (x= 0–1), (M= Cr, V) intermetallic compounds**
Atalay A. S., Derin C. B., Feizi Khanghah M.
Computational Condensed Matter, vol.32, pp.1-7, 2022 (SCI-Expanded)

Articles Published in Other Journals

I. **Investigation of wear behavior of two dıifferent types coatings by using cored wire with arc spray technique**
Atalay A. S.
Sakarya Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.22, no.2, pp.203-209, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **The Effect of Mn Substitution on Mechanical Properties of AlCr2B2: An Computational Investigation**
Atalay A. S., Derin C. B.
3rd International Materials Technologies and Metallurgy Conference (MTM 2023), İstanbul, Turkey, 11 - 13 October 2023, pp.40

Metrics

Publication: 3