

Res. Asst. ALAADDİN CEM OK

Personal Information

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International Researcher IDs

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Biography

Alaaddin Cem OK, who started to work as a Research Assistant at Marmara University Metallurgical and Materials Engineering Department of Production Metallurgy in 2018, graduated from Istanbul Technical University Metallurgy and Materials Engineering with a bachelor's degree in 2015. In 2018, he graduated from ITU Metallurgical and Materials Engineering Department- Production Metallurgy and Technologies Engineering master's program with his master's thesis titled "Boriding of Gear Steel by CRTD-Bor Method". He is doing his Phd at Marmara University Metallurgical and Materials Engineering.

Education Information

Doctorate, Marmara University, Faculty of Engineering, Metallurgical and Material Engineering, Turkey 2018 - Continues
Postgraduate, Istanbul Technical University, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 2015 - 2018

Undergraduate, Istanbul Technical University, Kimya-Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 2010 - 2015

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, BORIDING of TRANSMISSION GEAR STEEL via CRTD-BOR, Istanbul Technical University, Kimya-Metalurji, Metalurji Ve Malzeme Mühendisliği, 2018

Research Areas

Renewable energy, Semiconductor and Superconductor Materials, Corrosion and Corrosion Protection, Metallic Materials, Electrometallurgy

Academic Titles / Tasks

Research Assistant, Marmara University, Faculty of Engineering, Metallurgical and Material Engineering, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synthesizing of SnS₂ photocatalyst from SnO₂ powders by thermal sulfurization with varying temperature (400 °C and 500 °C) and time**
OK A. C., SARIOĞLU C.
International Journal of Hydrogen Energy, vol.52, pp.561-568, 2024 (SCI-Expanded)
- II. **Investigation on structural and tribological properties of borided gear steel after phase homogenization**
Arslan M., Ok A. C., Kartal Şireli G., Timur S. İ.
Surface and Coatings Technology, vol.429, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Synthesis of SnS₂ Photocatalyst for Photocatalytic Hydrogen Production**
Ok A. C., Sarioğlu C.
23rd World Hydrogen Energy Conference, İstanbul, Turkey, 26 - 30 June 2022, pp.44
- II. **Improving Service Performance of Piston Ring via CRTD-Bor**
Ok A. C., Kartal Şireli G., Timur S. İ.
19th International Metallurgy and Materials Congress, İstanbul, Turkey, 25 - 27 October 2018, pp.1234-1237
- III. **Improving Service Performance Of Gear Steels Via Crtd-Bor**
OK A. C., KARTAL ŞİRELİ G., TİMUR S. İ.
International Materials Technologies and Metallurgy Conference 2017, 26 - 27 October 2017

Metrics

Publication: 6

Citation (Scopus): 10

H-Index (Scopus): 1

Non Academic Experience

Bayreuth Üniversitesi Kristalografi Laboratuvarı