

# Mehtap Arslan

## Personal Information

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## Education Information

Postgraduate, Istanbul Technical University, Kimya-Metalurji, Metalurji Ve Malzeme Mühendisliği, Turkey 2018 - Continues

## Foreign Languages

English, B2 Upper Intermediate

German, B1 Intermediate

## Research Areas

Material science and engineering, Production Metallurgy

## Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Kimya-Metalurji, Metalurji Ve Malzeme Mühendisliği, 2019 - Continues

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Evaluation of pulse current integrated CRTD-Bor for boron diffusion in low carbon steel**  
Arslan M., Coşkun O. K. , Karimzadehkhoei M., Kartal Şireli G., Timur S.  
MATERIALS LETTERS, vol.308, 2022 (Journal Indexed in SCI)
- II. **Investigation on structural and tribological properties of borided gear steel after phase homogenization**  
Arslan M., Ok A. C. , Kartal Şireli G., Timur S.  
SURFACE & COATINGS TECHNOLOGY, vol.429, 2022 (Journal Indexed in SCI)
- III. **Investigating Growth of Iron Borides with the Formation of Monolithic Fe<sub>2</sub>B Layer on AISI 304 Stainless Steel via Cathodic Reduction and Thermal Diffusion-Based Boriding**  
Arslan M., Karimzadehkhoei M., Kartal Şireli G., Coskun O. K. , Sert M., Timur S.  
JOURNAL OF MATERIALS ENGINEERING AND PERFORMANCE, 2021 (Journal Indexed in SCI)

## Citations

Total Citations (WOS):1

h-index (WOS):1