

## Lect. AKAY NEVCANOĞLU

### Personal Information

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### International Researcher IDs

ScholarID: CeyCDqIAAAAJ

ORCID: 0000-0001-7115-2077

Publons / Web Of Science ResearcherID: ABD-4063-2020

ScopusID: 57226669989

Yoksis Researcher ID: 237784

### Education Information

Postgraduate, Marmara University, Faculty of Technology, Metallurgical and Materials Engineering, Turkey 2015 - 2019

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Occupational Health and Safety, İŞ GÜVENLİĞİ UZMANLIĞI BELGESİ (B SINIFI), T.C. ÇALIŞMA ve SOSYAL GÜVENLİK BAKANLIĞI, 2014

### Dissertations

Postgraduate, TIG Kaynağı Yöntemi İle Birleştirilmiş Inconel 718 Süper Alaşım Malzemenin Kaynak Sonrası Özelliklerinin İncelenmesi, Marmara University, Faculty of Technology, Metallurgical and Materials Engineering, 2019

### Research Areas

Metallurgical and Materials Engineering, Material science and engineering, Testing and Control of Materials, Mechanical Properties, Electrical and Magnetic Properties, Joining and Cutting, Nondestructive Testing, Thermal Treatment, Material Characterization, Mechanical Metallurgy, Engineering and Technology

### Academic Titles / Tasks

Lecturer, Marmara University, Faculty of Technology, Metallurgical and Materials Engineering, 2015 - Continues

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

- I. **The Effect of Aging Heat Treatments on Room and High-Temperature Wear Performance of the Inconel 718™ Manufactured by Laser Powder Bed Fusion**  
NEVCANOĞLU A., Aydemir B., GÜLSOY H. Ö.  
Arabian Journal for Science and Engineering, 2024 (SCI-Expanded)
- II. **The Effect of TIG Welding Parameters and Automatization for Non-Heat Treated Inconel 718 Sheets**  
Nevcanoğlu A., Bozkurt Y., Salman S.  
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.46, no.12, pp.12613-12623, 2021 (SCI-Expanded)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **The Effect of Boron Addition on The Microstructure and Mechanical Properties of HCx Tool Steel**  
GÜLSOY H. Ö., NEVCANOĞLU N. Ş., NEVCANOĞLU A.  
21. Uluslararası Metalurji ve Malzeme Kongresi (IMMC 22'), İstanbul, Turkey, 06 October 2022, pp.464-469
- II. **THE EFFECT OF MAGNESIUM OXIDE ADDITIVE ON THE SINTERABILITY, MICROSTRUCTURAL AND MECHANICAL PROPERTIES OF HYDROXYAPATITE**  
NEVCANOĞLU A., ALGAN O., PAZARLIOĞLU S. S., SALMAN S.  
IMSMATEC 2019, 21 - 23 June 2019
- III. **Investigation of Microstructure and Hardness Properties of Inconel 718 Material Combined With TIG Welding After Aging Heat Treatments**  
NEVCANOĞLU A., PAZARLIOĞLU S. S., SALMAN S.  
IMSMATEC 2019, 21 - 23 June 2019
- IV. **MAGNEZYUM OKSİT İLAVESİNİN HİDROKSİAPATİTİN SİNTERLENEBİLME, MİKROYAPISAL VE MEKANİK ÖZELLİKLERİNE ETKİSİ**  
NEVCANOĞLU A., SALMAN S., PAZARLIOĞLU S. S., ALGAN O.  
IMSMATEC19, 21 - 23 June 2019
- V. **TIG Kaynağı ile Birleştirilmiş Inconel 718 Malzemenin Yaşlandırma Isıl İşlemleri Sonrasında Mikroyapı ve Sertlik Özelliklerinin İncelenmesi**  
NEVCANOĞLU A., SALMAN S., PAZARLIOĞLU S. S.  
IMSMATEC2019, 21 - 23 June 2019

### **Supported Projects**

Pazarlıoğlu S. S., Nevcanoğlu A., Salman S., Project Supported by Higher Education Institutions, TIG Kaynağı Yöntemi İle Birleştirilmiş Inconel 718 Süper Alaşım Malzemenin Kaynak Sonrası Özelliklerinin İncelenmesi, 2018 - 2019

### **Metrics**

Publication: 7  
Citation (WoS): 2  
Citation (Scopus): 2  
H-Index (WoS): 1  
H-Index (Scopus): 1

### **Congress and Symposium Activities**

IMSMATEC19', Working Group, Nevşehir, Turkey, 2019

## **Non Academic Experience**

PERMAK A.Ş.

HACI AYVAZ A.Ş.