Res. Asst. Kübilay ÖZTÜRK

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Education Information

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Metalürji Ve Malzeme Mühendisliği, Turkey 2017 - Continues
Undergraduate Double Major, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği, Turkey 2014 - 2018
Undergraduate, Yildiz Technical University, Faculty Of Chemıcal And Metallurgıcal Engıneerıng, Metalürji Ve Malzeme Mühendisliği, Turkey 2012 - 2017

Research Areas

Material science and engineering, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Kimya Metalurji Fakültesi, Metalurji Ve Malzeme Mühendisliği, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Investigation of the effects of supporting material modification on the nucleation behavior of Pt catalysts**
Özdemir J. H., Erol M., Öztürk K., Özdemir O. K.
International Journal of Hydrogen Energy, vol.48, no.60, pp.22967-22977, 2023 (SCI-Expanded)

II. **Precipitation of carbides in a nickel-based cast heat-resistant alloy during thermal exposure: Evolution of microstructure, hardness and corrosion properties**
Öztürk K., Kısasöz A., Özer G., Karaaslan A.
Materialpruefung/Materials Testing, vol.65, no.2, pp.233-243, 2023 (SCI-Expanded)

III. **Microstructure, wear and corrosion characteristics of multiple-reinforced (SiC-B4C-Al2O3) Al matrix composites produced by liquid metal infiltration**
Öztürk K., Gecü R., Karaaslan A.
CERAMICS INTERNATIONAL, vol.47, no.13, pp.18274-18285, 2021 (SCI-Expanded)

IV. **Preform-Based Production of Al2O3-Reinforced Aluminium Matrix Composites by Using Various Modification Techniques**
Öztürk K., Gecü R., Karaaslan A.

Metals and Materials International, 2019 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. **Production of Hybrid Reinforced AA7075 Matrix Composite with Investment Casting**
Öztürk K., Karaaslan A.
9th International Aluminium Symposium, İstanbul, Turkey, 10 - 11 October 2019, pp.170-173

II. **Effect of Preform Binders on the Properties of AA7075 Matrix Composites**
ÖZTÜRK K., KISASÖZ A., KARAASLAN A.
19th International Metallurgy and Materials Congress, İstanbul, Turkey, 25 October 2018, pp.265-268

III. **Fabrication of AA7075-SiCp Composite**
ÖZTÜRK K., KISASÖZ A., KARAASLAN A.
1st International Symposium on Light Alloys and Composite Materials, Karabük, Turkey, 22 March 2018, pp.273

Metrics

Publication: 7
Citation (WoS): 19
Citation (Scopus): 39
H-Index (WoS): 2
H-Index (Scopus): 3

Awards

Öztürk K., 2016-2017 Eğitim Öğretim Yılı Kimya-Metalürji Fakülte 3.lüğü, Mezuniyet Töreni, June 2017
Öztürk K., 2016-2017 Eğitim Öğretim Yılı Metalürji ve Malzeme Mühendisliği Bölüm 1.liği, Mezuniyet Töreni, June 2017