

Asst. Prof. Berk KESKİN

Personal Information

Web: <https://avesis.medipol.edu.tr/bkeskin>

International Researcher IDs

ORCID: 0000-0003-3640-2805

Publons / Web Of Science ResearcherID: ADR-2743-2022

ScopusID: 57772992500

Yoksis Researcher ID: 231800

Education Information

Doctorate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Metalurji Ve Malzeme Mühendisliği (Dr), Turkey
2013 - 2022

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği (YI) (Tezli), Turkey
2009 - 2013

Undergraduate, Sakarya University, Mühendislik Fakültesi, Metalurji Ve Malzeme Mühendisliği Bölümü, Turkey 2003 -
2009

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Sıcak filaman kimyasal buhar biriktirme yöntemi ile TaC üretimi ve karakterizasyonu, Istanbul Technical
University, Fen Bilimleri Enstitüsü, Malzeme Bilimi Ve Mühendisliği (YI) (Tezli), 2011

Research Areas

Intermetallics, Physical Metallurgy, Metallic Materials

Courses

Mukavemet 1, Associate Degree, 2022 - 2023

Malzeme Bilgisi, Associate Degree, 2021 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

1. Thermodynamic analysis of production parameters and microstructural evolution in shape memory
Ni(50-x)Ti(50)Fe(x) (x = 5, 10) alloy synthesized by combustion synthesis
KESKİN B., Derin C. B.

Applied Physics A: Materials Science and Processing, vol.130, no.3, 2024 (SCI-Expanded)

II. Synthesis and Microstructure Investigation of Ni₄₀Ti₅₀Cu₁₀ Intermetallic Shape Memory Alloys by Self-Propagating Combustion Method

Keskin B., Bassani P., Bakan F., Sezen M., Derin C. B.

Transactions of the Indian Institute of Metals, vol.75, no.11, pp.2749-2758, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. THE EFFECT OF LOW-LEVEL ADDITION OF CU AND FE TOGETHER ON MARTENSITIC TRANSFORMATION AND MICROSTRUCTURE IN THE NITI INTERMETALLIC

Keskin B., Başlayıcı S., Derin C. B.

3rd International Natural Science, Engineering and Material Technologies Conference, Gazimagusa, Cyprus (Kkctc), 21 - 23 September 2023, pp.54

II. SHS as Possible Alternative Production Route for Ni₅₀-XTi₅₀Cu_X SMA: Advantages and Limitations (Invited Lecture)

Bassani P., Bassani E., KESKİN B., DERİN C. B.

IMMC 2018 19th International Metallurgy Materials Congress, İstanbul, Turkey, 25 - 27 October 2018, vol.1, pp.202-205

III. NiTi Cu Shape Memory Alloys Produced by Combustion Synthesis

KESKİN B., DERİN C. B., SEZEN M., BAKAN F., Bassani P.

IMMC 2016- 18th International Metallurgy & Materials Congress, 29 September - 01 October 2016, pp.348-350

IV. University Based Research Studies aided by FactSage Simulation Program II

DERİN C. B., RÜŞEN A., KESKİN B., Bassani P.

GTT Annual Workshop 2015, Herzogenrath, Germany, 1 - 03 July 2015, pp.1