

2021 Yılı Yayınları

- O Karaduman, İ Özkul, CA Canbay, 2021. Shape memory effect characterization of a ternary CuAlNi high temperature SMA ribbons produced by melt spinning method, *Advanced Engineering Science* 1 (1), 26-33. <https://doi.org/10.1007/s40831-021-00001>
- O Karaduman, İ Özkul, CA Canbay, 2021. Kinetic and structural study on CuAlMnNi shape memory alloy with a novel composition, *Advanced Engineering Science* 1 (1), 13-19. <https://doi.org/10.1007/s40831-021-00002>
- CA Canbay, G Başbağ, O Karaduman, M Boyrazlı, 2021. Magnesium Effect on Characteristic Properties of Cu-based Smart Materials, *Journal of Materials and Electronic Devices* 2 (1), 19-23. <https://doi.org/10.1007/s40831-021-00003>
- CA Canbay, O Karaduman, 2021. The photo response properties of shape memory alloy thin film based photodiode, *Journal of Molecular Structure* 1235, 130263. <https://doi.org/10.1016/j.molstruc.2021.130263>
- CA Canbay, O Karaduman, N Ünlü, İ Özkul, MA Çiçek, 2021. Energetic Behavior Study in Phase Transformations of High Temperature Cu–Al–X (X: Mn, Te, Sn, Hf) Shape Memory Alloys, *Transactions of the Indian Institute of Metals*. <https://doi.org/10.1007/s12666-021-02176-5>
- CA Canbay, G Başbağ, O Karaduman, M Boyrazlı, 2021. Thermodynamical and Microstructural SME Study on CuAlNi and CuAlNiCo Shape Memory Alloys, *Journal of Materials and Electronic Devices* 1 (1), 1-5. <https://doi.org/10.29228/jmed.2021.01>
- CA Canbay, O Karaduman, N Ünlü, İ Özkul, 2021. Study on basic characteristics of CuAlBe shape memory alloy, *Brazilian Journal of Physics* 51 (1), 13-18. <https://doi.org/10.1007/s13538-021-00856-x>
- CA Canbay, O Karaduman, PA Ibrahim, I Ozkul, 2021. Thermostructural shape memory effect observations of ductile Cu-Al-Mn smart alloy, *Advances in Materials Research* 10 (1), 45-56. <https://doi.org/10.37494/AMR.2021.1001>
- M Çetin, GD Yüzüak, E Yüzüak, 2021. Re-assessment of Structural Properties of Heat Treatment on the NiTi Alloy, *Journal of NanoScience in Advanced Materials* 1 (1), 1-5. <https://doi.org/10.29228/jnam.2021.01>
- GD Yüzüak, E Yüzüak, I Ennen, A Hütten, 2021. Thickness induced magnetic anisotropic properties of Tb-Fe-Co thin films, *Current Applied Physics* 29, 33-38. <https://doi.org/10.1016/j.cap.2021.01.002>
- E Yüzüak, GD Yüzüak, Y Elerman, 2021. Inverse Magnetocaloric Effect Related to the Magnetostructural Phase Transition in Quaternary Ni–Co–Mn–Al Alloy, *Metallurgical and Materials Transactions A* 52 (8), 3661-3668. <https://doi.org/10.1007/s11661-021-06369-2>
- E Yüzüak, GD Yüzüak, A Hütten, 2021. The effect of heat treatment on the FeCo phase in Tb-Fe-Co thin films, *Journal of Alloys and Compounds* 863, 158088. <https://doi.org/10.1016/j.jallcom.2021.158088>
- F Doğan, H Dehghanpour, S Subaşı, M Maraşlı, 2021. Characterization of carbon fiber reinforced conductive mortars filled with recycled ferrochrome slag aggregates, *Journal of Sustainable Construction Materials and Technologies* 7 (3), 145-157. <https://doi.org/10.29187/jscmt.2021.60>
- Ö Güler, M Tekeli, M Taşkın, SH Güler, IS Yahia, 2021. The production of graphene by direct liquid phase exfoliation of graphite at moderate sonication power by using low boiling liquid media: The effect of liquid media on yield and optimization, *Ceramics International* 47 (1), 521-533. <https://doi.org/10.1016/j.ceramint.2020.08.159>