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ÜYESİ



## Kişisel Bilgiler

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Birimi : MEKANİK

Dahili : -

## Makaleler (YOKSIS)

- 1 Comparison of Mechanical Properties of Samples Fabricated by Stereolithography and Fused Deposition Modelling**  
BAYRAKLILAR MEHMET SAİD, KUNCAN MELİH, BULDU ABDULKADİR, KOÇAK MUHAMMED TAYYİP, ÜLKİR OSMAN  
Journal of Materials and Mechatronics: A, <http://dx.doi.org/10.55546/jmm.1358963>
- 2 Dimensional Accuracy of a Hole Diameter Produced by Material Extrusion**  
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Journal of Testing and Evaluation, <http://dx.doi.org/10.1520/jte20230378>
- 3 Dimensional Accuracy of Acrylonitrile Butadiene Styrene Material Produced by Additive Manufacturing Method**  
BAYRAKLILAR MEHMET SAİD  
Journal of Materials Engineering and Performance, <http://dx.doi.org/10.1007/s11665-023-08205-9>
- 4 EKLEMELİ İMALAT YÖNTEMİYLE ÜRETİLEN ABS CIVATA NUMUNESİNİN MEKANİK ÖZELLİKLERİNİN İNCELENMESİ**  
KOÇAK MUHAMMED TAYYİP, BAYRAKLILAR MEHMET SAİD, ÜLKİR OSMAN  
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- 5 Energy Consumption Prediction of Additive Manufactured Tensile Strength Parts Using Artificial Intelligence**  
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- 6 GMDH sinir ağı kullanılarak elastomer tabakalar üzerinde küresel elastomerik yatağın maksimum gerilmesinin tahmini**  
KAYA YILMAZ, MAKARACI MURAT, BAYRAKLILAR MEHMET SAİD, KUNCAN MELİH  
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- 7 Influence of Different Heat Treatments on the Solid Particle Erosion Behavior of Aluminum Alloy AA 7075 in Industrial Applications**  
KARABAY SEDAT, BAYRAKLILAR MEHMET SAİD, BALCI ERHAN  
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- 8 Material Selection for Artificial Femur Bone Using PROMETHEE-GAIA Method**  
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Journal of Testing and Evaluation, <http://dx.doi.org/10.1520/jte20230387>
- 9 MECHANICAL SHAFT OPTIMIZATION: A STUDY ON STATIC STRUCTURAL ANALYSIS AND TOPOLOGICAL OPTIMIZATION IN ANSYS**  
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- 10 Raster Angle Prediction of Additive Manufacturing Process Using Machine Learning Algorithm**  
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- 11 THE APPLICATION OF THE TAGUCHI METHOD FOR OPTIMIZING THE COMPRESSION STRENGTH OF PLA SAMPLES PRODUCED USING FDM**  
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- 12 The effect of TiO<sub>2</sub> and CdS catalysts on hydrogen production under UV radiation**  
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- 13 Unveiling Stress Mitigation and Lifespan Extension Strategies for Spherical Elastomeric Bearings in Aerospace Applications**  
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Strength of Materials, <http://dx.doi.org/10.1007/s11223-024-00687-9>

## **Bildiriler (YOKSIS)**

- 1 3D Baskı Yöntemleriyle Üretilen Termoplastik Malzemelerin Isıl Performansı**  
BAYRAKLILAR MEHMET SAİD  
4th International Conference on Engineering, Natural and Social Sciences ,
- 2 A Research On The Application Of Finite Element Analysis in Additive Manufacturing Method**  
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- 3 DETERMINING THE JOHNSON COOK MODEL PARAMETERS**  
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**4 Machine Learning Methods for Energy Production Forecasting: A Review**

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