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International Researcher IDs

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2016 - 2023

Postgraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği, Turkey 2014 - 2016

Undergraduate, Erciyes University, Mühendislik Fakültesi, Makine Mühendisliği, Turkey 2008 - 2013

Foreign Languages

English, B2 Upper Intermediate

Research Areas

Mechanical Engineering, Construction and Manufacturing, Machine Elements, Mechanical, Finite Element Methods, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Mechanical Engineering, Makine Mühendisliği, 2014 - Continues

Academic and Administrative Experience

Published journal articles indexed by SCI, SSCI, and AHCI

- Fatigue life analysis of the radial cylindrical roller bearings: roller end-flange construction effect**
BAYRAK R., SAĞIRLI A.
MECHANICS BASED DESIGN OF STRUCTURES AND MACHINES, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- Farklı Düşme Açılarında bir Tavuk Yumurtası Düşme Testi Analizi Uygulaması**

ÖZEN S., BAYRAK R., BÖRKLÜ H. R.

3'rd International Symposium on Industrial Design & Engineering, Antalya, Turkey, 22 November 2018, pp.50-56

- II. **Delik Silindirik Makaralı Rulmanda Temas Gerilmelerinin Sonlu Elemanlar Yöntemiyle İncelenmesi**
Bayrak R., Özen S., Sağırılı A.
3'rd International Symposium on Industrial Design & Engineering, Antalya, Turkey, 22 November 2018, pp.83
- III. **Design and Analysis of Crash Box For Formula Student Car**
AŞÇIOĞLU TEMİZTAŞ B., BAYRAK R., DALGIÇ A.
3rd International Symposium on Industrial Design & Engineering, Antalya, Turkey, 22 November 2018, pp.100
- IV. **CRASH ANALYSIS OF REAR UNDER-RUN PROTECTION DEVICE BY FINITE ELEMENT METHOD**
AŞÇIOĞLU TEMİZTAŞ B., ÇAKMAÇI F., Bilgiç B., BAYRAK R.
3rd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, İstanbul, Turkey, 19 December 2017, pp.372
- V. **Numerical and Analytical Analysis of Point Contact**
Aşçıoğlu Temiztaş B., Tekin N. C., Bayrak R., Oral A.
3rd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING ISTANBUL 2017, İstanbul, Turkey, 19 - 21 December 2017, pp.410-415
- VI. **HARMONIC ANALYSIS OF A SPRING SUPPORTED FUNCTIONALLY GRADED BAR**
Bayrak R., Kenan H., Demir C.
The 12th International Conference of Constructive Design and Technological Optimization in Machine Building, Bacau, Romania, 02 June 2016, pp.54
- VII. **HARMONIC ANALYSIS OF A VISCOELASTIC SUPPORTED FUNCTIONALLY GRADED BAR**
KENAN H., DEMİR C., BAYRAK R.
The 12th International Conference of Constructive Design and Technological Optimization in Machine Building, Bacau, Romania, 02 June 2016, pp.53

Metrics

Publication: 8

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H-Index (WoS): 1

Congress and Symposium Activities

3rd INTERNATIONAL CONFERENCE ON ADVANCES IN MECHANICAL ENGINEERING, Attendee, İstanbul, Turkey, 2017

The 12th International Conference of Constructive Design and Technological Optimization in Machine Building, Attendee, Bacau, Romania, 2016