

## Asst. Prof. RAMAZAN ÖZMEN

### Personal Information

**Email:** ramazanozmen@karabuk.edu.tr

**Web:** <https://avesis.karabuk.edu.tr/ramazanozmen>

### Education Information

Doctorate, Karabük Üniversitesi, Mühendislik Fakültesi, Makine Mühendisliği Bölümü, Turkey 2013 - Continues  
Post Graduate, İstanbul Teknik Üniversitesi, Makine Fakültesi, Makine Mühendisliği Bölümü, Turkey 2008 - 2012  
Under Graduate, Karadeniz Teknik Üniversitesi, İngiliz Dili ve Edebiyatı, Makine Mühendisliği Bölümü, Turkey 2003 - 2008

### Foreign Languages

English, B2 Upper Intermediate

### Academic Titles / Tasks

Research Assistant, Karabük Üniversitesi, Mühendislik Fakültesi, Mekatronik Mühendisliği Bölümü, 2010 - Continues

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **An investigation on braking systems used in railway vehicles**  
GÜNAY M., KORKMAZ M. E. , ÖZMEN R.  
Engineering Science and Technology, an International Journal, vol.23, pp.421-431, 2020 (Journal Indexed in SCI Expanded)

### Articles Published in Other Journals

- I. **Kinematical considerations related to prosthesis position and core radius on the biomechanics of the C5-C6 functional spinal unit**  
ÖZMEN R., GÜNAY M.  
ENGINEERING SCIENCE AND TECHNOLOGY-AN INTERNATIONAL JOURNAL-JESTECH, vol.22, pp.786-793, 2019 (Journal Indexed in ESCI)
- II. **Al2014 Alüminyum Alaşımının Delinmesinde İtme Kuvvetinin Sonlu Elemanlar Yöntemi İle Analizi**  
KORKMAZ M. E. , ÇAKIROĞLU R., YAŞAR N., ÖZMEN R., GÜNAY M.  
El-Cezeri Journal of Science and Engineering, vol.6, pp.193-199, 2019 (Other Refereed National Journals)
- III. **Numerical and Theoretical Investigation of Wheel-Rail Contact**  
ÖZMEN R.  
International Journal of Advance Engineering and Research Development, vol.4, pp.1204-1209, 2017 (Refereed Journals of Other Institutions)
- IV. **An Investigation on Deformation Behaviors of Energy Absorbers for Passenger Coaches**  
ÖZMEN R., GÜNAY M.

## Refereed Congress / Symposium Publications in Proceedings

- I. **Finite Element Analysis of Thrust Force in Drilling of Al2014 Aluminum Alloy**  
KORKMAZ M. E. , ÇAKIROĞLU R., YAŞAR N., ÖZMEN R., GÜNAY M.  
1st International Symposium on Light Alloys and Composite Materials (ISLAC'18), 22 - 24 March 2018
- II. **Biomechanical Analysis of C5-C6 Spinal Unit with Artificial Disc by Finite Element Method**  
ÖZMEN R., GÜNAY M., DEMİR T.  
8th International Advances in Applied Physics and Materials Science Congress Exhibition, 24 - 30 April 2018
- III. **Al2014 Alüminyum Alaşımının Delinmesinde İtme Kuvvetinin Sonlu Elemanlar Yöntemi İle Analizi**  
KORKMAZ M. E. , ÇAKIROĞLU R., YAŞAR N., ÖZMEN R., GÜNAY M.  
1st International Symposium on Light Alloys and Composite Materials, 22 - 24 March 2018
- IV. **Comparison of Energy Absorbing Members for Passenger Coaches**  
ÖZMEN R., GÜNAY M., TOPRAK T.  
3rd International Iron Steel Symposium, 3 - 05 April 2017
- V. **A Numerical Investigation on Deformation Behaviors of Energy Absorbers for Passenger Coaches**  
ÖZMEN R., GÜNAY M.  
3rd International Conference on Engineering and Natural Sciences (ICENS), 3 - 07 May 2017
- VI. **Optimization of Drilling Conditions for Surface Roughness in Drilling of CFRP Composite Laminates**  
GÜNAY M., GÜN O., YAŞAR N., ÖZMEN R.  
3rd International Conference on Engineering and Natural Sciences (ICENS), 3 - 07 May 2017