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### Research Areas

Biomedical Engineering, Bioengineering and MEMS, Biomechanics

### Articles Published in Other Journals

- I. **Kullanıcı Dostu Yeni Elektronik Mimarisi Arduino**  
ZORLU PARTAL S., ARISOY D. O., SEZER C., TAŞ F., CİN B.  
Endüstri Otomasyon, pp.14-20, 2016 (Peer-Reviewed Journal)
- II. **PID Parameters Prediction Using Neural Network for A Linear Quarter Car Suspension Control**  
Müderrisođlu K., Arisoy D. O., Ahan A. O., Akdođan E.  
International Journal of Intelligent Systems and Applications in Engineering (IJISAE), vol.4, no.1, pp.20-24, 2016 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Bir Dolaşım Sistemi Simülasyonu Devresinin Egzersiz Durumunda Geribeslemeli Kontrolü**  
Urgan A., Arisoy D. O., Kadıpaşaođlu A. K.  
TOK 2019 Ulusal Kongresi, Muđla, Turkey, 11 - 14 September 2019, pp.85-90
- II. **Use of a H? Controller on a Half Semi-trailer Truck Model to Reduce Vibrations and Its Implications on Human Factor**  
AHAN A. O., ARISOY D. O., MÜDERRİSOĐLU K., ARSLAN B., GÜÇLÜ R.  
20th Congress of the International Ergonomics Association (IEA 2018), Floransa, Italy, 26 August 2018, pp.421-435
- III. **A MINIATURE SMART CITY EXPERIMENTAL SET FOR ENGINEERING EDUCATION**  
ZORLU PARTAL S., ARISOY D. O.  
International Conference on Education in Mathematics, Science & Technology (ICEMST), Muđla, Turkey, 28 April 2018, pp.295-300
- IV. **Mathematical Model of a Cardiovascular Mock Circuit: Design and Validation**  
ARISOY D. O., KADIPAŞAOĐLU A. K.  
International Conference of Engineering and Natural Sciences (ICENS) 2017, 3 - 05 May 2017, pp.570
- V. **Vibration control of a semi-trailer truck for comfort with an output feedback H? controller**  
Ahan A. O., Arisoy D. O., Müderrisođlu K., Yazıcı H., Güçlü R.

International Conference On Engineering An Natural Science, Sarajevo, Bosnia And Herzegovina, 24 May 2016, pp.2141-2149

- VI. **Bir raylı taşıtta farklı koşullar altında yolcu konforu analizi**  
AHAN A. O., ARISOY D. O., Müderrisoğlu K., BAYRAKTAR M., GÜÇLÜ R.  
Uluslararası Katılımlı 17. Makina Teorisi Sempozyumu, İzmir, Turkey, 14 June 2015, pp.1-6
- VII. **Raylı Taşıt Ve Karayolu Taşıtı Trafiği Etkisi Altındaki Bir Asma Köprünün Dinamik Analizi**  
Müderrisoğlu K., Arisoy D. O., Ahan A. O., Bayraktar M., Güçlü R.  
Uluslararası Katılımlı 17. Makina Teorisi Sempozyumu, İzmir, Turkey, 14 - 17 June 2015, pp.1-11
- VIII. **Discretization of Continuous Structures: Rayleigh Ritz Method and Finite Element Direct Method with analysis of Longitudinal Beam Vibration**  
Ahan A. O., Arisoy D. O.  
3rd International Scientific Conference on Engineering Manufacturing and Advanced Technologies, Mostar, Bosnia And Herzegovina, 18 September 2014, pp.1-6
- IX. **Roller Coaster Güzergahında Tanımlanan Noktasal Bir Cismin Dinamik Analizi**  
AHAN A. O., ARISOY D. O., Müderrisoğlu K., BAYRAKTAR M.  
XVI. Ulusal Makina Teorisi Sempozyumu, Erzurum, Turkey, 12 September 2013, pp.1-7
- X. **Static and Dynamic Analysis of Railway Wagon Trailer Bogie in Computer Environment**  
ARISOY D. O., AHAN A. O., Müderrisoğlu K., BAYRAKTAR M.  
1. International Workshop on Railway System Engineering, Karabük, Turkey, 11 October 2012, pp.1-7

## Supported Projects

Kadıpaşaoğlu A. K., Türker T., Meşe E., TUBITAK Project, Development of a Mechanical Circulatory Support System, 2019 - 2024

## Metrics

Publication: 13

H-Index (WoS): 1