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International Researcher IDs

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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Mekatronik Mühendisliği, Turkey 2016 - Continues

Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Mekatronik Mühendisliği, Turkey 2013 - 2016

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Mekatronik Mühendisliği, Turkey 2008 - 2012

Dissertations

Postgraduate, MANYETİK YASTIKLAMA TEMELLİ MEKANİK TEMASSIZ ÇELİK SAC TAŞIMA SİSTEMİ TASARIMI VE AKTİF KONTROLÜ, Yıldız Teknik Üniversitesi, Fen Bilimleri, Mekatronik Müh., 2016

Research Areas

Electrical and Electronics Engineering, Electronic, Electromagnetic, Mechanical Engineering, Mechanical, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Mechanical Engineering, Department Of Mechatronics Engineering, 2014 - Continues

Research Assistant, Amasya University, Faculty Of Technology, Department Of Mechatronics Engineering, 2012 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Design and analysis of a high speed double-sided axial flux permanent magnet motor suspended vertically by magnetic bearings**
Güney Ö. F., Çelik A., Bozkurt A. F., Erkan K.
International Journal Of Applied Electromagnetics And Mechanics, vol.64, no.S1, pp.297-310, 2021 (SCI-Expanded)
- II. Multi Degrees of Freedom Robust Magnetic Levitation Control of a Flexible Transport Mover with Disturbance Observer and State Feedback Control**

Bozkurt A. F., GÜNEY Ö. F., ERKAN K.

CONTROL ENGINEERING AND APPLIED INFORMATICS, vol.20, no.3, pp.50-59, 2018 (SCI-Expanded)

III. **Centralized Gap Clearance Control for Maglev Based Steel-Plate Conveyance System**

GÜNEY Ö. F., Bozkurt A. F., ERKAN K.

ADVANCES IN ELECTRICAL AND COMPUTER ENGINEERING, vol.17, no.3, pp.101-106, 2017 (SCI-Expanded)

Articles Published in Other Journals

I. **Experimental analysis and kinetic modelling for steam gasification of the Turkish Lignites**

GÜNEY Ö. F., KOYUN A.

Journal of Thermal Engineering, vol.6, no.3, pp.204-213, 2020 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **Structural Analysis of a High Speed Double-Sided Axial Flux Permanent Magnet Motor Vertically Suspended by Magnetic Bearings**

Güney Ö. F., Çelik A., Bozkurt A. F., Erkan K.

19th edition of International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, Nancy, France, 29 - 31 August 2019, vol.2019, no.1, pp.1-4

II. **H-infinity Controller Design for Magnetically Levitated Steel Plate Conveyance System: Experimental Verification**

GÜNEY Ö. F., SEVER M., Bozkurt A. F., ERKAN K.

6th International Conference on Control Engineering & Information Technology, İstanbul, Turkey, 25 October 2018, pp.1321-1326

III. **Experimental Setup Design for Observing Response of Three Different Networks used in Energy Management and Leak Detection**

Güney Ö. F., Yalçın B. C., Gökçe M., Adıyaman O., Koyun A.

11th Pipeline Technology Conference, Berlin, Germany, 23 - 25 May 2016, vol.2016, no.1, pp.1-5

IV. **DESIGN OF HYDROKINETIC ENERGY GENERATION SYSTEM**

ZENGİN N., Aslan F., Artunc T. C., Aktan M. E., GÜNEY Ö. F.

CBU International Conference on Innovations in Science and Education (CBUIC), Prague, Czech Republic, 23 - 25 March 2016, pp.857-863

V. **AN ARTIFICIAL NEURAL NETWORK DESIGN FOR DETERMINATION OF HASHIMOTO'S THYROIDITIS SUB-GROUPS**

Aktan M. E., Akdoğan E., Zengin N., Güney Ö. F., Parlar R. E.

CBU International Conference on Innovations in Science and Education (CBUIC), Prague, Czech Republic, 23 - 25 March 2016, pp.756-762

VI. **3-DOF CENTRALIZED I-PD CONTROL OF NONLINEAR MAGNETIC LEVITATION SYSTEM**

Güney Ö. F., Bozkurt A. F., Erkan K.

ISEF 2015 - XVII International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, Valencia, Spain, 10 - 12 September 2015, vol.2015, no.1, pp.1-6

VII. **Zero Power Control of a 3 DOF Levitated Multiple Hybrid Electromagnet Flexible Conveyor System**

Bozkurt A. F., Erkan K., Güney Ö. F.

ACEMP - OPTIM - ELECTROMOTION JOINT CONFERENCE 2015, Antalya, Turkey, 2 - 04 September 2015, vol.2015, no.1, pp.570-575

VIII. **3 EKSENLİ ROBOT MEKANİZMASINA MONTE EDİLMİŞ BİR KAMERA VASITASIYLA FARKLI ROTASYON VE BOYUTLARDAKİ GEOMETRİK CİSİMLERİN TANIMLANARAK VAKUM TUTUCU İLE AYRILMASI**

Ertunç H. M., Bakır A., Kuncan M., GÜNEY Ö. F.

TOK 2012, 01 October 2012, pp.606-609

Supported Projects

Erkan K., Güney Ö. F., Daşdemir J., Arslan M. S., TUBITAK Project, Multi-degree of freedom vertical hybrid magnetic bearing design and its control, 2018 - 2021

Metrics

Publication: 12

Citation (WoS): 2

Citation (Scopus): 7

H-Index (WoS): 1

H-Index (Scopus): 1

Awards

Güney Ö. F., TEKNOFEST ÇEVRE KATEGORİSİ İKİNCİLİĞİ, Teknofest, September 2019

GÜNEY Ö. F., TEKNOFEST ULAŞIM KATEGORİSİ BİRİNCİLİĞİ, TEKNOFEST, September 2018

GÜNEY Ö. F., TET PROJE BAHARI ULAŞIM KATEGORİSİ ÜÇÜNCÜLÜĞÜ, TET PROJE BAHARI, November 2017