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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Turkey 2016 - 2024

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

Undergraduate, Yildiz Technical University, Faculty Of Mechanical Engineering, Turkey 2008 - 2012

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Experiment sorting of non-ferrous metals by new orientation of magnetic disk separator**
Nadjib K., Ayad A. N. E. I., BOZKURT A. F., Erkan K., Alshareef M., Ali E., Molu R. J. J., Ghoneim S. S. M.
IET Science, Measurement and Technology, vol.18, no.8, pp.443-452, 2024 (SCI-Expanded)
- II. **MaglevMotor: Design and optimisation of a novel hybrid linear actuator for 6 degrees of freedom rail-passive Maglev carrier**
BOZKURT A. F., ERKAN K.
IET Electric Power Applications, vol.18, no.6, pp.704-716, 2024 (SCI-Expanded)
- III. **Modeling of novel cross-type hybrid 4-pole carrier system and experimental air gap control**
Göker E. M., BOZKURT A. F., ERKAN K.
COMPEL - The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, vol.43, no.2, pp.355-369, 2024 (SCI-Expanded)
- IV. **Design and analysis of a high speed double-sided axial flux permanent magnet motor suspended vertically by magnetic bearings**
Güney Ö. F., ÇELİK A., BOZKURT A. F., ERKAN K.
International Journal of Applied Electromagnetics and Mechanics, vol.64, no.S1, 2020 (SCI-Expanded)
- V. **Multi degrees of freedom robust magnetic levitation control of a flexible transport mover with disturbance observer and state feedback control**
BOZKURT A. F., Güney O. F., ERKAN K.
Control Engineering and Applied Informatics, vol.20, no.3, pp.50-59, 2018 (SCI-Expanded)
- VI. **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. **Experiment realization and simulation of new vertical rotating disk of eddy current separator**
Realizacja eksperymentu i symulacja nowej pionowej tarczy obrotowej separatora wiroprowadowego
Nadjib K, Wafa K, ERKAN K, BOZKURT A. F., El Islam A. A. N., Khelifa S., Rais A., Tahar R.
Przegląd Elektrotechniczny, vol.2024, no.4, pp.142-147, 2024 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Machine Learning Based H2 Norm Minimization for Maglev Vibration Isolation Platform**
BOZKURT A. F., Yalçın B. C., ERKAN K.
Intelligent Systems Conference, IntelliSys 2021, Virtual, Online, 2 - 03 September 2021, vol.294, pp.100-114
- II. **Structural Analysis of a High Speed Double-Sided Axial Flux Permanent Magnet Motor Vertically Suspended by Magnetic Bearings**
Guney O. F., ÇELİK A., BOZKURT A. F., ERKAN K.
19th International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, ISEF 2019, Nancy, France, 29 - 31 August 2019
- III. **H ∞ controller design for magnetically levitated steel plate conveyance system: Experimental verification**
Guney O. F., Sever M., BOZKURT A. F., ERKAN K.
6th International Conference on Control Engineering and Information Technology, CEIT 2018, İstanbul, Turkey, 25 - 27 October 2018
- IV. **A new design concept of magnetically levitated 4 pole hybrid mover driven by linear motor**
Bucak M., BOZKURT A. F., ERKAN K., ÜVET H.
2017 IEEE International Conference on Robotics and Automation, ICRA 2017, Singapore, Singapore, 29 May - 03 June 2017, pp.596-601
- V. **Zero power control of a 3 DOF levitated multiple hybrid electromagnet flexible conveyor system**
BOZKURT A. F., ERKAN K., Guney O. F.
1st Joint International Aegean Conference on Electrical Machines and Power Electronics, ACEMP 2015, International Conference on Optimization of Electrical and Electronic Equipment, OPTIM 2015 and International Symposium on Advanced Electromechanical Motion Systems, ELECTROMOTION 2015, Side, Turkey, 2 - 04 September 2015, pp.570-575

Metrics

Publication: 12

Citation (Scopus): 26

H-Index (Scopus): 3