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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-9568-2020

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Education Information

Doctorate, Yıldız Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, Turkey
2015 - Continues

Postgraduate, Istanbul Technical University, Elektrik-Elektronik Fakültesi, Kontrol Ve Otomasyon Mühendisliği , Turkey
2012 - 2015

Undergraduate Double Major, Sakarya University, Faculty Of Engineering, Bilgisayar Mühendisliği, Turkey 2009 - 2013

Undergraduate, Sakarya University, Faculty Of Engineering, Elektrik-Elektronik Mühendisliği, Turkey 2008 - 2012

Foreign Languages

English, C1 Advanced

Research Areas

Information Systems, Communication and Control Engineering, Control and System Engineering, System Diagnostics, Signal Processing, Pattern Recognition and Analysis, Signal Processing Theory and Methods, Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing, Neural Networks, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yıldız Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Anomaly localization in regular textures based on deep convolutional generative adversarial networks

- Öz M. A. N., Mercimek M., Kaymakçı Ö. T.
Applied Intelligence, vol.52, no.2, pp.1556-1565, 2022 (SCI-Expanded)
- II. A NESTED AUTOENCODER APPROACH TO AUTOMATED DEFECT INSPECTION ON TEXTURED SURFACES**
Öz M. A. N., Kaymakçı Ö. T., Mercimek M.
INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE, vol.31, no.3, pp.515-523, 2021 (SCI-Expanded)
- III. A SAFETY RELATED PERSPECTIVE FOR THE POWER SUPPLY SYSTEMS IN RAILWAY INDUSTRY**
OZ M. A. N., KAYMAKÇI Ö. T., KOYUN A.
EKSPLOATACJA I NIEZAWODNOSC-MAINTENANCE AND RELIABILITY, vol.19, no.1, pp.114-120, 2017 (SCI-Expanded)
- IV. Topology Based Automatic Formal Model Generation for Point Automation Systems**
Oz M. A. N., Sener I., Kaymakci O. T., Ustoglu I., Cansever G.
INFORMATION TECHNOLOGY AND CONTROL, vol.44, no.1, pp.98-111, 2015 (SCI-Expanded)
- V. Developing and establishing a natural user interface based on Kinect sensor with artificial neural network**
Oz C., ÖZ M. A. N.
OPTOELECTRONICS AND ADVANCED MATERIALS-RAPID COMMUNICATIONS, vol.8, pp.1176-1186, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. A New Method for Verification and Evaluation of PLC Software**
ÖZ M. A. N., KAYMAKÇI Ö. T.
Journal of Innovative Science and Engineering (JISE), vol.7, no.1, pp.13-28, 2023 (Peer-Reviewed Journal)
- II. An Automatic Formal Model Generation and Verification Method for Railway Interlocking Systems**
OZ M. A., KAYMAKÇI Ö. T.
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.2, pp.133-147, 2017 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. Split-Brain Autoencoder Approach for Surface Defect Detection**
Ulutas T., ÖZ M. A. N., MERCİMEK M., KAYMAKÇI Ö. T.
2nd International Conference on Electrical, Communication and Computer Engineering, ICECCE 2020, İstanbul, Turkey, 12 - 13 June 2020
- II. HOSIDF-based Chebyshev Structured Compensator Design for Disturbance Attenuation Problem**
ÖZ M. A. N., EROL B., UCUN L.
6th International Conference on Control Engineering & Information Technology, İstanbul, Turkey, 25 October 2018, pp.189-194
- III. Economic Impact Analysis of Load Shifting in a Smart Household**
Farzambehboudi Y., Erdinç O., Boynueğri A. R., Ucun L., Öz M. A. N.
2018 International Conference on Smart Energy Systems and Technologies SEST 2018, Sevilla, Spain, 12 - 14 September 2018, pp.1-5
- IV. Saklı markov modeli ile ses tanıma kullanılarak bilgisayar kullanımı**
Eken B., ÖZ M. A. N., Kazan S., Çit G.
Istec, Dubai, Saudi Arabia, 13 December 2012, pp.10-11
- V. Düşük Maliyetli Sanal Sürücü Simülatörü**
OZ C., Çiftçi Ö., ÖZ M. A. N.
TOK'10, Kocaeli, Turkey, 05 June 2010, pp.10

Metrics

Publication: 13

Citation (WoS): 17

Citation (Scopus): 24

H-Index (WoS): 3

H-Index (Scopus): 4