

Res. Asst. PhD Esra KAYA AYANA

Personal Information

Email: esrakaya@yildiz.edu.tr

Web: <http://www.yarbis.yildiz.edu.tr/esrakaya>

International Researcher IDs

ORCID: 0000-0001-8589-5509

Yoksis Researcher ID: 43487

Education Information

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

Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Kontrol Ve Otomasyon Mühendisliği, Turkey 2014 - 2016

Undergraduate, Kocaeli University, Mühendislik Fakültesi, Mekatronik Mühendisliği, Turkey 2007 - 2012

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Postgraduate, Öznitelik seçiminin geliştirilen bir yapay sinir ağı sınıflandırılması üzerine etkisi, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kontrol Ve Otomasyon Mühendisliği, 2016

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Engineering and Technology

Academic Titles / Tasks

Research Assistant PhD, Yildiz Technical University, Faculty Of Electrical & Electronics, Control And Automation Engineering, 2024 - Continues

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

Published journal articles indexed by SCI, SSCI, and AHCI

- Active Control Experiments on a Smart Robotic Glass with End-Point Control for Parkinson's Patients**

Kaya Ayana E., Kılıç M., Yaşar C. F., Engin Ş. N.

Articles Published in Other Journals

- I. **Covid-19 detection using modified xception transfer learning approach from computed tomography images**
Morani K., Kaya Ayana E., Unay D.
International Journal of Advances in Intelligent Informatics, vol.9, no.3, pp.524-536, 2023 (Scopus)
- II. **The Improvement Achieved Using BLogReg Feature Selection Algorithm In A Developed Artificial Neural Network Classification**
Kaya Ayana E., Morani K.
The International Journal of Scientific Research & Engineering Technology, no.9, pp.28-31, 2020 (Peer-Reviewed Journal)
- III. **Diagnosis of anemia in children via artificial neural network**
Kaya E., Aktan M. E., Koru A. T., Akdoğan E.
International Journal of Intelligent Systems and Applications in Engineering, vol.3, pp.24-27, 2015 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Studies on a Robotic Device that Minimizes End-Point Vibrations for Parkinson Tremor**
Ayana E., Yaşar C. F., Engin Ş. N.
3rd World Conference on Technology, Innovation and Entrepreneurship, WOCTINE 2019, İstanbul, Turkey, 21 - 23 June 2019, vol.158, pp.338-345
- II. **Development of Prediction in Clients' Consent to a Bank Term Deposit Using Feature Selection**
MORANI K., KAYA AYANA E., ENGİN Ş. N.
6th International Conference on Control engineering and Information Technologies, İstanbul, Turkey, 25 - 27 October 2018
- III. **Performance Evaluations of Next Generation Networks for Smart Grid Applications**
KAYA AYANA E.
3rd IEEE International Conference on Smart Grid Congress and Fair, İstanbul, Turks And Caicos Islands, 17 April 2015, pp.1-5

Tasks In Event Organizations

Kaya Ayana E., EROL B., 6th International Conference on Control Engineering & Information Technology, Scientific Congress, İstanbul, Turkey, Ekim 2018

Kaya Ayana E., EROL B., OTOMATİK KONTROL TÜRK MİLLÎ KOMİTESİ ULUSAL TOPLANTISI (TOK 2017), Scientific Congress, İstanbul, Turkey, Eylül 2017

Metrics

Publication: 9

Citation (Scopus): 3

H-Index (Scopus): 1