Res. Asst. YUNUS SABRİ KIRCA

Personal Information

Email: yunussabri.kirca@ogu.edu.tr
Web: https://avesis.ogu.edu.tr/yunussabri.kirca

International Researcher IDs
ORCID: 0000-0001-5938-2822
Yoksis Researcher ID: 333672

Research Areas

Information System Reliability

Academic Titles / Tasks

Research Assistant, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2021 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Runtime Verification for Anomaly Detection of Robotic Systems Security**
KIRCA Y. S., DEĞİRMENCİ E., Demirci Z., YAZICI A., ÖZKAN M., Ergun S., Kanak A.
Machines, vol.11, no.2, 2023 (SCI-Expanded)

Articles Published in Other Journals

I. **An Analysis of DoS Attack on Robot Operating System**
DEĞİRMENCİ E., KIRCA Y. S., YOLAÇAN E. N., YAZICI A.
Gazi University Journal of Science, vol.36, no.3, pp.1050-1069, 2023 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

I. **Developing an Integrated Runtime Verification for Safety and Security of Industrial Robot Inspection System**
DEĞİRMENCİ E., KIRCA Y. S., ÖRNEK Ö., Bulut M., Kahraman S., ÖZKAN M., YAZICI A.
Proceedings of the 24th Annual Conference Towards Autonomous Robotic Systems, TAROS 2023, Cambridge, England, 13 - 15 September 2023, vol.14136 LNAI, pp.126-137
II. **Online Motion Analyzer (OMA): A Software Service for Runtime Verification of Robotic Systems' Safety**
Kahraman S., Bulut M., DEĞİRMENCİ E., KIRCA Y. S., ÖZKAN M., YAZICI A.
31st IEEE Conference on Signal Processing and Communications Applications (SIU), İstanbul, Turkey, 5 - 08 July 2023
III. **Robotik Sistem Güvenliğinin Doğrulaması için ROS Tabanlı Saldırı Aracı**

KIRCA Y. S., DEĞİRMENCİ E., YAZICI A., ÖZKAN M.
TOK'2022 Otomatik Kontrol Ulusal Toplantısı, Elazığ, Turkey, 15 - 18 September 2022

Metrics

Publication: 5
Citation (WoS): 3
Citation (Scopus): 5
H-Index (WoS): 1
H-Index (Scopus): 2