

Res. Asst. MUHAMMED OĞUZ TAŞ

Personal Information

Email: motas@ogu.edu.tr

Web: <https://avesis.ogu.edu.tr/2698>

Education Information

Doctorate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Turkey 2019 - Continues

Postgraduate, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, Turkey 2016 - 2018

Undergraduate, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, Turkey 2011 - 2016

Dissertations

Postgraduate, Otonom Taşıyıcı Araçlar İçin Yüksek Çözünürlüklü Harita Güncelleme, Eskisehir Osmangazi University, Fen Bilimleri Enstitüsü, 2018

Research Areas

Fuzzy Sets and Systems, Pattern Recognition and Image Processing, Neural Networks

Academic Titles / Tasks

Research Assistant, Eskisehir Osmangazi University, Mühendislik-Mimarlık Fakültesi, 2018 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **High-definition map update framework for intelligent autonomous transfer vehicles**

Tas M. O., YAVUZ H. S., YAZICI A.

JOURNAL OF EXPERIMENTAL & THEORETICAL ARTIFICIAL INTELLIGENCE, vol.33, no.5, pp.847-865, 2021 (SCI-Expanded)

Articles Published in Other Journals

I. **Fuzzy inference for crash avoidance of industrial lift trucks**

GOCER G., TAŞ M. O., YAVUZ H. S.

Selcuk University Journal of Engineering Sciences, vol.21, no.1, pp.1-8, 2022 (Peer-Reviewed Journal)

II. **Reliability Analysis of Energy Efficient Mobile Robot Routing**

Urazel B., Taş M. O.

Journal of Multidisciplinary Engineering Science Studies, vol.7, no.6, pp.3935-3941, 2021 (Peer-Reviewed Journal)

III. **A Mobile Robot Application for Constructing Semantic and Metric Maps of Search and Rescue Arenas with Point-Based Deep Learning**

Kocaoğlu M., Işıkdemir Y. E., Uzun M. A., Taş M. O., Turgut K., Kaleci B.

Journal of Scientific, Technology and Engineering Research, vol.2, no.1, pp.11-22, 2021 (Peer-Reviewed Journal)

IV. Detection of the Brain Tumor Existence Using a Traditional Deep Learning Technique and Determination of Exact Tumor Locations Using K-Means Segmentation from MR Images

Taş M. O., Ergin S.

İleri Mühendislik Çalışmaları ve Teknoloji Dergisi, vol.1, no.2, pp.91-97, 2020 (Peer-Reviewed Journal)

V. IMPLEMENTATION OF SMART WHEELCHAIR CONTROL BY USING HEAD MOVEMENTS FOR DISABLED PEOPLE

Taş M. O., Özüpek Taş D., Yavuz H. S.

Nicel Bilimler Dergisi, vol.2, no.1, pp.19-32, 2020 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Development of educational robot and user interfaces for robotic applications

Erdoğan A. K., Yarış B., Vatansever F., Umur Y., TAŞ M. O., YAVUZ H. S.

International Conference on Engineering Technologies, Konya, Turkey, 18 November 2021

II. Bulanık Mantık Kullanılarak Çoklu Robot Sistemleri İçin Güvenilirlik Tabanlı Görev Paylaşım

Analizi Reliability Based Task Allocation Analysis for Multi-Robot Systems by Using Fuzzy Logic

TAŞ M. O., Yayan U., YAVUZ H. S., YAZICI A.

Akıllı Sistemlerde Yenilikler ve Uygulamaları Konferansı, Antalya, Turkey, 5 - 07 October 2017

III. Gezegen Araştırmaları Benzetim Laboratuvarı için Uzaktan Kontrollü Gezgin Robot

Geliştirilmesi Development of Remote Controlled Mobile Robot for Planet Research Simulation Laboratory

Yayan U., Özüpek Taş D., TAŞ M. O., ALTAN M., YAZICI A.

2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.277-282

IV. RELIABILITY BASED TASK COMPLETION ANALYSIS OF MOBILE ROBOTS

Yayan U., Özüpek D., Taş M. O., YAZICI A.

24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1297-1300

Metrics

Publication: 10

Citation (WoS): 1

Citation (Scopus): 6

H-Index (WoS): 1

H-Index (Scopus): 1