

Personal Information

Email: yazgacb@itu.edu.tr

International Researcher IDs

ScholarID: E0eo-csAAAAJ

ORCID: 0000-0002-8599-2963

ScopusID: 57191838579

Yoksis Researcher ID: 223314

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Elektrik-Elektronik, Elektronik Ve Haberleşme Mühendisliği, 2015 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Fractional-Order Calculus-Based Data Augmentation Methods for Environmental Sound Classification with Deep Learning**
Yazgaç B. G., Kirci M.
Fractal and Fractional, vol.6, no.10, 2022 (SCI-Expanded)
- II. **Fractional Differential Equation-Based Instantaneous Frequency Estimation for Signal Reconstruction**
Yazgaç B. G., Kirci M.
Fractal and Fractional, vol.5, no.3, 2021 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Petri nets based procedure of hardware/software codesign of an urban agriculture monitoring system**
YAZGAÇ B. G., DURMUŞ H., KIRCI M., GÜNEŞ E. O., VARLI H. B.
2019 8th International Conference on Agro-Geoinformatics (Agro-Geoinformatics), Istanbul, Turkey, 16 - 19 July 2019
- II. **Fractional order calculus based fruit detection**
YAZGAC B. G., KIRCI M.
2019 8th International Conference on Agro-Geoinformatics (Agro-Geoinformatics), Istanbul, Turkey, 16 - 19 July 2019
- III. **Embedded system application for sunn pest detection**
Yazgaç B. G., Kirci M.
6th International Conference on Agro-Geoinformatics, Agro-Geoinformatics 2017, Virginia, United States Of America, 7 - 10 August 2017
- IV. **Detection of sunn pests using sound signal processing methods**
Yazgaç B. G., Kirci M., Kivan M.
5th International Conference on Agro-Geoinformatics, Agro-Geoinformatics 2016, Tianjin, China, 18 - 20 July 2016

V. Design of an Embedded System for Automatically Determination of the Varieties of Wheat Seeds Grown in Turkey Based on Image Analysis

AYGUN S., Yazgaç B. G., Kırıcı M., Güneş E. O.

5th International Conference on Agro-Geoinformatics (Agro-Geoinformatics), Tianjin, China, 18 - 20 July 2016, pp.7-12

Metrics

Publication: 7

Citation (Scopus): 24

H-Index (WoS): 1

H-Index (Scopus): 3

Congress and Symposium Activities

Agro-Geoinformatics 2017, Attendee, Virginia, United States Of America, 2017

Agro-Geoinformatics 2016, Attendee, Tianjin, China, 2016

Agro-Geoinformatics 2015, Attendee, İstanbul, Turkey, 2015