

## Res. Asst. Bilgi Görkem Yazgaç

### Personal Information

Email: yazgacb@itu.edu.tr

### Academic Titles / Tasks

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

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Fractional Differential Equation-Based Instantaneous Frequency Estimation for Signal Reconstruction**  
Yazgaç B. G. , Kırıcı M.  
Fractal and Fractional, vol.5, no.3, 2021 (Journal Indexed in SCI)

### 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. , Kırıcı M.  
6th International Conference on Agro-Geoinformatics, Virginia, United States Of America, 7 - 10 August 2017, pp.349-354
- IV. **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
- V. **Detection of Sunn Pests Using Sound Signal Processing Methods**  
Yazgaç B. G. , Kırıcı M., KIVAN M.  
5th International Conference on Agro-Geoinformatics (Agro-Geoinformatics), Tianjin, China, 18 - 20 July 2016, pp.454-459

### Edit 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