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Education Information

Doctorate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, -, Turkey 2020 - Continues
Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Uzaktan Algılama Ve Cbs Programı, Turkey 2017 - 2020
Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, Turkey 2013 - 2017

Research Areas

Geotechnical Engineering, Photogrammetry, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Geomatic Engineering, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Machine learning approach for GNSS geodetic velocity estimation**
ÖZARPACI S., KILIÇ B., BAYRAK O. C., TAŞKIRAN M., DOĞAN U., Floyd M.
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II. **Unveiling the impact of machine learning algorithms on the quality of online geocoding services: a case study using COVID-19 data**
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Articles Published in Other Journals

I. **Performance analysis of YOLO versions for automatic vehicle detection from UAV images**
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II. **A deep learning integrated mobile application for historic landmark recognition: A case study of Istanbul**
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Refereed Congress / Symposium Publications in Proceedings

I. **A NEW DATASET AND METHODOLOGY FOR URBAN-SCALE 3D POINT CLOUD CLASSIFICATION**
Bayrak O. C., Uzar A. M., Remondino F.
2nd GEOBENCH Workshop on Evaluation and BENCHmarking of Sensors, Systems and GEOspatial Data in Photogrammetry and Remote Sensing, Krakow, Poland, 23 October - 24 November 2023, pp.1-8

II. **DEEP LEARNING BASED AERIAL IMAGERY CLASSIFICATION FOR TREE SPECIES IDENTIFICATION**
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IV. **FOTOGRAMETRİK NOKTA BULUTLARINDAN MAKİNE ÖĞRENMESİ YÖNTEMİ İLE BİNA ÇIKARIMI**
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V. **The Role of Boosting based Machine Learning Algorithms in Predicting the Outcome of HIFU Ablation of Uterine Fibroids**
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VI. **Derin Öğrenme Yöntemleri ile Uydu Görüntülerinden Orman Yangını Tespiti: Muğla Örneği**
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VII. **Comparative Analysis of Two Object-Based Techniques for Shoreline Extraction from Digital Orthophotos: A Case Study in Riga, Latvia.**
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VIII. **Direct Geo-referencing of UAV images for Orthophoto Generation based on RTK GNSS Positioning**
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IX. **Derin Öğrenme ile Obje Tanıma İşlemi Üzerine Bir İnceleme**
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Supported Projects

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Metrics

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Citation (Scopus): 73
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