

## Res. Asst. YETİ ZİYA GÜRBÜZ

### Personal Information

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### Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Elektrik-Elektronik Mühendisliği (Dr), Turkey 2014 - Continues

### Academic Titles / Tasks

Research Assistant, Middle East Technical University, Faculty of Engineering, Elektrik-Elektronik Mühendisliği Bölümü, 2011 - Continues

### Refereed Congress / Symposium Publications in Proceedings

- I. **A NOVEL BOVW MIMICKING END-TO-END TRAINABLE CNN CLASSIFICATION FRAMEWORK USING OPTIMAL TRANSPORT THEORY**  
GÜRBÜZ Y. Z. , Alatan A. A.  
26th IEEE International Conference on Image Processing (ICIP), Taipei, Taiwan, 22 - 25 September 2019, pp.3053-3057
- II. **Roadesic Distance: Flow-Aware Tracklet Association Cost for Wide Area Surveillance**  
GÜRBÜZ Y. Z. , CAN O., ALATAN A. A.  
IEEE International Conference on Image Processing, Pekin, China, 17 - 20 September 2017
- III. **Association Cost Enforcing Spatial Consistency for Tracklet Merging**  
GÜRBÜZ Y. Z. , Can O., ALATAN A. A.  
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- IV. **AUTOMATIC ROAD DETECTION FROM GRAY LEVEL IMAGES IN WIDE AREA SURVEILLANCE**  
OĞUL C., GÜRBÜZ Y. Z. , ALATAN A. A.  
International Geoscience and Remote Sensing Symposium (IGARSS) 2016, 10 - 17 July 2016
- V. **Sparse recursive filtering for O 1 stereo matching**  
GÜRBÜZ Y. Z. , Çığla C., ALATAN A. A.  
International Conference on Image Processing, 27 - 30 September 2015
- VI. **Sparse Recursive Cost Aggregation Towards O(1) Complexity Local Stereo Matching**  
GÜRBÜZ Y. Z. , ALATAN A. A. , Cigla C.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2290-2293
- VII. **Inshore Ship Detection in Multispectral Satellite Images**  
Besbinar B., Gurbuz Y. Z. , Alatan A. A.  
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2029-2032
- VIII. **Tubularity Tracking Based Automatic Road Detection from Sattelite Images**  
GÜRBÜZ Y. Z. , ALATAN A. A.

22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.2190-2193

**IX. Video Mosaicing of Planer Scenes using Extended Kalman Filter**

Bati E., GÜRBÜZ Y. Z. , ALATAN A. A.

21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

**X. Region of Interest Detection Based Fast and Robust Geo-Spatial Object Recognition**

GÜRBÜZ Y. Z. , ALATAN A. A.

21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

## **Citations**

Total Citations (WOS):4

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