

# Öğr. Gör. Dr. FATİH ÖMRÜZUN

## Kişisel Bilgiler

E-posta: omruuzun@metu.edu.tr  
Web: <https://avesis.metu.edu.tr/omruuzun>

### Uluslararası Araştırmacı ID'leri

ScholarID: sP1nLaUAAAAJ  
ORCID: 0000-0001-8164-8586

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **A Novel Semantic Content-Based Retrieval System for Hyperspectral Remote Sensing Imagery**  
Ömrüuzun F., Yardımcı Çetin Y., Leloglu U. M., Demir B.  
REMOTE SENSING, cilt.16, sa.8, 2024 (SCI-Expanded)

## Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A Novel Content Based Hyperspectral Image Retrieval System Based on Bag of End Members**  
Omruuzun F., Demir B., Bruzzone L., ÇETİN Y.  
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Türkiye, 16 - 19 Mayıs 2016,  
ss.1465-1468
- II. **GAS DETECTION BY USING TRANSMITTANCE ESTIMATION AND SEGMENTATION APPROACHES**  
BAŞKURT N. D., Gur Y., Omruuzun F., ÇETİN Y.  
Conference on Remote Sensing Technologies and Applications for Urban Environments, Edinburgh, Saint Helena,  
26 - 27 Eylül 2016
- III. **CONTENT BASED HYPERSPECTRAL IMAGE RETRIEVAL USING BAG OF ENDMEMBERS IMAGE DESCRIPTORS**  
Omruuzun F., Demir B., Bruzzone L., ÇETİN Y.  
8th Workshop on Hyperspectral Image and Signal Processing - Evolution in Remote Sensing (WHISPERS), Los-Angeles, Şili, 21 - 24 Ağustos 2016
- IV. **Absorbance Estimation and Gas Emissions Detection in Hyperspectral Imagery**  
BAŞKURT N. D., Gur Y., Omruuzun F., ÇETİN Y.  
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Türkiye, 16 - 19 Mayıs 2016,  
ss.1505-1508
- V. **DTW based signal alignment for enhancing CO<sub>2</sub> detection in MWIR hyperspectral imagery**  
ÖMRÜZUN F., Baskurt D. O., Cetin Y. Y.  
7th Workshop on Hyperspectral Image and Signal Processing: Evolution in Remote Sensing, WHISPERS 2015,  
Tokyo, Japonya, 2 - 05 Haziran 2015, cilt.2015-June
- VI. **Shadow Removal from VNIR Hyperspectral Remote Sensing Imagery with Endmember Signature Analysis**  
Omruuzun F., Baskurt D. O., Daglayan H., Cetin Y. Y.  
Conference on Next-Generation Spectroscopic Technologies VIII, Maryland, Amerika Birleşik Devletleri, 20 - 22 Nisan 2015
- VII. **Gas Detection in Longwave Infrared Hyperspectral Imagery and Black Body Effect Compensation**  
Omruuzun F., ÇETİN Y.

23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Türkiye, 16 - 19 Mayıs 2015,  
ss.2341-2344

**VIII. Endmember Signature Based Detection of Flammable Gases in LWIR Hyperspectral Images**

Omruuzun F., ÇETİN Y.

Conference on Advanced Environmental, Chemical, and Biological Sensing Technologies XII, Maryland, Amerika  
Birleşik Devletleri, 20 - 21 Nisan 2015

**IX. UTILIZING HYPERSPECTRAL REMOTE SENSING IMAGERY FOR AFFORESTATION PLANNING OF  
PARTIALLY COVERED AREAS**

Omruuzun F., Baskurt D. O., Daglayan H., Cetin Y. Y.

Conference on Image and Signal Processing for Remote Sensing XXI, Toulouse, Fransa, 21 - 23 Eylül 2015

**X. Hyperspectral Unmixing Based Analysis of Forested Areas**

BAŞKURT N. D., Omruuzun F., ÇETİN Y.

23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Türkiye, 16 - 19 Mayıs 2015,  
ss.2329-2332

**XI. DTW BASED SIGNAL ALIGNMENT FOR ENHANCING CO<sub>2</sub> DETECTION IN MWIR  
HYPERSPECTRAL IMAGERY**

Omruuzun F., Baskurt D. O., Cetin Y. Y.

7th Workshop on Hyperspectral Image and Signal Processing - Evolution in Remote Sensing (WHISPERS), Tokyo,  
Japonya, 2 - 05 Haziran 2015

## Metrikler

Yayın: 12

Atıf (WoS): 8

Atıf (Scopus): 37

H-İndeks (WoS): 2

H-İndeks (Scopus): 4