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Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Novel Semantic Content-Based Retrieval System for Hyperspectral Remote Sensing Imagery**
Ömrüzun F., Yardımcı Çetin Y., Leloğlu U. M., Demir B.
REMOTE SENSING, vol.16, no.8, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- 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, Turkey, 16 - 19 May 2016, pp.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 September 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, Chile, 21 - 24 August 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, Turkey, 16 - 19 May 2016, pp.1505-1508
- V. **DTW based signal alignment for enhancing CO2 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, Japan, 2 - 05 June 2015, vol.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, United States Of America, 20 - 22 April 2015
- VII. **Gas Detection in Longwave Infrared Hyperspectral Imagery and Black Body Effect Compensation**
Omruuzun F., ÇETİN Y.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.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, United States Of America, 20 - 21 April 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, France, 21 - 23 September 2015

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

BAŞKURT N. D., Omruuzun F., ÇETİN Y.

23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.2329-2332

XI. **DTW BASED SIGNAL ALIGNMENT FOR ENHANCING CO₂ 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, Japan, 2 - 05 June 2015

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