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International Researcher IDs

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Education Information

Doctorate, Kocaeli University, Mühendislik Fakültesi, Elektronik ve Haberleşme Mühendisliği, Turkey 2022 - Continues
Postgraduate, Istanbul Technical University, Lisansüstü Eğitim Enstitüsü, Electronics and Communication Engineering, Turkey 2018 - 2021

Undergraduate, Istanbul University, Turkey 2013 - 2018

Research Areas

Electrical and Electronics Engineering, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Kocaeli University, Mühendislik Fakültesi, Elektronik ve Haberleşme Mühendisliği, 2019 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Nonnegative matrix factorization-based environmental monitoring of marine mucilage**
Esi Ç., Ertürk A., Erten E.
INTERNATIONAL JOURNAL OF REMOTE SENSING, vol.45, no.11, pp.3764-3788, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. A SHAP-Based Analysis of Remote Sensing Indices for Marine Mucilage Detection and Mapping**
Yardımcı F., Esi Ç., Ertürk A.
2024 IEEE International Geoscience and Remote Sensing Symposium (IGARSS), Athens, Greece, 7 - 12 July 2024, pp.1-4
- II. Nonlinear Unmixing Based Marine Mucilage Monitoring**
Esi Ç., Ertürk A., Benhalouche F. Z., Karoui M. S., Deville Y.
2024 IEEE International Geoscience and Remote Sensing Symposium (IGARSS), Athens, Greece, 7 - 12 July 2024, pp.1-4

- III. **Informed NMF-Based Unmixing Method Addressing Spectral Variability for Marine Mucilage Mapping using Hyperspectral PRISMA Data**
Karoui M. S., Ertürk A., Benhalouche F. Z., Deville Y., Esi Ç.
2024 IEEE International Geoscience and Remote Sensing Symposium (IGARSS), Athens, Greece, 7 - 12 July 2024, pp.1-4
- IV. **Unmixing Based Mucilage Analysis from GÖKTÜRK-I Data**
Esi Ç., Ertürk A., Ergül H. A.
32. IEEE Sinyal İşleme ve İletişim Uygulamaları Kurultayı (SIU 2024), Mersin, Turkey, 15 - 18 May 2024, pp.1-4
- V. **Generalized Linear Mixing Model Based Environmental Monitoring of Marine MucilageE**
Esi Ç., Ertürk A., Karoui M. S.
2024 IEEE Mediterranean and Middle-East Geoscience and Remote Sensing Symposium (M2GARSS), Oran, Algeria, 15 - 17 April 2024, pp.1-5
- VI. **Generalized Linear Mixing Model Based Environmental Monitoring of Marine Mucilage**
EŞİ Ç., ERTÜRK A., Karoui M. S.
2024 IEEE Mediterranean and Middle-East Geoscience and Remote Sensing Symposium, M2GARSS 2024, Virtual, Online, Algeria, 15 - 17 April 2024, pp.419-423
- VII. **Unmixing with Spectral Variability for Marine Mucilage Analysis**
Esi Ç., Ertürk A., Karoui M. S.
13th Workshop on Hyperspectral Image and Signal Processing: Evolution in Remote Sensing (WHISPERS), Athens, Greece, 31 October - 02 November 2023, pp.1-5
- VIII. **Temporal Analysis of Marine Mucilage in the Sea of Marmara using Unmixing Based Change Detection**
Esi Ç., Ok A. Ö., Erten E., Ertürk A.
IEEE International Geoscience and Remote Sensing Symposium (IGARSS) 2023, California, United States Of America, 16 - 21 July 2023, pp.1-4

Metrics

Publication: 9