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Personal Information

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International Researcher IDs

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Education Information

Postgraduate, Istanbul Technical University, Bilişim Enstitüsü, Bilişim Uygulamaları, Turkey 2016 - 2018

Undergraduate, Istanbul Technical University, Elektrik Elektronik Fakültesi, Elektronik Ve Haberleşme Mühendisliği, Turkey 2012 - 2016

Research Areas

Technical Sciences, Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition

Academic Titles / Tasks

Research Assistant, Istanbul Technical University, Bilişim Enstitüsü, Bilişim Uygulamaları, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **PURSUhInT: In Search of Informative Hint Points Based on Layer Clustering for Knowledge Distillation**
Keser R. K., Ayanzadeh A., Aghdam O. A., Kilcioglu C., Toreyin B. U., Ure N. K.
Expert Systems with Applications, vol.213, 2023 (SCI-Expanded)
- II. **Focus-and-Detect: A small object detection framework for aerial images**
Koyun O. C., Keser R. K., Akkaya I. B., Töreyn B. U.
SIGNAL PROCESSING-IMAGE COMMUNICATION, vol.104, 2022 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Graph Embedding for Link Prediction Using Residual Variational Graph Autoencoders**
Keser R. K., Nallbani I., Calik N., Ayanzadeh A., Töreyn B. U.
28th Signal Processing and Communications Applications Conference, SIU 2020, Gaziantep, Turkey, 5 - 07 October 2020
- II. **Autoencoder Based Dimensionality Reduction of Feature Vectors for Object Recognition**

KESER R. K., TÖREYİN B. U.

The 15th International Conference on Signal Image Technology Internet Based Systems, 26 - 29 November 2019

III. **Vehicle Logo Recognition with Reduced-Dimension SIFT Vectors Using Autoencoders**

Keser R. K., Töreyn B. U.

International Workshop on Computational Intelligence for Multimedia Understanding (IWCIM), Kos Adası, Greece, 02 September 2017, pp.92

Supported Projects

Töreyn B. U., Keser R. K., Savcı M. M., Project Supported by Higher Education Institutions, Yeni Nesil Kent Güvenlik Sistemleri için Özgün Veri Edinimi, Veri Sıkıştırılması ve Anılandırılması ile Veri/Karar Birleştirme Yöntemlerinin Geliştirilmesi, 2017 - 2021

Metrics

Publication: 5

Citation (Scopus): 27

H-Index (Scopus): 2