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Kişisel Bilgiler

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Araştırma Alanları

Algoritmalar, Biyoenformatik, Veritabanı ve Veri Yapıları, Yapay Zeka, Bilgisayarda Öğrenme ve Örütü Tanıma, Yazılım, Biyomedikal Mühendisliği

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Outlier detection and quasi-periodicity optimization algorithm: Frequency domain based outlier detection (FOD)**
Erkuş E. C., Purutcuoglu V.
EUROPEAN JOURNAL OF OPERATIONAL RESEARCH, cilt.291, sa.2, ss.560-574, 2021 (SCI-Expanded)
- II. **Detection of abnormalities in heart rate using multiple Fourier transforms**
Erkuş E. C., Purutcuoglu V., Purutcuoglu E.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, cilt.16, ss.5237-5242, 2019 (SCI-Expanded)
- III. **A comparative stationarity analysis of EEG signals**
RASOULZADEH V., ERKUŞ E. C., YOĞURT T. A., ULUSOY İ., Zergeroglu S. A.
ANNALS OF OPERATIONS RESEARCH, cilt.258, sa.1, ss.133-157, 2017 (SCI-Expanded)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **A new frequency domain and dynamic time warping based feature: WFOD feature**
ERKUŞ E. C., PURUTÇUOĞLU V.
2nd International Conference on Advanced Information Scientific Development: Innovating Scientific Learning for Deep Communication, ICAISD 2021, Jakarta, Endonezya, 5 - 06 Ağustos 2021, cilt.2714
- II. **Comparison of several machine learning classifiers for arousal classification: A preliminary study**
Erkuş E. C., Purutçuoğlu Gazi V., Arı F., Gökcay D.
Medical Technologies Congress (TIPTEKNO 2020), İstanbul, Türkiye, 19 - 20 Kasım 2020, ss.161-167
- III. **Dinamik Zaman Işınlaması (DTW) Yönteminin Motor Görev fNIRS Verileri Sınıflandırılmasında Özelliğin Olarak Kullanımının Etkisi**
Erkuş E. C., Purutçuoğlu Gazi V.
18. Ulusal Sinirbilim Kongresi, Ankara, Türkiye, 6 - 09 Kasım 2020, ss.207
- IV. **Feature Extraction of Hidden Oscillation in ECG Data via Multiple-FOD Method**
Erkuş E. C., Purutçuoğlu Gazi V.
International Conference on Artificial Intelligence and Applied Mathematics in Engineering, Antalya, Türkiye, 20 - 22

Nisan 2019, cilt.43, ss.47-56

- V. **Preliminary Results in Evaluating the Pleasantness of an Interviewing Candidate Based on Psychophysiological Signals**
ARI F., AVENOĞLU B., İLERİ F., ERKUŞ E. C., HACIHABİBOĞLU H.
eINTERFACE'19 The 15th International Summer Workshop on Multimodal Interfaces, Ankara, Türkiye, 8 Temmuz - 02 Ağustos 2019
- VI. **Description of Turkish Construction Sector via İstanbul Turkish Stock Market Data**
PURUTÇUOĞLU GAZİ V., ERKUŞ E. C.
5th International Conference on Natural and Engineering Sciences, 27 - 30 Ağustos 2019
- VII. **Description of Turkish Construction Sector via İstanbul Stock Market Data**
Erkuş E. C., Purutçuoğlu Gazi V.
5th International Conference on Natural and Engineering Sciences, İstanbul, Türkiye, 27 - 30 Ağustos 2019, ss.18-23
- VIII. **Detection of hidden patterns in time series data via multiple-time FOD method**
Erkuş E. C., Purutçuoğlu Gazi V.
30th European Conference on Operational Research (EURO 2019), Dublin, İrlanda, 23 - 26 Haziran 2019, ss.76
- IX. **Calculation of optimal number of Monte Carlo runs for normally distributed datasets**
Erkuş E. C., Purutçuoğlu Gazi V.
International Conference on Applied Analysis and Mathematical Modeling, İstanbul, Türkiye, 10 - 12 Mart 2019, ss.1-5
- X. **Detection of Abnormalities in Heart Rate Using Multiple Fourier Transforms**
Erkuş E. C., Purutçuoğlu Gazi V.
5th International Conference on Computational and Experimental Science and Engineering, Antalya, Türkiye, 12 Ekim 2018, ss.1
- XI. **Two-stage outlier detection algorithm based on Fourier transform: Real data applications**
Erkuş E. C., Purutçuoğlu Gazi V.
International Conference on Innovative Engineering Applications, Sivas, Türkiye, 20 Eylül 2018, ss.30-37
- XII. **Outlier detection methods for time series datasets**
Erkuş E. C., Purutçuoğlu Gazi V.
4th International Researchers, Statisticians and Young Statisticians Congress, İzmir, Türkiye, 28 - 30 Nisan 2018, ss.69
- XIII. **The Interpretation of the Effective Connectivity Maps Obtained by Using Dynamic Bayesian Networks on EEG Data**
ERKUŞ E. C., ULUSOY İ.
20th National Biomedical Engineering Meeting (BIYOMUT), İzmir, Türkiye, 3 - 05 Kasım 2016

Metrikler

Yayın: 18

Atıf (WoS): 21

Atıf (Scopus): 33

H-İndeks (WoS): 2

H-İndeks (Scopus): 3