



ÖĞR. GÖRÜMUT KURAN

Kişisel Bilgiler

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Birimi : Bilgisayar Bilimleri

Dahili : 1429

Makaleler (YOKSIS)

- 1 A novel approach for autocorrelation-based classification of environmental audio signals using recurrent network and metaheuristic algorithms**
ER MEHMET BİLAL, İLHAN NAGEHAN, GÜNER KEMAL, KURAN UMUT
Signal, Image, and Video Processing, <https://link.springer.com/article/10.1007/s11760-025-04242-0>
- 2 A novel approach for bird sound classification with cross correlation by denoising with complementary ensemble empirical mode decomposition using B-spline and LSTM features**
ER MEHMET BİLAL, KURAN UMUT, İLHAN NAGEHAN
Applied Acoustics, <https://www.sciencedirect.com/science/article/pii/S0003682X25000738>
- 3 Classification of Diffusion Constants of Transmitter and Receiver and Distance Between Them Using Mobile Molecular Communication via Diffusion Model**
ER MEHMET BİLAL, IŞIK İBRAHİM, KURAN UMUT, IŞIK ESME
Arabian Journal for Science and Engineering, <https://doi.org/10.1007/s13369-024-09221-0>
- 4 Enhanced Disease Detection Using Contrast Limited Adaptive Histogram Equalization and Multi-Objective Cuckoo Search in Deep Learning**
ÇİĞ HARUN, GÜLLÜOĞLU MEHMET TAHİR, ER MEHMET BİLAL, KURAN UMUT, KURAN EMRE CAN
Traitement du Signal, <http://dx.doi.org/10.18280/ts.400308>
- 5 Enhancing Conjunctival Vasculature Imaging: A Multi-Objective Cuckoo Search Approach for Contrast Enhancement Optimization**
Quintana Clara Llorens, KURAN UMUT, KURAN EMRE CAN, Madrid-Costa David
Translational Vision Science and Technology, <https://tvst.arvojournals.org/article.aspx?articleid=2810881>
- 6 Evrişimli Sinir Ağlarında Transfer Öğrenmesi ile GAN tarafından Üretilen Sahte Görüntü Tespiti**
ECEMİŞ ELMACI ECE, GÜNER KEMAL, KURAN UMUT, KURAN EMRE CAN
Mühendislik bilimleri ve araştırmaları dergisi (Online),
- 7 Parameter Selection for CLAHE using Multi-objective Cuckoo Search Algorithm for Image Contrast Enhancement**

- 7 KURAN UMUT, KURAN Emre Can
Intelligent Systems with Applications, <http://dx.doi.org/10.1016/j.iswa.2021.200051>

Bildiriler (YOKSIS)

- 1 **A Hybrid BiLSTM-CRF Model With BERT Embeddings for Named Entity Recognition on Confidential Synthetic Data**
KURAN Emre Can, ELEN ABDULLAH, KURAN UMUT
V. International Science and Innovation Congress (INSI) , <https://www.insicongress.com/wp-content/uploads/2024/10/INSI-2024-Proceedings-Book.pdf>
- 2 **A Knee X-ray Image Enhancement Method Combining Enhanced Super-Resolution Generative Adversarial Network and Contrast Limited Adaptive Histogram Equalization**
KURAN Emre Can, KURAN UMUT, ER MEHMET BİLAL
International Congress of Electrical and Computer Engineering ,
https://www.researchgate.net/publication/358751664_A_Knee_X-ray_Image_Enhancement_Method_Combining_Enhanced_Super-Resolution_Generative_Adversarial_Network_and_Contrast_Limited_Adaptive_Histogram_Equalization
- 3 **An Epileptic Seizure Detection Method Based on Classification of Statistical Features Extracted from Electroencephalographic Signals Using Standardized Variable Distances Algorithm**
ER MEHMET BİLAL, KURAN Emre Can, KURAN UMUT
International Aegean Scientific Research Symposium 2021 (IASRS'21) ,
<https://img1.wsimg.com/blobby/go/5c96c881-66df-44cb-9415-33efae60e4e7/UEBAS21%20bildiri%20kitab%C4%B1-0001.pdf>
- 4 **Breast Cancer Diagnosis Using Neural Networks with Standardized Variable Distances Algorithm**
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https://www.iconsad.org/_files/ugd/1dd905_5b9acae43f9a41c99b53c71e8e0b1105.pdf
- 5 **Classification of Makam structures in Turkish art music with using artificial neural network**
ER MEHMET BİLAL, ÇİĞ HARUN, KURAN UMUT
2017 International Artificial Intelligence and Data Processing Symposium (IDAP) ,
<http://dx.doi.org/10.1109/idap.2017.8090276>
- 6 **Enhancement of Microscopic Images Using Deblurring Generative Adversarial Networks and Exposure Based Sub-Image Histogram Equalization Methods**
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4. International Sciences and Innovation Congress ,
https://www.isarconference.org/_files/ugd/6dc816_38574de3a8de4aba84d40aaab92b5758.pdf
- 7 **Epileptic Seizure Detection via EEG Signals with Feature Extraction Technique Based on Cubic Spline Interpolation (In English)**
KURAN Emre Can, ER MEHMET BİLAL, KURAN UMUT
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<https://ieeexplore.ieee.org/document/9477895/>
- 8 **Gender Determination of Cats by Using Deep Learning on Cat Sound Spectrograms**
ER MEHMET BİLAL, KURAN Emre Can, KURAN UMUT
MAS 16th INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS, ENGINEERING, NATURAL & MEDICAL SCIENCES ,
https://www.masjournal.co.uk/_files/ugd/614b1f_5c6374a57e5d4f6eb61abc41b90745ed.pdf

- 9 Maximum Curvature Point Based Sub-Image Histogram Equalization for Retinal Image Enhancement**
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- 10 Sub-Image Histogram Equalization using Coot Optimization Algorithm for Segmentation and Parameter Selection**
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Artificial Intelligence and Applications , <http://dx.doi.org/10.5121/csit.2022.120903>
- 11 Understanding the Impacts of Multilingualism on the Turkish Language using Search Engines**
AKASLAN DURSUN, KURAN UMUT
The 9th Edition of International Conference ICT for Language Learning , <https://conference.pixel-online.net/ICT4LL/FOE/files/ict4ll/ed0009/FP/3288-MUL2113-FP-ICT4LL9.pdf>