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Education Information

Doctorate, Abdullah Gul University, Fen Bilimleri Enstitüsü, Elektrik Ve Bilgisayar Mühendisliği Anabilim Dalı (Disiplinlerarası), Turkey 2018 - Continues

Postgraduate, Sivas Cumhuriyet University, Sosyal Bilimler Enstitüsü, Yönetim Bilişim Sistemleri (YI) (Tezli), Turkey 2015 - 2018

Undergraduate, Mehmet Akif Ersoy Üniversitesi, Bucak Zeliha Tolunay Uygulamalı Teknoloji Ve İşletmecilik Yüksekokulu, Yönetim Bilişim Sistemleri Bölümü, Turkey 2009 - 2013

Dissertations

Postgraduate, Otomatik Doküman Özetleme Yöntemlerinin Karşılaştırılması, Sivas Cumhuriyet Üniversitesi, Sosyal Bilimler Enstitüsü, Yönetim Bilişim Sistemleri (YI) (Tezli), 2018

Research Areas

Artificial Intelligence, Computer Learning and Pattern Recognition

Academic Titles / Tasks

Research Assistant, Sivas Cumhuriyet University, İktisadi Ve İdari Bilimler Fakültesi, Yönetim Bilişim Sistemleri Bölümü, 2015 - Continues

Courses

Kurumsal Kaynak Planlama Entegrasyonu, Undergraduate, 2018 - 2019

Mobil Programlama, Undergraduate, 2019 - 2020

Mobil Programlama, Undergraduate, 2019 - 2020

Mobil Programlama, Undergraduate, 2017 - 2018, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A deep learning-based solution for digitization of invoice images with automatic invoice generation and labelling**
Arslan H., Işık Y. E., Görmez Y.
INTERNATIONAL JOURNAL ON DOCUMENT ANALYSIS AND RECOGNITION, vol.27, no.1, pp.97-109, 2024 (SCI-Expanded)
- II. **Machine Learning and Text Mining based Real-Time Semi-Autonomous Staff Assignment System**
Arslan H., Işık Y. E., Görmez Y., Temiz M.
Computer Science and Information Systems, vol.21, no.1, pp.75-94, 2024 (SCI-Expanded)
- III. **Comparative analysis of machine learning approaches for predicting respiratory virus infection and symptom severity**
IŞIK Y. E., AYDIN Z.
PeerJ, vol.11, 2023 (SCI-Expanded)
- IV. **The Determination of Distinctive Single Nucleotide Polymorphism Sets for the Diagnosis of Behcet's Disease**
IŞIK Y. E., GÖRMEZ Y., AYDIN Z., Bakir-Gungor B.
IEEE-ACM TRANSACTIONS ON COMPUTATIONAL BIOLOGY AND BIOINFORMATICS, vol.19, no.3, pp.1909-1918, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **A novel hybrid model for bluetooth low energy-based indoor localization using machine learning in the internet of things**
GÖRMEZ Y., ARSLAN H., IŞIK Y. E., TOMAÇ S.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.30, no.1, pp.36-43, 2024 (ESCI)
- II. **Developing Novel Deep Learning Models to Detect Insider Threats and Comparing the Models from Different Perspectives**
GÖRMEZ Y., ARSLAN H., IŞIK Y. E., GÜNDÜZ V.
INTERNATIONAL JOURNAL OF INFORMATICS TECHNOLOGIES, vol.17, no.1, pp.31-43, 2024 (Peer-Reviewed Journal)
- III. **A User and Entity Behavior Analysis for SIEM Systems: Preprocessing of The Computer Emergency and Response Team Dataset**
Görmez Y., Arslan H., Işık Y. E., Dadaş İ. E.
Journal of Soft Computing and Artificial Intelligence, vol.4, no.1, pp.1-6, 2023 (Peer-Reviewed Journal)
- IV. **Classification of Support Tickets using Different Vectorization and Pre-Processing Methods**
ARSLAN H., DADAŞ İ. E., IŞIK Y. E.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.10, no.3, pp.1433-1442, 2022 (Peer-Reviewed Journal)
- V. **FBSEM: A Novel Feature-Based Stacked Ensemble Method for Sentiment Analysis**
GÖRMEZ Y., IŞIK Y. E., TEMİZ M., AYDIN Z.
International Journal of Information Technology and Computer Science, vol.12, pp.11-22, 2020 (Peer-Reviewed Journal)
- VI. **Makine Öğrenmesi ve Öznitelik Seçim Yöntemleriyle Saldırı Tespiti**
KAYNAR O., ARSLAN H., GÖRMEZ Y., IŞIK Y. E.
Bilişim Teknolojileri Dergisi, vol.11, no.2, pp.175-185, 2018 (Peer-Reviewed Journal)
- VII. **OTOMATİK METİN ÖZETLEME İÇİN GENETİK ALGORİTMA TABANLI CÜMLE ÇIKARIMI**
KAYNAR O., IŞIK Y. E., GÖRMEZ Y., DEMİRKOPARAN F.
Yönetim Bilişim Sistemleri Dergisi, vol.3, pp.62-75, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **BLOCKCHAIN BASED VEHICLE REGISTRATION SYSTEM**
ÖRNEK F., GÜLER Z., IŞIK Y. E., ARSLAN H.
IV. International Science and Innovation Congress, Turkey, 27 July 2023, pp.41
- II. **Türkçe Faturaların Dijitalleştirilmesi Sürecinde Açık Kaynak Kodlu Optik Karakter Tanımlama Kütüphanelerinin Karşılaştırılması**
SAĞLIK M., KAYA M. Z., IŞIK Y. E., ARSLAN H.
International Cumhuriyet Artificial Intelligence Applications Conference'22 (CAIAC'22), Sivas, Turkey, 08 December 2022
- III. **Development of Syslog Module for Connecting Sap Systems to SIEM Software**
ARSLAN H., GÜNDÜZ V., IŞIK Y. E., GÖRMEZ Y.
14th INTERNATIONAL CONFERENCE ON ENGINEERING & NATURAL SCIENCES, Sivas, Turkey, 18 July 2022, pp.642-643
- IV. **Tracking IoT Based Production Lines, 3d Monitoring and the Platform of Productivity Analysis**
GÖRMEZ Y., ARSLAN H., IŞIK Y. E., ELYAKAN M. L.
14th INTERNATIONAL CONFERENCE ON ENGINEERING & NATURAL SCIENCES, Sivas, Turkey, 18 July 2022
- V. **NSEM: Novel Stacked Ensemble Method for Sentiment Analysis**
IŞIK Y. E., GÖRMEZ Y., KAYNAR O., AYDIN Z.
2018 International Conference on Artificial Intelligence and Data Processing (IDAP), Turkey, 28 - 29 September 2018
- VI. **NSEM: Duygu Analizi için Özgün Yığınlanmış Topluluk Yöntemi(NSEM: Novel Stacked Ensemble Method for Sentiment Analysis)**
IŞIK Y. E., GÖRMEZ Y., KAYNAR O., AYDIN Z.
IEEE 2018 International Conference on Artificial Intelligence and Data Processing (IDAP), Malatya, Turkey, 28 - 30 September 2018, pp.1-4
- VII. **The Identification of Discriminative Single Nucleotide Polymorphisms for the Classification of Behçets Disease**
GÖRMEZ Y., IŞIK Y. E., GÜNGÖR B.
International Conference on Computer Science and Engineering (UBMK), 20 - 23 September 2018
- VIII. **Protein İkincil Yapı Tahmini İçin Makine Öğrenmesi Yöntemlerinin Karşılaştırılması (Comparison of machine learning classifiers for protein secondary structure prediction)**
AYDIN Z., KAYNAR O., GÖRMEZ Y., IŞIK Y. E.
IEEE Conferences 2018 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018, vol.1
- IX. **Otomatik Doküman Özetleme Sistemleri için Mobil Uygulama(Mobil application for automatic document summarization systems)**
KAYNAR O., IŞIK Y. E., GÖRMEZ Y., KUS E.
IEEE Conferences 2018 26th Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- X. **The Identification of Discriminative Single Nucleotide Polymorphism Sets for the Classification of Behcet's Disease**
GÖRMEZ Y., IŞIK Y. E., BAKIR-GUNGÖR B.
3rd International Conference on Computer Science and Engineering (UBMK), Sarajevo, Bosnia And Herzegovina, 20 - 23 September 2018, pp.443-447
- XI. **Comparison of graph based document summarization method**
KAYNAR O., GÖRMEZ Y., IŞIK Y. E., DEMİRKOPARAN F.
2017 International Conference on Computer Science and Engineering (UBMK), Turkey, 05 October 2017
- XII. **Genetic Algorithm Based Sentence Extraction for Automatic Text Summarization**
KAYNAR O., IŞIK Y. E., GÖRMEZ Y., DEMİRKOPARAN F.
4th International Management Information Systems Conference "Industry 4.0", İstanbul, Turkey, 17 October 2017, pp.127

- XIII. **Çizge tabanlı doküman özetleme yöntemlerinin karşılaştırılması (Comparison of graph based document summarization method)**
KAYNAR O., GÖRMEZ Y., IŞIK Y. E., DEMİRKOPARAN F.
IEEE Conferences 2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.598-603
- XIV. **RFM Tabanlı Farklı Kümeleme Yöntemleriyle Müşteri Segmentasyonu**
KAYNAR O., DEVECİ M. A., GÖRMEZ Y., IŞIK Y. E.
International Conference on "Scientific Cooperation for the Future in Economics and Administrative Sciences, Selanik, Greece, 6 - 08 September 2017, pp.21
- XV. **Oto kodlayıcı tabanlı derin öğrenme makinaları ile saldırı tespiti (Intrusion detection with autoencoder based deeplearning machine)**
KAYNAR O., YÜKSEK A. G., GÖRMEZ Y., IŞIK Y. E.
IEEE Conferences 25. SINYAL ISLEME ve ILETISIM UYGULAMALARI KURULTAYI, Antalya, Turkey, 15 - 18 May 2017
- XVI. **Farklı Benzerlik Yöntemleriyle Çizge Tabanlı Otomatik Doküman Özetleme (Graph Based Automatic Document Summarization with Different Similarity Methods)**
KAYNAR O., IŞIK Y. E., GÖRMEZ Y., DEMİRKOPARAN F.
IEEE Conferences 25. SINYAL ISLEME ve ILETISIM UYGULAMALARI KURULTAYI, Antalya, Turkey, 15 - 18 May 2017
- XVII. **Intrusion detection with autoencoder based deep learning machine**
KAYNAR O., YÜKSEK A. G., GÖRMEZ Y., IŞIK Y. E.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XVIII. **Fabric Defect Detection with LBP-GLMC**
KAYNAR O., IŞIK Y. E., GÖRMEZ Y., DEMİRKOPARAN F.
2017 International Artificial Intelligence and Data Processing Symposium (IDAP), Malatya, Turkey, 16 - 17 September 2017
- XIX. **Graph Based Automatic Document Summarization with Different Similarity Methods**
KAYNAR O., IŞIK Y. E., GÖRMEZ Y.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- XX. **Değişik Kümeleme Algoritmalarıyla Eğitilmiş Radyal Tabanlı Yapay Sinir Ağlarıyla Saldırı Tespiti**
KAYNAR O., GÖRMEZ Y., IŞIK Y. E., DEMİRKOPARAN F.
International Artificial Intelligence and Data Processing Symposium, 17 - 18 September 2016
- XXI. **OTO KODLAYICI TABANLI DERİN ÖĞRENME MAKİNALARI İLE SPAM TESPİTİ**
KAYNAR O., GÖRMEZ Y., IŞIK Y. E.
3. rd International Management Information System Conferance, İzmir, Turkey, 6 - 08 October 2016, pp.44-54

Supported Projects

Işık Y. E., Görmez Y., Demirkoparan F., Kaynar O., Project Supported by Higher Education Institutions, OTOMATİK DOKÜMAN ÖZETLEME, 2017 - 2018

Metrics

Publication: 32

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