

Asst. Prof. SAİT CAN YÜCEBAŞ

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International Researcher IDs

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Publons / Web Of Science ResearcherID: JAN-6981-2023

ScopusID: 24491277000

Yoksis Researcher ID: 42088

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Natural Language Processing, Neural Networks, Software, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2023 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2016 - 2023

Research Assistant PhD, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2014 - 2016

Research Assistant, Middle East Technical University, Graduate School Of Informatics, Medical Informatics, 2006 - 2013

Academic and Administrative Experience

Deputy Head of Department, Canakkale Onsekiz Mart University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2021 - Continues

Assistant Director of the Institute, Canakkale Onsekiz Mart University, Lisansüstü Eğitim Enstitüsü, 2018 - 2019

Courses

Yapısal Programlama, Undergraduate, 2023 - 2024, 2022 - 2023, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Object Oriented Analysis and Design, Undergraduate, 2023 - 2024

Veri Madenciliği ve Tıp Uygulamaları, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Data Mining Applications, Doctorate, 2023 - 2024, 2022 - 2023, 2021 - 2022

Advanced MEthods in Data Mining, Postgraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Nesneye Yönelik Programlama, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Data Mining, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Price Prediction and Determination of the Affecting Variables of the Real Estate by Using X-Means Clustering and CART Decision Trees**
YÜCEBAŞ S. C., Yalpir S., GENÇ L., Dogan M.
Journal of Universal Computer Science, vol.30, no.4, pp.531-560, 2024 (SCI-Expanded)
- II. **Predictors of rapidly progressive glomerulonephritis in acute poststreptococcal glomerulonephritis**
Karakaya D., Güngör T., Çakıcı E. K., Yazılıtaş F., Çelikkaya E., YÜCEBAŞ S. C., Bülbül M.
Pediatric Nephrology, vol.38, no.9, pp.3027-3033, 2023 (SCI-Expanded)
- III. **A novel approach to distinguish complicated and non-complicated acute cholecystitis: Decision tree method**
Gojavev A., Karakaya E., Erkent M., YÜCEBAŞ S. C., Aydın H. O., Kavasoglu L., Aydoğan C., Yildirim S.
Medicine, vol.102, no.19, 2023 (SCI-Expanded)
- IV. **AN ONTOLOGY BASED PRODUCT RECOMMENDATION SYSTEM FOR NEXT GENERATION E-RETAIL**
TİRYAKİ A. M., YÜCEBAŞ S. C.
Journal of Organizational Computing and Electronic Commerce, vol.33, no.1-2, pp.1-21, 2023 (SCI-Expanded)
- V. **Optimized decision tree and black box learners for revealing genetic causes of bladder cancer**
YÜCEBAŞ S. C.
Intelligent Automation and Soft Computing, vol.37, no.1, pp.49-71, 2023 (SCI-Expanded)
- VI. **A deep learning analysis for the effect of individual player performances on match results**
YÜCEBAŞ S. C.
NEURAL COMPUTING & APPLICATIONS, vol.34, no.15, pp.12967-12984, 2022 (SCI-Expanded)
- VII. **Developing a patient-friendly electronic nose device for home monitoring of phenylketonuria disease**
Özer I., Kızıl Ü., Aksu S., Yücebaş S. C.
JOURNAL OF INHERITED METABOLIC DISEASE, vol.45, no.S1, pp.726, 2022 (SCI-Expanded)
- VIII. **A new approach to the management of acute appendicitis: Decision tree method**
Erkent M., Karakaya E., YÜCEBAŞ S. C.
AMERICAN JOURNAL OF EMERGENCY MEDICINE, vol.54, pp.142-146, 2022 (SCI-Expanded)
- IX. **p A model for acute kidney injury in severe burn patients**
Karakaya E., Akdur A., Aydoğan C., Turk E., SAYIN C. B., Soy E. A., YÜCEBAŞ S. C., Alshalabi O., HABERAL M.
BURNS, vol.48, no.1, pp.69-77, 2022 (SCI-Expanded)
- X. **GovdeTurk: A Novel Turkish Natural Language Processing Tool for Stemming, Morphological Labelling and Verb Negation**
Yucebas S. C., Tintin R.
INTERNATIONAL ARAB JOURNAL OF INFORMATION TECHNOLOGY, vol.18, no.2, pp.148-157, 2021 (SCI-Expanded)
- XI. **Evaluation with Decision Trees of Efficacy and Safety of Semirigid Ureteroscopy in the Treatment of Proximal Ureteral Calculi**
SANCAK E. B., Kilinc M. F., YÜCEBAŞ S. C.
UROLOGIA INTERNATIONALIS, vol.99, no.3, pp.320-325, 2017 (SCI-Expanded)
- XII. **A prostate cancer model build by a novel SVM-ID3 hybrid feature selection method using both genotyping and phenotype data from dbGaP**
Yücebaş S. C., AYDIN SON Y.
PLoS ONE, vol.9, no.3, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Determination of the relationship between housing characteristics and housing prices before and after the Kahramanmaraş earthquake using machine learning: A case study of Adana, Türkiye**
Doğan S., Genç L., Yücebaş S. C., Uşaklı M., Dumlu C.
MEGARON, vol.19, no. 2, pp.259-274, 2024 (ESCI)
- II. **Predicting of Bacteremia in Patients with Brucellosis Using Machine Learning Methods**
Çelik M., CEYLAN M. R., Altındağ D., GÜLER DİNCER N., YÜCEBAŞ S. C., ALKAN S.
JOURNAL OF CONTEMPORARY MEDICINE, vol.13, no.3, pp.1-9, 2023 (Peer-Reviewed Journal)
- III. **Glokom Hastalarında Optik Sinir Başı, Retina Sinir Lifi Tabakası ve Retina Gangliyon Hücre Kompleksinin Retrospektif Olarak Derin Öğrenme ile Değerlendirilmesi**
ERŞAN İ., YÜCEBAŞ S. C., TURGUT B.
Necmettin Erbakan University, vol.3, no.1, pp.1-4, 2023 (Peer-Reviewed Journal)
- IV. **A C4.5 – CART DECISION TREE MODEL FOR REAL ESTATE PRICE PREDICTION AND THE ANALYSIS OF THE UNDERLYING FEATURES**
Yücebaş S. C., Doğan M., Genç L.
Konya mühendislik bilimleri dergisi (Online), vol.10, no.1, pp.147-161, 2022 (Peer-Reviewed Journal)
- V. **Sağlık Hizmetleri Meslek Yüksek Okulu Öğrencilerinin Yapay Zeka Hakkında Bilgi Düzeylerinin İncelenmesi**
Öntürk Akyüz H., Alkan S., Yücebaş S. C.
Medical Research Reports, vol.4, no.3, pp.28-35, 2021 (Peer-Reviewed Journal)
- VI. **K-Ortalama Kümelerinin Sınıf Bilgisi Olarak Karar AğacıOluşturmada Kullanılması ve Glokom Çoklu SınıflandırılmasındaBaşarıma Etkisi**
Yücebaş S. C., KINACI A. C.
Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.4, no.2, pp.747-755, 2016 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Deep Learning Model with Attention Mechanism for Dental Image Segmentation**
Karacan M. H., YÜCEBAŞ S. C.
4th International Congress on Human-Computer Interaction, Optimization and Robotic Applications, HORA 2022, Ankara, Turkey, 9 - 11 June 2022
- II. **Glokom Hastalarında Optik Sinir Başı, Retina Sinir Lifi Tabakası Ve Retina Gangliyon Hücre Kompleksinin Retrospektif Olarak Derin Öğrenme İle Değerlendirilmesi**
Erşan İ., Yücebaş S. C., Turgut B.
INTERNATIONAL CONGRESS ON MEDICINE LIFE SCIENCE AND HEALTHCARE, Çorum, Turkey, 26 - 28 April 2021, pp.256-260
- III. **Analysis of the Effects of Sportsman Activities on Match Results with Decision Tree Method: A Case Study of FIFA 2010 World Cup**
YÜCEBAŞ S. C., KOÇ H.
2. ULUSLARARASI19 MAYIS YENİLİKÇİ BİLİMSEL YAKLAŞIMLAR KONGRESİSosyal ve Beşeri Bilimler, Samsun, Turkey, 27 - 29 December 2019, vol.633
- IV. **Evaluation with decision tree of efficacy and safety of semirigid ureteroscopy in the treatment of proximal ureteral calculi**
SANCAK E. B., KILINÇ M. F., YÜCEBAŞ S. C.
4th EULIS Meeting Vienna, Austria, Austria, 5 - 07 October 2017, vol.16, pp.2495
- V. **Govde-Turk: A Turkish Stemming Method**
Yuceba S. C., Tintin R.
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.343-347

- VI. **Cost Reduction in Thyroid Diagnosis: A Hybrid Model with SOM and C4.5 Decision Trees**
KINACI A. C., YÜCEBAŞ S. C.
22nd International Conference on Neural Information Processing (ICONIP), İstanbul, Turkey, 9 - 12 November 2015, vol.9490, pp.440-448
- VII. **A novel SVM-ID3 Hybrid Feature Selection Method to Build a Disease Model for Melanoma using Integrated Genotyping and Phenotype Data from dbGaP**
AYDIN SON Y., YÜCEBAŞ S. C.
25th European Medical Informatics Conference (MIE), İstanbul, Turkey, 31 August - 03 September 2014, vol.205, pp.501-505
- VIII. **The effect of data set characteristics on the choice of clustering validity index type**
TAŞKAYA TEMİZEL T., Mizani M. A., İNKAYA T., Yucebas S. C.
22nd International Symposium on Computer and Information Sciences, ISCIS 2007, Ankara, Turkey, 7 - 09 November 2007, pp.169-174

Supported Projects

YÜCEBAŞ S. C., Project Supported by Higher Education Institutions, Karmaşık Hastalıkların Teşhisinde Genotip Fenotip Veri Entegrasyonu ve Veri Madenciliği Yöntem Testleri, 2014 - 2015

Metrics

Publication: 26

Citation (WoS): 34

Citation (Scopus): 52

H-Index (WoS): 3

H-Index (Scopus): 4