Asst. Prof. SAİT CAN YÜCEBAŞ

Personal Information

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International Researcher IDs
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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
Scientific Research and Ethics, Doctorate, 2020 - 2021
Advanced Topics in Databses, Postgraduate, 2019 - 2020, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

I. **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)

II. **A novel approach to distinguish complicated and non-complicated acute cholecystitis: Decision tree method**
Gojayev A., Karakaya E., Erkent M., YÜCEBAŞ S. C., Aydin H. O., Kavasoğlu L., Aydoğan C., Yildirim S.
Medicine, vol.102, no.19, 2023 (SCI-Expanded)

III. **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)

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. **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)

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. **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)

VIII. **p A model for acute kidney injury in severe burn patients**
Karakaya E., Akdur A., Aydogan 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)

IX. **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)

X. **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)

XI. **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. **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)

II. **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)

III. **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)

IV. **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)

V. **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

ERŞAN İ., YÜCEBAŞ S. C., Project Supported by Higher Education Institutions, Glokom hastalarında optik sinir başı retina sinir lifi tabakası ve retina gangliyon hücre kompleksinin retrospektif olarak derin öğrenme ile değerlendirilmesi, 2020 - 2021

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: 24
Citation (WoS): 23
Citation (Scopus): 30
H-Index (WoS): 2
H-Index (Scopus): 2