



Mustafa Temiz

Work permit: Turkish | **Date of birth:** 20/08/1991 | **Place of birth:** Sivas, Türkiye |

Nationality: Turkish | **Gender:** Male | **Phone number:** (+90) 3462191010 (Work) |

Phone number: (+90) 5073463985 (Mobile) | **Email address:** temiz.mustafa@outlook.com |

Address: Sivas, Sivas Merkez , Kayseri Cad., 53, Cumhuriyet Üniversitesi İktisadi ve İdari Bilimler Fakültesi Yönetim Bilişim Sistemleri Bölümü, 58050, Sivas, Türkiye (Work)

WORK EXPERIENCE

– SIVAS, TÜRKİYE

UNIVERSITY COMPUTER SCIENCE LECTURER – 12/08/2024 – CURRENT

- Teaching undergraduate and graduate courses
- Designing course syllabi and materials
- Conducting academic research
- Publishing papers in journals and conferences
- Supervising theses and student projects

– SIVAS CUMHURİYET ÜNİVERSİTESİ – SIVAS, TÜRKİYE

UNIVERSITY ASSISTANT – 22/08/2017 – 08/08/2024

– DETAY TEKNOLOJİ YAZILIM DANIŞMANLIK VE BİLGİSAYAR HİZMETLERİ TİCARET SANAYİ ANONİM ŞİRKETİ – SIVAS, TÜRKİYE

RESEARCHER – 16/08/2021 – 31/12/2024

EDUCATION AND TRAINING

2019 – 26/06/2024 Kayseri, Türkiye

PHD Abdullah Gul University

Website <https://w3.agu.edu.tr/>

2015 – 25/07/2018 Sivas, Türkiye

MASTER DEGREE Sivas Cumhuriyet University

Website <https://www.cumhuriyet.edu.tr/>

2010 – 23/06/2015 Kayseri, Türkiye

BACHELOR DEGREE Erciyes University

Website <https://www.erciyes.edu.tr/>

LANGUAGE SKILLS

Mother tongue(s): **TURKISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	C1	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● PROJECTS

14/06/2021 – 15/12/2021

Cevheri Döner Kanat İnsansız Hava Aracı (Cevheri Rotary-Wing Unmanned Aerial Vehicle)

Scientific research project supported by higher education institutions
Researcher: MUSTAFA TEMİZ, Principal Investigator: HİLMİ ATASEVEN

● PUBLICATIONS

2025

[Prediction of colorectal cancer based on taxonomic levels of microorganisms and discovery of taxonomic biomarkers using the Grouping-Scoring-Modeling \(G-S-M\) approach](#)

GÜNGÖR BURCU, TEMİZ MUSTAFA, Yousef Malik, Canakcımaksutoglu Beyza (2025), Title is given above, Computers in Biology and Medicine, 187, Doi: 10.1016/j.combiomed.2025.109813

Authors: GÜNGÖR BURCU, TEMİZ MUSTAFA, Yousef Malik, Canakcımaksutoglu Beyza | **Publisher:** Elsevier

2024

[Global and population-specific colorectal cancer prediction and metagenomic biomarker identification at different molecular levels using machine learning techniques](#)

GÜNGÖR BURCU, TEMİZ MUSTAFA, İnal Yasin, Çiçekyurt Emre, Yousef Malik (2024), Title is given above, Computers in Biology and Medicine, 182, Doi: 10.1016/j.combiomed.2024.109098 (Yayın No: 9112007)

Authors: GÜNGÖR BURCU, TEMİZ MUSTAFA, İnal Yasin, Çiçekyurt Emre, Yousef Malik | **Publisher:** Elsevier

2024

[Colorectal Cancer Prediction via Applying Recursive Cluster Elimination with Intra-cluster Feature Elimination on Metagenomic Pathway Data](#)

TEMİZ MUSTAFA, KUZUDİŞLİ CİHAN, Yousef Malik, GÜNGÖR BURCU (2024), Title is given above, International Conference on Intelligent and Fuzzy Systems. Doi: 10.1007/978-3-031-67195-1_34 (Full-text oral presentation)

Authors: MUSTAFA TEMİZ, CİHAN KUZUDİŞLİ, Yousef Malik, BURCU GÜNGÖR | **Journal Name:** International Conference on Intelligent and Fuzzy Systems | **Publisher:** Springer Nature

2024

[Prediction of Type 2 Diabetes using Metagenomic Data and Identification of Taxonomic Biomarkers](#)

TEMİZ MUSTAFA, KUZUDİŞLİ CİHAN, GÜNGÖR BURCU, Yousef Malik (2024), title is given above, 2024 32nd Signal Processing and Communications Applications Conference (SIU). Doi: 10.1109/SIU61531.2024.10600811 (Full-text oral presentation).

Authors: MUSTAFA TEMİZ, CİHAN KUZUDİŞLİ, BURCU GÜNGÖR, Yousef Malik | **Journal Name:** 2024 32nd Signal Processing and Communications Applications Conference (SIU) | **Publisher:** IEEE

2024

[Machine learning and text mining based real-time semi-autonomous staff assignment system](#)

buna bir daha bak

ARSLAN HALİL, IŞIK YUNUS EMRE, GÖRMEZ YASİN, TEMİZ MUSTAFA (2024). Machine learning and text mining based real-time semi-autonomous staff assignment system. Computer Science and Information Systems, 21(1). Doi: 10.2298/CSIS220922065A

Authors: HALİL ARSLAN, YUNUS EMRE IŞIK, YASİN GÖRMEZ, MUSTAFA TEMİZ | **Journal Name:** Computer Science and Information Systems

2023

[microBiomeGSM: the identification of taxonomic biomarkers from metagenomic data using grouping, scoring and modeling \(G-S-M\) approach](#)

GÜNGÖR BURCU, TEMİZ MUSTAFA, Jabeer Amhar, Wu Di, Yousef Malik (2023). Title is given above. Frontiers in Microbiology, 14. Doi: 10.3389/fmicb.2023.1264941

Authors: BURCU GÜNGÖR, MUSTAFA TEMİZ, Amhar Jabeer, Di Wu, Yousef Malik | **Journal Name:** Frontiers in Microbiology | **Volume, Issue and Pages:** Vol. 14 | **Publisher:** Frontiers Media S.A.

2023

[Topological feature generation for link prediction in biological networks](#)

TEMİZ MUSTAFA, GÜNGÖR BURCU, GÜNER ŞAHAN PINAR, COŞKUN MUSTAFA (2023). Topological feature generation for link prediction in biological networks. PeerJ, 11. Doi: 10.7717/peerj.15313

Authors: MUSTAFA TEMİZ, BURCU GÜNGÖR, PINAR GÜNER ŞAHAN, MUSTAFA COŞKUN | **Journal Name:** PeerJ | **Volume, Issue and Pages:** Vol. 11 | **Publisher:** PeerJ Inc.

2023

[miRdisNET: Discovering microRNA biomarkers that are associated with diseases utilizing biological knowledge-based machine learning](#)

Jabeer Amhar, TEMİZ MUSTAFA, GÜNGÖR BURCU, Yousef Malik (2023), Title is given above, Frontiers in Genetics, Computational Genomics Section, 13. Doi: 10.3389/fgene.2022.1076554

Authors: Jabeer Amhar, MUSTAFA TEMİZ, BURCU GÜNGÖR, Yousef Malik | **Journal Name:** Frontiers in Genetics – Computational Genomics Section | **Volume, Issue and Pages:** Vol. 13 | **Publisher:** Frontiers Media S.A.

2022

[Enlightening the molecular mechanisms of Type 2 Diabetes with a novel pathway clustering and pathway subnetwork approach](#)

GÜNGÖR BURCU, ÜNLÜ MİRAY, GÖY GÖKHAN, TEMİZ MUSTAFA (2022). Enlightening the molecular mechanisms of Type 2 Diabetes with a novel pathway clustering and pathway subnetwork approach. Turkish Journal of Biology, 46. Doi: 10.55730/1300-0152.2620

Authors: BURCU GÜNGÖR, MİRAY ÜNLÜ, GÖKHAN GÖY, MUSTAFA TEMİZ | **Journal Name:** Turkish Journal of Biology | **Volume, Issue and Pages:** Vol. 46 | **Publisher:** The Scientific and Technological Research Council of Turkey (TÜBİTAK)

2020

[FBSEM: A Novel Feature-Based Stacked Ensemble Method for Sentiment Analysis](#)

GÖRMEZ YASİN, IŞIK YUNUS EMRE, TEMİZ MUSTAFA, AYDIN ZAFER (2020). A Novel Feature-Based Stacked Ensemble Method for Sentiment Analysis. International Journal of Information Technology and Computer Science, 12, 11–22. Doi: 10.5815/ijitcs.2020.06.02

Authors: YASİN GÖRMEZ, YUNUS EMRE IŞIK, MUSTAFA TEMİZ, ZAFER AYDIN | **Journal Name:** International Journal of Information Technology and Computer Science | **Volume, Issue and Pages:** Vol. 12, Pages 11–22 | **Publisher:** MECS Publisher

2020

[Blockchain Based User Management System](#)

TEMİZ MUSTAFA, SORAN AHMET, ARSLAN HALİL, ASLAN HİLAL (2020). Blockchain Based User Management System. IEEE Signal Processing and Communications Applications (SIU), 1–4. Doi: 10.1109/SIU49456.2020.9302063 (Full-text oral presentation).

Authors: MUSTAFA TEMİZ, AHMET SORAN, HALİL ARSLAN, HİLAL ASLAN | **Journal Name:** IEEE Signal Processing and Communications Applications Conference (SIU 2020) | **Volume, Issue and Pages:** Pages 1–4 | **Publisher:** IEEE

2018

[Automatic Classification of Natural Stone Tiles with Computer Vision](#)

KAYNAR OĞUZ, TORUN YUNİS, TEMİZ MUSTAFA, GÖRMEZ YASİN (2018), title above, Proceedings of the International Conference on Computer Science and Engineering (UBMK 2018), IEEE, pp. 527–532. Doi: 10.1109/UBMK.2018.8566433 (Full-text oral presentation).

Authors: OĞUZ KAYNAR, YUNİS TORUN, MUSTAFA TEMİZ, YASİN GÖRMEZ | **Journal Name:** 2018 International Conference on Computer Science and Engineering (UBMK 2018) | **Volume, Issue and Pages:** Pages 527–532 | **Publisher:** IEEE

2019

[A Study On Profiling Students via Data Mining](#)

ALAN MEHMET ALİ, TEMİZ MUSTAFA (2019). A Study On Profiling Students via Data Mining. Alphanumeric Journal, 7(2), 239–248. Doi: 10.17093/alphanumeric.630866

Authors: MEHMET ALİ ALAN, MUSTAFA TEMİZ | **Journal Name:** Alphanumeric Journal | **Volume, Issue and Pages:** Vol. 7, No. 2, Pages 239–248 | **Publisher:** Alphanumeric Journal Editorial Board / Karadeniz Technical University (implied)

2023

Population Specific Classification of Colorectal Cancer with Meta-Analysis of Metagenomic Data

TEMİZ MUSTAFA, Yousef Malik, GÜNGÖR BURCU (2023), Title is given above, ASYU 2023: Innovations in Intelligent Systems and Applications Conference. Doi: 10.1109/ASYU58738.2023.10296760 (Full-text oral presentation).

Authors: MUSTAFA TEMİZ, Yousef Malik, BURCU GÜNGÖR | **Journal Name:** ASYU 2023: Innovations in Intelligent Systems and Applications Conference | **Publisher:** IEEE

AUTHORED NATIONAL/INTERNATIONAL BOOKS OR BOOK CHAPTERS

Book Title: ARTIFICIAL INTELLIGENCE: FOUNDATIONS, APPLICATIONS AND FUTURE DIRECTIONS.
Chapter Title: A Hybrid Feature Selection Approach for Identifying Obesity-Related Taxonomic Biomarkers

ARTIFICIAL INTELLIGENCE: FOUNDATIONS, APPLICATIONS AND FUTURE DIRECTIONS, Bölüm adı:(A HYBRID FEATURE SELECTION APPROACH FOR IDENTIFYING OBESITY- RELATED TAXONOMIC BIOMARKERS) (2025)., TEMİZ MUSTAFA, Yousef Malik, Gungor Ahmet Selim, LIVRE DE LYON, Editör: YÜKSEK AHMET GÜRKAN, AKKOYUN SERKAN, Basım sayısı: 1, Sayfa Sayısı 389, ISBN: 978-2-38236-844-2, Türkçe (Bilimsel Kitap) (Yayın No: 9542194)