



Mostafa Sabzekar

Associate Professor

College: Computer and Industrial Engineering

Department: Computer Engineering

Education

Degree	Graduated in	Major	University
BSc	2009	Computer Engineering	Kharazmi University of Tehran
MSc	2011	Computer Engineering	Ferdowsi University of Mashhad
Ph.D	2017	Computer Engineering	Ferdowsi University of Mashhad

Work Experience

- Head of the directorate, public relations and international affairs, Birjand University of Technology, 2022-now.
- Director of Computer Engineering Department, Birjand University of Technology, 2018-2022.
- Supervisor of HiWEB Company in South Khorasan Province, Iran, 2015-2017.

Executions And Scientific Activities

- Member of the Information and Communication Technology Strategic Council of Birjand University of Technology, 2018-now.
- Supervisor of research servers of Birjand University of Technology, 2018-2022.

Course Topics

- Data Mining
- Operating Systems
- Digital Design
- Database Disign

Workshops

- Introduction to databases and scientific paper writing, National Elite Foundation, 2019.
- Bioinformatics and its future, Birjand University of Technology, 2018.
- Scientific paper writing, Birjand University of Technology, 2017.

Papers in Journals

1. Yasin Gormez , Mostafa Sabzekar , Zafer Aydin.IGPRED: Combination of convolutional neural and graph convolutional networks for protein secondary structure prediction.Proteins: Structure, Function, and Bioinformatics.۲۰۲۲ ۰۵ ۰۴.
2. Atieh Rezaei و Mostafa Sabzekar.Assessing the importance and influence of information technology in improving the performance of technical and professional university employees in South Khorasan province.Karafan.۲۰۲۱ ۰۵ ۰۳.
3. Mostafa Sabzekar و Zafer Aydin.A noise-aware feature selection approach for classification.Soft Computing.۲۰۲۱ ۰۲ ۱۷.
4. Mostafa Sabzekar , Reyhane Khazaei , Vahide Babaiyan , Younes Akbari.Script independent offline writer identification from handwriting samples based on texture using wavelet transform in Persian-English languages.Journal of Modeling in Engineering.۲۰۲۱ ۰۲ ۱۱.
5. Arash Deldari , Ghasem Akbarian , Mostafa Sabzekar.A Multi-Objective Dynamic Scheduling Approach for IoT Task Offloading on Amazon EC۲ Spot Instances.Journal of Computer and Knowledge Engineering.۲۰۲۰ ۱۲ ۱.
6. Mostafa Sabzekar , Farhad Afarideh , Arash Deldari , Atieh Rezaei.DAMP: Decision-Making with the Combination of Analytical Hierarchy Process and Deep Learning (Case study: Car Sales Forecasting).Computer and Knowledge Engineering.۲۰۲۰ ۱۲ ۰۱.
7. A Rezapour, M Sabzekar,An Intelligent Combination of Machine Learning Approaches for Groundwater Fluctuations Prediction,Iranian Journal of Science and Technology, Transactions of Civil Engineering ...,2025.
8. N Hosseini, H Tanzadehpanah, A Mansoori, M Sabzekar, GA Ferns,,Using a robust model to detect the association between anthropometric factors and T2DM: machine learning approaches,BMC Medical Informatics and Decision Making,2025.
9. M Sabzekar, S Baradaran Nejad, M Khazaeipoor,A Node-Centric Approach for Community Detection in Dynamic Networks,Journal of Electrical and Computer Engineering Innovations,2024.
10. M Sabzekar, B Moazeni,A fair group recommendation system based on members and leader influences,Journal of Modeling in Engineering,2024.
11. Mohammad Mahdi Labani ,& Mostafa Sabzekar,Estimation of shear and Stoneley wave velocities from conventional well data using different intelligent systems and the concept of committee machine: an example from South Pars gas field, Persian Gulf,Energy Sources, Part A: Recovery, Utilization, and Environmental Effects,2023 9 19.
12. M Sabzekar, E Mansouri, A Deldari,A Data Replication Algorithm for Improving Server Efficiency in Cloud Computing Using PSO and Fuzzy Systems,Computer and Knowledge Engineering,2023.
13. Motahare Namakin , Modjtaba Rouhani , Mostafa Sabzekar,An evolutionary correlation-aware feature selection method for classification problems,Swarm and Evolutionary Computation,2022 09 25.
14. Y. Gormez , M. Sabzekar , , Z. Aydin,IGPRED: Combination of convolutional neural and graph convolutional networks for protein secondary structure prediction (vol 89, 1277, 2021),PROTEINS-STRUCTURE FUNCTION AND BIOINFORMATICS,2022.
15. Mostafa Sabzekar , Motahare Namakin , Hanie Alipoor Shahr Babaki , Arash Deldari, Vahide Babaiyan,Dental implants success prediction by classifier ensemble on imbalanced data,Computer Methods and Programs in Biomedicine Update,2021 05 25.

16. Mostafa Sabzekar ,& Seyed Mohammad Hossein Hasheminejad,Robust regression using support vector regressions,Chaos, Solitons & Fractals,2021 03 10.
17. Mostafa Sabzekar , Hasan Erbay , Zafer Aydin , Sema Atasever,Sample reduction strategies for protein secondary structure prediction,Applied Sciences,2019 10 18.
18. Mostafa Sabzekar , Mahmoud Naghibzadeh , Javad Sadri,Efficient dynamic programming algorithm with prior knowledge for protein β -strand alignment,Journal of Theoretical Biology,2017 3 21.
19. Mostafa Sabzekar , Mahmoud Naghibzadeh , Mahdie Eghdami , Zafer Aydin,Protein β -sheet prediction using an efficient dynamic programming algorithm,Computational biology and chemistry,2017 10 1.
20. F Kabirbeyk , A Harounabadi , Mostafa Sabzekar,A fuzzy method for improving the functionality of search engines based on user & quot; s web interactions,Management Science Letters,2015 04 22.