Faculty Members Website
University of Tabriz



Reza Afrouzian

Assistant Professor

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Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	(not set)	Full Time	9

Papers in Journals

1. D Faraji Mazraehkhalaf, H Seyedarabi, R Afrouzian،Depth of Eye Gaze Estimation using 3D Eye Tracking using Deep Learning،Advanced Signal Processing،2024.
2. F Fazeli, H Seyedarabi, R Afrouzian,ResSPNet: A Hybrid Deep Learning Model for EEG-Based Biometric Authentication,Array,2026.
3. M Khoshkhabar, S Meshgini, R Afrouzian,Hybrid Neural Network Architecture for Automated Liver and Tumor Segmentation Using Ensemble Learning on CT Images,Biomimetics,2026.
4. L Zare Lahijan, S Meshgini, R Afrouzian,Deep Learning-Based Automatic Segmentation of Ischemic Stroke Lesions in CT Perfusion Imaging,Biomimetics,2026.
5. M Bdaqli, S Meshgini, R Afrouzian,A novel EEG motor imagery classification model using feature fusion of temporal convolution and attention,Computers and Electrical Engineering,2026.
6. M Zeynali, H Seyedarabi, R Afrouzian,Image Generation Inspired by Electroencephalography for Neuromarketing Applications Using Extracted Features from Transformer-Based Models,OBM Neurobiology,2026.
7. A Baktash, Y Sarbaz, S Meshgini, R Afrouzian,Advancing Early Diagnosis: Predicting Mild Cognitive Impairment Progression in Normal Individuals Using Deep Learning on MRI Features,IEEE Access,2025.
8. N Nemati, S Meshgini, TY Rezaii, R Afrouzian,Neonatal seizure detection from EEG using inception ResNetV2 feature extraction and XGBoost optimized with particle swarm optimization,Scientific Reports,2025.
9. L Zare Lahijan, S Meshgini, R Afrouzian, S Danishvar,Improved Automatic Deep Model for Automatic Detection of Movement Intention from EEG Signals,Biomimetics,2025.
10. M Karimzadeh, H Seyedarabi, A Jodeiri, R Afrouzian,Enhanced Brain Stroke Lesion Segmentation in MRI Using a 2.5 D Transformer Backbone U-Net Model,Brain Sciences,2025.
11. AMG Alawadi, H Seyedarabi, R Afrouzian, JM Niya,A Hotspot Prediction Scheme Based on Ensemble Learning with Adaptive Beamforming for Virtual Small Cell in 5G Networks,IEEE Access,2025.
12. AJ Kadhim, H Seyedarabi, R Afrouzian, FS Hasan,Diabetic Retinopathy Classification using Hybrid

Color-Based CLAHE and Blood Vessel in Deep Convolution Neural Network,IEEE Access,2024.
13. Sajjad Alipour Shoari, Seyed Vahid Sadrolashrafi, Aydin Sohrabi, Reza Afrouzian, Pooya Ebrahimi, Maryam Kouhsoltani, Minou Kouh Soltani,Estimating mandibular growth stage based on cervical vertebral maturation in lateral cephalometric radiographs using artificial intelligence,Progress in Orthodontics,2024.
14. SM Safavi, H Seyedarabi, R Afrouzian,Persian Traffic Sign Classification Using Convolutional Neural Network and Transfer Learning,Arabian Journal for Science and Engineering,2024.
15. F Mosayyebi, H Seyedarani, R Afrouzian,Gender recognition in masked facial images using EfficientNet and transfer learning approach,international journal of information technology,2023.
16. M Khoshkhabar, S Meshgini, R Afrouzian, S Danishvar,Automatic Liver Tumor Segmentation from CT Images Using Graph Convolutional Network,Sensors,2023.
17. M Zeynali, H Seyedarabi, R Afrouzian,Classification of EEG signals using Transformer based deep learning and ensemble models,Biomedical Signal Processing and Control,2023.