

دکتر موسی شمسی

استاد

دانشکده: مهندسی پزشکی



## پایان نامه ها

۱. Design of adaptive wireless networks based on distributed processing
۲. Classification of Expression Data of Cancer Associated Genes Using Microarray Images Processing
۳. Functional analysis of brain in children with Attention-Deficit/Hyperactivity Disorder and Classification of Disorder via extraction of the features in EEG signal
۴. Segmentation of human brain MRI images using improved particle swarm optimization based methods
۵. Brain lesion segmentation and extraction via multimodal MR fusion and machine learning algorithms
۶. Prediction of gene regulatory regions using signal processing
۷. Soft-tissue modelling for surgical simulators in the data-driven approaches
۸. Design of a micro-biosensor based on mechanical resonance configuration for aqua-environment by lab-on-a-chip applications
۹. Cephalometry analysis of soft tissue in facial plastic surgeries based on orthogonal facial color images
۱۰. Identification of cervical cancer biomarkers by processing microarray data based on unsupervised learning methods
۱۱. Segmentation of Brain MRI Images for Monitoring and Reporting the Progress of Brain Diseases using Machine Learning
۱۲. Anthropometric Analysis of Cerebral Ventricles Based on Brain MRI Images Acquired in Different Times using Machine Learning Algorithms