Accept for Oral Presentation

Epilepsy Presurgical Evaluation of Patients with Complex Source Localization by A Novel Component-based EEG-fMRI Approach

Elias Ebrahimzadeh (College of Engineering, University of Tehran)*;
Mohammad Shams (George Washington University);
Ali Rahimpour (University of California);
Farahnaz Fayaz (Payame Noor University of North Tehran);
Mahya Mirbagheri (College of Engineering, University of Tehran);
Naser Hakimi (College of Engineering, University of Tehran);
Seyed Sohrab Hashemi Fesharaki (Pars Advanced Medical Research Center, Pars Hospital);
Hamid Soltanian-Zadeh ("University of Tehran, Iran and Henry Ford Hospital, Detroit, MI, USA")

Diagnostic Accuracy of Multi-Parametric Magnetic Resonance Imaging for Differentiation of Benign and Malignant Lesions of Prostate Using Radiomics Analysis

Soheila Koopaei (Quantitative MR Imaging and Spectroscopy Group (QMISG), Research Center for Molecular and Cellular Imaging, Tehran University of Medical Sciences);
Anahita Fathi Kazerooni (Quantitative MR Imaging and Spectroscopy Group (QMISG), Research Center for Molecular and Cellular Imaging, Tehran University of Medical Sciences);
Mahyar Ghafoori (Uninersity of Iran Medical Sciences);
Mohamadreza Alviri (Quantitative MR Imaging and Spectroscopy Group (QMISG), Research Center for Molecular and Cellular Imaging, Tehran University of Medical Sciences);
Kamal Hoseini (Quantitative MR Imaging and Spectroscopy Group (QMISG), Research Center for Molecular and Cellular Imaging, Tehran University of Medical Sciences);
Fakhereh Pashaei (Quantitative MR Imaging and Spectroscopy Group (QMISG), Research Center for Molecular and Cellular Imaging, Tehran University of Medical Sciences);
Hamidreza Salighehrad (Quantitative MR Imaging and Spectroscopy Group (QMISG), Research Center for Molecular and Cellular Imaging, Tehran University of Medical Sciences)*

An Efficient Framework for Accurate Arterial Input Selection in DSC-MRI of Glioma Brain Tumors

Hossein Rahimzadeh (Quantitative MR Imaging and Spectroscopy Group (QMISG), Research Center for Molecular and Cellular Imaging, Tehran University of Medical Sciences);
Salman Rezaie Molood (Tehran university of medical science);
Anahita Fathi Kazerooni (Quantitative MR Imaging and Spectroscopy Group (QMISG), Research Center for Molecular and Cellular Imaging, Tehran University of Medical Sciences);
Hamidreza Salighehrad (Quantitative MR Imaging and Spectroscopy Group (QMISG), Research Center for Molecular and Cellular Imaging, Tehran University of Medical Sciences)*

Prediction of General Intelligence Using DTI Data

Elahe Parham (University of Tehran)*;
Hamid Soltanian-Zadeh ("University of Tehran, Iran and Henry Ford Hospital, Detroit, MI, USA")

Automatic Fetal Biometry Evaluation in Ultrasound Images Using A Deep Learning Based Approach

Mostafa Ghelich Oghli (Intelligent Imaging Technology Research Center, Med Fanavarn Plus Co., Karaj, Iran.)*;
Shakiba Moradi (Sharif University of Technology, Tehran, Iran.);
Reza Gerami (Assisstant professor of Army University of Medical Sciences, Tehran, Iran);
Ali Shabanzadeh (Intelligent Imaging Technology Research Center, Med Fanavarn Plus Co., Karaj, Iran.)

Accept for Oral Presentation

Automatic Myocardial Segmentation in 4 Chamber View Echocardiography Images

Shakiba Moradi (Sharif University of Technology, Tehran, Iran.);
Mostafa Ghelich Oghli (Intelligent Imaging Technology Research Center, Med Fanavarn Plus Co., Karaj, Iran.)*;
Azin Alizadehasl (Rajaie Cardiovascular Medical and Research Center, Iran University of Medical Science, Tehran, Iran.);
Ali Shabanzadeh (Intelligent Imaging Technology Research Center, Med Fanavarn Plus Co., Karaj, Iran.)

Deep Learning Approach for Left Atrium Segmentation

Shakiba Moradi (Sharif University of Technology, Tehran, Iran.);
Mostafa Ghelich Oghli (Intelligent Imaging Technology
Research Center, Med Fanavarn Plus Co., Karaj, Iran.)*; Azin Alizadehasl (Rajaie Cardiovascular Medical and Research
Center, Iran University of Medical Science, Tehran, Iran.);
Ali Shabanzadeh (Intelligent Imaging Technology Research Center, Med Fanavarn Plus Co., Karaj, Iran.)

A Deep Learning Based Approach for Breast BI-RADS Prediction in Shear Wave Elastography Images

Ali Shabanzadeh (Intelligent Imaging Technology Research Center, Med Fanavarn Plus Co., Karaj, Iran.)*;
Shakiba Moradi (Sharif University of Technology, Tehran, Iran.);
Parvaneh (Masoumeh) Gity (Tehran University of Medical Sciences);
Mostafa Ghelich Oghli (Intelligent Imaging Technology Research Center, Med Fanavarn Plus Co., Karaj, Iran.)

Skin Lesion Diagnosis Using Ensemble Deep Learning Models

Parsa Esfahanian (Institute for Research in Fundamental Sciences)*;
Mehdi Yousefzadeh (Institute for Research in Fundamental Sciences);
Saeid Rahmani (Institute for Research in Fundamental Sciences);
Dara Rahmati (Institute for Research in Fundamental Sciences);
Saeid Gorgin (Institute for Research in Fundamental Sciences);
Hossein Motahari (Shahid Beheshti University)

Automatic Assessment of Ki-67 Proliferation Index in Lymphoma

Ramin Nateghi (Shiraz University of Technology)*;
Mansoor Fatehi (National Brain Mapping Lab);
Nasrin Shayanfar (Department of Pathology, Iran University of Medical Sciences, Tehran, IRAN);
Fattane Pourakpour (National Brain Mapping Lab)

Abnormaloty Detection in Musculoskeletal Radiographs by DENSENET and INCEPTION-V3

Zahra Rezaei (university of kashan)*;
Behnaz Eslami (Islamic Azad University Science and Research Branch);
Hossein Ebrahimpour-komleh (University of Kashan);
Kaveh Daneshmand (Post-MBA students in Business Intelligence (BI), Industrial Management Institute (IMI), Tehran, Iran)

Automatic Bone Age Determination Using Wrist MRI Based on FIFA Grading System for Athletes: Deep Learning Approach

Mansoor Fatehi (National Brain Mapping Lab)*;
Ramin Nateghi (Shiraz University of Technology);
Fattane Pourakpour (National Brain Mapping Lab)

Accept for Oral Presentation

Design of Multivariate Hotelling's T2 Control Chart Based on Medical Images Processing

Mahmood Shahrabi (Department of Industrial Engineering, South Tehran Branch, Islamic Azad University, Tehran, Iran);
Amirhossein Amiri (Department of Industrial Engineering, Faculty of Engineering, Shahed University, Tehran, Iran)*;
Hamidreza Salighehrad (Quantitative MR Imaging and Spectroscopy Group (QMISG), Research Center for Molecular and Cellular Imaging, Tehran University of Medical Sciences);
Sedigheh Ghofrani (Department of Electrical and Electronic Engineering, South Tehran Branch, Islamic Azad University, Tehran, Iran)

Multi-institutional Medical Imaging Research Data Collection: Challenges of Standardization of Protocols & Header Information to Make an Imaging Biobank

Fattane Pourakpour (National Brain Mapping Lab)*;
Bahaareh Siahlou (National Brain Mapping Lab); Shaghayegh Karimi (National Brain Mapping Lab);
Zeynab Khodakarami (National Brain Mapping Lab);
Mansoor Fatehi (National Brain Mapping Lab)

Segmentation of Diabetic Retinopathy Lesions in Retinal Fundus Images using Multi-view Convolutional Neural Networks

Hassan Khastavaneh (University of Kashan)*;
Hossein Ebrahimpour-komleh (University of Kashan)

Fully Automated Computer-assisted Diagnosis Method for Mitosis Detection in Histology Slide Images of Breast Cancer

Fattane Pourakpour (National Brain Mapping Lab)*;
Ramin Nateghi (Shiraz University of Technology)