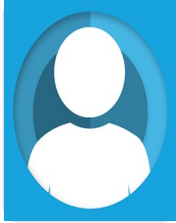




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96

Supervised MSc Theses

#	Thesis title	By	Date
1	Analysis of Electroencephalogram Signal for Offline Frequency Recognition in Brain Computer Interface Speller Based on Steady State Visually Evoked Potential	Elham Rostami & Farnaz Ghassemi	September 2021
2	Measuring the level of synchronization in the brain network of children with attention deficit hyperactivity disorder while observing facial emotions using nonlinear measurements	Sheida Ansari Nasab & Farnaz Ghassemi	September 2021
3	FMRI motion correction in K-space based on deep learning algorithms	Meisam Pashootan & Farnaz Ghassemi	July 2021
4	motion correction of radial SSFP FMRI in K-space using deep learning	Faeze Makhsousi & Farnaz Ghassemi	April 2021
5	Analysis Of Electroencephalogram Signal Components During Instructed Deception	Somayeh Mashatan & Farnaz Ghassemi	August 2020
6	Analysis of dilemmas difficulty effects on moral judgment using the EEG signal	Seyedeh Khojasteh Seyedbagheri Sharifabad & Farnaz Ghassemi	March 2019
7	EEG Functional connectivity analysis of in children Suffering from ADHD during facial expression recognition	Hossein Dini & Farnaz Ghassemi	February 2019
8	Analysis of Inter-Stimulus Intervals Effect on Error Related Potential in Electroencephalogram	Bahareh Ahkami & Farnaz Ghassemi	December 2018
9	Comparison of brain activity of ADHD and healthy subjects using the independent component analysis of fMRI data	Mostafa Mahdipour & Farnaz Ghassemi	September 2017

10	Analysing Independent components and spatial patterns of EEG signal during motor imagery	Asghar Zarei & Farnaz Ghassemi	January 2017
11	Analysis of Brain Event Related Potentials in Children with ADHD During Facial Expression Recognition	Parivash Pour Abbasi Najaf Abadi & Farnaz Ghassemi	February 2016
12	Automatic validity degree evaluation of independent components of EEG signal during visual attention task	Negin Gholamipourbarogh & Farnaz Ghassemi	February 2016
13	Evaluation of Visual Sustained Attention Levels Using Electroencephalogram Signals	Athena Taymourtash & Farnaz Ghassemi	October 2014

Journal Papers

Portal Records

- Vida Mehdizadehfar, Farnaz Ghassemi, Ali Fallah, "Brain Connectivity Estimation Pitfall in Multiple Trials of EEG Data", *Basic and Clinical Neuroscience*, August 2021 Vol. 0, Num. 0, Page 1-18, August 2021,
- Nafise Naseri, Sivabalan Ambigapathy, Mohadeseh Shafiei Kafraj, Farnaz Ghassemi, Karthikeyan Rajagopal, Sajad Jafari, "Connecting curves as a tool to localize Hidden attractors in a new chaotic hyper-jerk system with no equilibria", *INTERNATIONAL JOURNAL OF BIFURCATION AND CHAOS*, August 2021 Vol. 0, Num. 0, Page 0-0, August 2021,
- Sheida Ansari Nasab, Shirin Panahi, Farnaz Ghassemi, Sajad Jafari, Karthikeyan Rajagopal, Dibakar Ghosh, Matjaz Perc, "Functional neuronal networks reveal emotional processing differences in children with ADHD", *COGNITIVE NEURODYNAMICS*, July 2021 Vol. 0, Num. 0, Page 0-0, July 2021,
- Bahareh Ahkami, Farnaz Ghassemi, "Adding Tactile Feedback and Changing ISI to Improve BCI Systems' Robustness: An Error-Related Potential Study", *BRAIN TOPOGRAPHY*, April 2021 Vol. 0, Num. 0, Page 1-11, April 2021,
- Seyedeh Rezwan Hosseini, Farnaz Ghassemi, Mohammad Hassan Moradi, "Penalized logistic regression models for phenotype prediction based on Single Nucleotide Polymorphisms", *AUT Journal of Electrical Engineering*, December 2020 Vol. 0, Num. 0, Page 0-0, December 2020,
- Negin Gholamipourbarogh, Farnaz Ghassemi, "Estimation of the Independent Components Reliability of EEG Signal in a Clinical Application", *BIOMEDICAL SIGNAL PROCESSING AND CONTROL*, December 2020 Vol. 65, Num. 1, Page 1-10, December 2020,
- Hajar Ahmadi, Farnaz Ghassemi, "Assessing the Effects of Alzheimers Disease on EEG Signals Using the Entropy Measure: A Meta-Analysis", *Basic and Clinical Neuroscience*, October 2020 Vol. 1, Num. 1, Page 1-18, October 2020,
- Hossein Dini, Farnaz Ghassemi, Mohammad S. E. Sendi, "Investigation of Brain Functional Networks in Children suffering from Attention Deficit Hyperactivity Disorder Brain Topography", *BRAIN TOPOGRAPHY*, September 2020 Vol. 0, Num. 0, Page 1-18, September 2020,
- Vida Mehdizadehfar, Farnaz Ghassemi, Ali Fallah, Iman Mohammad-Rezazadeh, Hamizreza Pouretamad, "Brain Connectivity Analysis in Fathers of Children with Autism", *COGNITIVE NEURODYNAMICS*, August 2020 Vol. 0, Num. 0, Page 1-13, August 2020,
- Seyedeh Somayeh Naghibi, Ali Fallah, Ali Maleki, Farnaz Ghassemi, "Elbow angle generation during activities of daily living using a submovement prediction model", *BIOLOGICAL CYBERNETICS*, June 2020 Vol. 114, Num. 1, Page 389-402, June 2020,
- Vida Mehdizadehfar, Farnaz Ghassemi, Ali Fallah, Hamidreza Pouretamad, "EEG Study of Facial Emotion Recognition in the Fathers of Autistic Children", *BIOMEDICAL SIGNAL PROCESSING AND CONTROL*, February 2020 Vol. 56, Num. 2020, Page 1-9, February 2020,
- Seyedeh Somayeh Naghibi, Farnaz Ghassemi, Ali Maleki, Ali Fallah, "The Effects of Upper Limb Motor Recovery on Submovement Characteristics among the Patients with Stroke: A Meta Analysis", *PM&R*, November 2019 Vol. 0, Num. 0, Page 1-10, November 2019,

- 13 Seyedeh Somayeh Naghibi, Ali Fallah, Ali Maleki, Farnaz Ghassemi, "Planar Reaching Movement Generation Using Submovement Prediction Model", *Iranian Journal of Biomedical Engineering*, October 2019 Vol. 12, Num. 3, Page 341-350, October 2019,
- 14 Zahra Tabanfar, Farnaz Ghassemi, "Task-related Component Analysis of Electroencephalogram Signals During Emotional Face Recognition: A Case Study of ERP", *IBRO Reports*, September 2019 Vol. 6, Num. 1, Page 63-63, September 2019,
- 15 Shakeri Saeid, Farshad Almasganj, Farnaz Ghassemi, "Noise Reduction in Cone Beam Computed Tomography Images using Independent Component Analysis", *Iranian Journal of Biomedical Engineering*, April 2019 Vol. 13, Num. 1, Page 11-20, April 2019,
- 16 Masoomeh Rahimi Ghazikalayeh, Mohammad Hassan Moradi, Farnaz Ghassemi, "Comparison of brain effective connectivity in different states of attention and consciousness based on EEG signals", *BIOMEDICAL SIGNAL PROCESSING AND CONTROL*, March 2019 Vol. 51, Num. 1, Page 393-400, March 2019,
- 17 Vahideh Karbasi, Mehdi Tehrani-Doost, Farnaz Ghassemi, "Investigating Effects of Image Blurring on Facial Emotion Recognition", , December 2018 Vol. 20, Num. 3, Page 1-14, December 2018,
- 18 Mahdie Khalighfard, Farnaz Ghassemi, "Comparison of Electrical Stimulation and Mirror Therapy and Conventional Rehabilitation and Combining them for Rehabilitation of Upper Extremity in Stroke Patients: A Meta-Analysis", *Scientific Journal of Rehabilitation Medicine*, December 2018 Vol. 7, Num. 4, Page 278-299, December 2018,
- 19 Vida Mehdizadehfar, Farnaz Ghassemi, Ali Fallah, "Brain Connectivity Reflected in EEG Coherence in Individuals with Autism: A Meta-Analysis", *Basic and Clinical Neuroscience*, December 2018 Vol. 0, Num. 0, Page 1-24, December 2018,
- 20 Mahdijeh Sarraf Razavi, Mehdi Tehrani-Doost, Farnaz Ghassemi, Mohammad Ali Nazari, Zohreh Ziatabar Ahmadi, "Early Posterior Negativity as Facial Emotion Recognition Index in Children With Attention Deficit Hyperactivity Disorder", *Basic and Clinical Neuroscience*, November 2018 Vol. 9, Num. 6, Page 439-447, November 2018,
- 21 Nazanin Fatemian, Mehdi Tehrani-Doost, Farnaz Ghassemi, "Comparing Recognition Memory of Faces with Positive/Negative Emotions", , September 2018 Vol. 20, Num. 2, Page 40-52, September 2018,
- 22 Mahdijeh Sarraf Razavi, Mehdi Tehranidoost, Farnaz Ghassemi, Parivash Pour Abbasi Najaf Abadi, Athena Taymourtash, "Emotional face recognition in children with attention deficit hyperactivity disorder - evidence from event related gamma oscillation", *Basic and Clinical Neuroscience*, November 2017 Vol. 8, Num. 5, Page 419-427, November 2017,
- 23 Rana Faal, Farnaz Ghassemi, "Systematic Review And Meta-analysis : Effects of virtual reality therapy on stroke rehabilitation in upper limbs", *Scientific Journal of Rehabilitation Medicine*, November 2017 Vol. 6, Num. 3, Page 286-302, November 2017,
- 24 Athena Taymourtash, Farnaz Ghassemi, Mehdi Tehrani Doost, "Comparison of Sustained Attention and Response Inhibition between Adults with Attention Deficit/Hyperactivity Disorder and Normal Controls during Cognitive Load Changes of Continuous Performance Task", , December 2016 Vol. 18, Num. 4, Page 1-10, December 2016,
- 25 Masoomeh Rahimi Ghazikalayeh, Mohammad Hassan Moradi, Farnaz Ghassemi, "Brain effective connectivity investigation with directed transform function method for different combination of attention and consciousness based on EEG signals", *Iranian Journal of Biomedical Engineering*, May 2016 Vol. 10, Num. 1, Page 59-68, May 2016,
- 26 Masoomeh Rahimi Ghazikalayeh, Mohammad Hassan Moradi, Farnaz Ghassemi, "Brain Effective Connectivity Investigation With Directed Transform Function Method for Different Combination of Attention and Consciousness Based on EEG Signals", *Iranian Journal of Biomedical Engineering*, March 2016 Vol. 10, Num. 1, Page 59-68, March 2016,
- 27 Fatemeh Keshvari, Zahra Rezvani, Farnaz Ghassemi, Hamidreza Pouretamad, "Temporal correlates of intuition and cognitive control in moral decision, making in different social contexts", *EUROPEAN PSYCHIATRY*, March 2016 Vol. 33, Num. 140, Page 153-154, March 2016,
- 28 Malahat Akbarfahimi, Mehdi Tehrani-Doost, Farnaz Ghassemi, "The relationship between global functioning of patients with schizophrenia and Negative Emotional faces perception: An Event Related Potential Study (ERP)", , April 2014 Vol. 8, Num. 1, Page 52-61, April 2014,

- 29 Malahat Akbarfahimi, Mehdi Tehrani-Doost, Farnaz Ghassemi, "Emotional Face Perception in Patients with Schizophrenia: an Event-Related Potential Study", *NEUROPHYSIOLOGY*, July 2013 Vol. 45, Num. 3, Page 249-257, July 2013,
- 30 Farnaz Ghassemi, Mohammad Hassan Moradi, Mehdi Tehrani-Doost, Vahid Abootalebi, "Using non-linear features of EEG for ADHD/Normal participants' classification", *Procedia-Social and Behavioral Sciences*, February 2012 Vol. 32, Num. 1, Page 148-152, February 2012,
- 31 Farnaz Ghassemi, Mehdi Tehrani-Doost, Mohammad Hassan Moradi, Vahid Abootalebi, "Using ERP components for classification of ADHD/normal participants", *CLINICAL NEUROPHYSIOLOGY*, February 2012 Vol. 42, Num. 0, Page 65-65, February 2012,
- 32 Farnaz Ghassemi, Mohammad Hassan Moradi, Mehdi Tehrani-Doost, Vahid Abootalebi, "Effects of the ADHD Syndrome on the Frequency Composition of ERPs Revealed by Independent Component Analysis", *NEUROPHYSIOLOGY*, May 2011 Vol. 42, Num. 6, Page 428-433, May 2011,
- 33 Farnaz Ghassemi, Mohammad Hassan Moradi, Mehdi Tehrani-Doost, Vahid Abootalebi, "Evaluation of Estimating Missed Answers in Conners Adult ADHD Rating Scale (Screening Version)", *Iranian Journal of Psychiatry*, July 2010 Vol. 5, Num. 3, Page 108-112, July 2010,
- 34 Farnaz Ghassemi, Mohammad Hassan Moradi, Mehdi Tehrani-Doost, Vahid Abootalebi, "Effects of correct and wrong answers on ERPs recorded under conditions of the continuous performance test in ADHD/normal participants", *NEUROPHYSIOLOGY*, June 2010 Vol. 42, Num. 3, Page 213-220, June 2010,

Conference Papers

Portal Records

- 1 Alireza Kamankesh, Farnaz Ghassemi, Zahra Tabanfar, "Investigating the Effect of Reference Electrode Location on EEG Signal Recording ", 9th Basic and Clinical Neuroscience Congress, December 2020
- 2 Vida Mehdizadehfar, Farnaz Ghassemi, Ali Fallah, "Investigating the Autistic-like Traits Reflected in the Brain Connectivity of Fathers of Individuals with Autism ", 4th Iranian Symposium on Brain Mapping Updates, July 2020
- 3 Sarah Sepehri Shakib, Farnaz Ghassemi, "An investigation of stimulus Type Effect on Brain Functional Connectivity in BCI Systems ", 8th Basic and Clinical Neuroscience Congress 2019, December 2019
- 4 Mohsen Mozafari, Ensirh Khazaei, Sara Bagheri, Navid Hasanzadeh, Behrad Taghibeyglou, Farnaz Ghassemi, "Mental Stress Level Detection using Physiological Signal and Evolutionary Algorithm ", 26th National and 4th International Conference of Biomedical Engineering, November 2019
- 5 Somayeh Mashatan, Farnaz Ghassemi, "Brain Functional Connectivity in SSVEP Based BCI Speller ", 26th National and 4th International Conference of Biomedical Engineering, November 2019
- 6 Farnaz Ghassemi, Somayeh Mashatan, "ERP Components During Instructed Deception: a case study ", 6th Iranian Human Brain Mapping Congress, October 2019
- 7 Farnaz Ghassemi, Seyedeh Khojasteh Seyedbaghery Sharifabad, "Independent Components of EEG in moral judgment ", 6th Iranian Human Brain Mapping Congress, October 2019
- 8 Behrad Taghibeyglou, Asghar Zarei, Zahra Tabanfar, Farnaz Ghassemi, "Investigation of Group ICA for Hand Motor Imagery Detection on BCI systems ", 1st Sharif Neuroscience Symposium, March 2019
- 9 Hossein Dini, Farnaz Ghassemi, "Can Brain Networks Reveal the Emotional Faces' Information ", 1st sharif neuroscience symposium, March 2019
- 10 Bahareh Ahkami, Farnaz Ghassemi, "Studying the Effects of Different Inter-Stimulus-Intervals in ADHD Adults While Performing CPT ", 2018 25th Iranian Conference on Biomedical Engineering and 2018 1st International Iranian Conference on Biomedical Engineering (ICBME), November 2018
- 11 Hossein Dini, Farnaz Ghassemi, "EEG Power Spectral Density Investigation in Children with ADHD and Matched Controls ", 5th Iranian Human Brain Mapping Congress, September 2018








- 12 Mostafa Mahdipour, Farnaz Ghassemi, "Comparison Stability And Repeatability Between ICA Algorithms Using ICASSO ", 5th Iranian Human Brain Mapping Congress, September 2018
- 13 Bahareh Ahkami, Farnaz Ghassemi, Ali Nakisai, "A Comparison Between EOG Artefact Removal from EEG Signals Using Modified ICA-RLS Filtering and ICA-Correlation Method ", 5th Iranian Human Brain Mapping Congress, September 2018
- 14 Nazanin Fatemian, Mehdi Tehrani-Doost, Farnaz Ghassemi, "Evaluating the Effect of Positive and Negative Emotions on Face Recognition Memory ", 6th Basic and Clinical Neuroscience Congress, December 2017
- 15 Vahideh Karbasi, Mehdi Tehrani-Doost, Farnaz Ghassemi, "Investigating the effect of image blurring on facial emotion recognition ", 6th Basic and Clinical Neuroscience Congress, December 2017
- 16 Ayda Arami, Farnaz Ghassemi, Zahra Tabanfar, "Elimination of ECG Artifact from Semi-Simulated EEG Signal Using Independent Component Analysis ", 6th Basic and Clinical Neuroscience Congress, December 2017
- 17 Abbas Salami, Farnaz Ghassemi, Mohammad Hassan Moradi, "A Criterion to Evaluate Feature Vectors Based on ANOVA Statistical Analysis ", 24th National and 2nd International Iranian Conference on Biomedical Engineering, November 2017
- 18 Abbas Salami, Farnaz Ghassemi, Mohammad Hassan Moradi, "A Criterion to Evaluate Feature Vectors Based on ANOVA Statistical Analysis ", 24th National and 2nd International Iranian Conference on Biomedical Engineering, November 2017
- 19 Seyedeh Somayeh Naghibi, Ali Maleki, Ali Fallah, Farnaz Ghassemi, "A Modified Method of Submovement Decomposition Based on Velocity Profile and Endpoint Position ", 24th National & 2th International Iranian Conference on Biomedical Engineering, November 2017
- 20 Behrad Taghibeyglou, Farnaz Ghassemi, Asghar Zarei, "Detection of Right Hand Imagery Activation Using Independent Component Analysis ", 4th Iranian Human Brain Mapping Congress (IHBM-2017), October 2017
- 21 Ayda Arami, Farnaz Ghassemi, Zahra Tabanfar, "ECG Artifact Removal from EEG Signals Using MULTICOMBI Algorithm ", 4th Iranian Human Brain Mapping Congress (IHBM-2017), October 2017
- 22 Sogol Masoumzadeh, Atena Taymourtash, Farnaz Ghassemi, "The Effect of Gray Matter Volume Reduction in ADHD/ Normal Participant: An EEG Study ", The seventh International Conference of Cognitive Science, April 2017
- 23 Asghar Zarei, Farnaz Ghassemi, "Detect Motor Imagery Activation Using Automatic Localization of Sensorimotor Independent Components ", The seventh International Conference of Cognitive Science, April 2017
- 24 Mostafa Mahdipour, Farnaz Ghassemi, "GROUP ANALYSIS OF RESTING STATE FMRI NETWORKS IN ADHD/CONTROL PARTICIPANTS ", The seventh International Conference of Cognitive Science, April 2017
- 25 Zahra Tabanfar, Farnaz Ghassemi, "The Activity of Different Brain Areas in Correct and Wrong Answers During Continuous Performance Test: An ERP Study ", The seventh International Conference of Cognitive Science, April 2017
- 26 Vida Mehdizadehfar, Farnaz Ghassemi, Ali Fallah, "Analysis of Brain Connectivity in ADHD/Normal Participants: An EEG Study ", seventh International Conference of Cognitive Science - ICCS-2017, April 2017
- 27 Hossain Banki Koshki, Farnaz Ghassemi, "Feature Extraction, Dimension Reduction and Classification of Medical Data for Diabetes Diagnosis ", The 10th Iran Data Mining Conference, February 2017
- 28 Vida Mehdizadehfar, Farnaz Ghassemi, Ali Fallah, "Classification of Autistic and Typical Children Using Supervised Learning of Brain Connectivity Measures ", 5th basic and clinical neuroscience congress 2016, December 2016
- 29 Farnaz Ghassemi, Sogol Masoumzadeh, Athena Taymourtash, "Comparison of Functional Brain Networks between Adults with ADHD and Normal Subjects, Using EEG Signals ", 5th Basic and Clinical Neuroscience Congress 2016, December 2016
- 30 Mahdiyeh Sarraf Razavi, Mehdi Tehrani Doost, Farnaz Ghassemi, Parivash Pour Abbasi Najaf Abadi, Mohammad Ali Nazari, "The N170 and Emotional Faces Recognition in Children with ADHD ", 5th Basic and Clinical Neuroscience Congress 2016, December 2016

- 31 Asghar Zarei, Farnaz Ghassemi, "Spatial Filter Bank Based on Probabilistic Common Spatial Pattern in Motor Imagery BCI Systems ", 2016 23rd Iranian Conference on Biomedical Engineering and 2016 1st International Iranian Conference on Biomedical Engineering (ICBME), November 2016
- 32 Fateme Nateghi Haredasht, Farnaz Ghassemi, Mohammad Hassan Moradi, "Causal Inference of Gene Expression Data Using a Clustering-based Extension of Kernel-Granger Causality ", 2016 23rd Iranian Conference on Biomedical Engineering and 2016 1st International Iranian Conference on Biomedical Engineering (ICBME), November 2016
- 33 Vida Mehdizadehfar, Farnaz Ghassemi, Ali Fallah, "Analysis of Brain Connectivity Patterns in Autistic Children During Watching Emotional Faces ", 2016 23rd Iranian Conference on Biomedical Engineering and 2016 1st International Iranian Conference on Biomedical Engineering (ICBME), November 2016
- 34 Vida Mehdizadehfar, Farnaz Ghassemi, Ali Fallah, "Analysis of Effective Connectivity in Autistic and normal Children During Watching Emotional states ", The 3rd Iranian Conference on Bioelectromagnetics -ICBEM2016, August 2016
- 35 Asghar Zarei, Farnaz Ghassemi, Mohammad Hassan Moradi, "Information based Source Number Estimation for Probabilistic Common Spatial Pattern in Motor Imaginary BCI System ", The 24th Iranian Conference on Electrical Engineering (ICEE 2016), May 2016
- 36 Farnaz Ghassemi, "Identification of Brain-activity/Artifactual Components of EEG Using Independent Component Analysis ", Basic and Clinical Neuroscience Congress 2015, December 2015
- 37 Malahat Akbarfahimi, Mehdi Tehrani-Doost, Farnaz Ghassemi, "The relationship between global functioning of patients with schizophrenia and Negative Emotional faces perception: An Event Related Potential Study (ERP) ", Basic and Clinical Neuroscience Congress 2015, December 2015
- 38 Parivash Pour Abbasi Najaf Abadi, Farnaz Ghassemi, Mehdi Tehrani-Doost, "Group-ICA reveals significant difference in facial expression recognition between ADHD and Normal children ", Basic and Clinical Neuroscience Congress 2015, December 2015
- 39 Azadeh Borandeh, Athena Taymourtash, Farnaz Ghassemi, "Evaluation of self-rating ADHD symptoms and CPT measurements in a sample of college students ", Basic and Clinical Neuroscience Congress 2015, December 2015
- 40 Athena Taymourtash, Farnaz Ghassemi, "Validity Assessment of Group Independent Component Analysis by Comparing EEG Dynamics of ADHD and Normal Individuals ", 2nd Iranian Conference on Human Brain Mapping, November 2015
- 41 Negin Gholamipourbarogh, Farnaz Ghassemi, "Seeking Brain-Based Activities Related to Sustained Attention in Electroencephalography Data Using Time and Frequency Domain ICA ", 2nd Iranian Conference on Human Brain Mapping, November 2015
- 42 Negin Gholamipourbarogh, Farnaz Ghassemi, "Estimation The Reliability of Independent Components in Time and Frequency Domain by ReICA Algorithms ", The 22nd Iranian Conference of Biomedical Engineering, November 2015
- 43 Athena Taymourtash, Farnaz Ghassemi, "Independent Component Analysis of Sparse-transformed EEG signals for ADHD / Normal Adults Classification ", 23rd Iranian Conference on Electrical Engineering, May 2015
- 44 Safa Rafiei Vand, Farnaz Ghassemi, "Could ADHD symptoms make individuals susceptible for Internet addiction? ", 21st Iranian Conference on Biomedical Engineering, November 2014
- 45 Athena Taymourtash, Farnaz Ghassemi, "Neurophysiological Correlates of Inhibitory Control in Adults with ADHD Revealed by Iterative Independent Component Analysis ", 21st Iranian Conference on Biomedical Engineering, November 2014
- 46 Athena Taymourtash, Farnaz Ghassemi, "EEG Topography Differences of ADHD Adults during a GO/NOGO Task ", 3rd basic and clinical neuroscience congress, October 2014
- 47 Athena Taymourtash, Farnaz Ghassemi, "ADHD/Control Adults' Discrimination based on Group-Independent Components ", First International Conference on Human Brain Mapping, May 2014
- 48 Malahat Akbarfahimi, Mehdi Tehrani-Doost, Farnaz Ghassemi, "The N170 elicited by fearful and happy faces-in schizophrenic patients; an Event Related Potential (ERP) study ", 2nd Basic and Clinical Neuroscience Congress, December 2013
- 49 Sara Nouri, Farnaz Ghassemi, "Evaluating ERP Components during the Continuous Performance Test in Normal/ADHD Participants ", 2nd Basic and Clinical Neuroscience Congress, December 2013

50 Hamid Reza Pour Etemad, Farnaz Ghassemi, Fatemeh Keshvari, Sepideh Sadegi, Ehsan Darestani, "An ERP Study of Moral Judgement ", 5th International Conference of Cognitive Science, May 2013

51 Farnaz Ghassemi, "Brain Mapping and Neuroimaging in Neuroscience ", Basic and Clinical Neuroscience Congress, November 2012

Taught Courses

#	Course title	Description	Headlines	Date
1	Statistical Analysis of Medical Data	Ability to Analysis and Inference about Medical Data Statistics		Fall 2021
2	Statistical Analysis of Medical Data	Ability to Analysis and Inference about Medical Data Statistics		Fall 2021
3	Blind Source Separation and Its Applications in Medicine	Different methods of ICA and its application in medicine		Spring 2021
4	Analog Communication & Digital Systems	1-Digital COMMUNICATION 2-ANALOG COMMUNICATION		Spring 2021
5	Analog Communication & Digital Systems	1-Digital COMMUNICATION 2-ANALOG COMMUNICATION		Spring 2021
6	Statistical Analysis of Medical Data	Ability to Analysis and Inference about Medical Data Statistics		Fall 2020
7	Research Method & Report Writings	Research Method & Report Writings		Fall 2020