

# Prof. FATMA LATİFOĞLU

## Personal Information

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## International Researcher IDs

ScholarID: 0ITbHdYAAAAJ

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Publons / Web Of Science ResearcherID: AAM-1383-2021

ScopusID: 15063074000

Yoksis Researcher ID: 133005

## Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği, Turkey 2003 - 2008

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Elektronik Mühendisliği, Turkey 2001 - 2003

Undergraduate, Erciyes University, Mühendislik Fakültesi, Elektronik Mühendisliği, Turkey 1996 - 2001

## Foreign Languages

English, B2 Upper Intermediate

## Dissertations

Doctorate, Umbilikal ve uterin atardamar doppler işaretlerinden hamileliğin değerlendirilmesi ve myoma uterinin tespiti, Erciyes Üniversitesi, Mühendislik Fakültesi, Elektronik Mühendisliği, 2008

Postgraduate, Karotid atar damar doppler sinyallerinden damar sertliğinin erken dönemde teşhisi, Erciyes Üniversitesi, Mühendislik Fakültesi, Elektronik Mühendisliği, 2003

## Research Areas

Engineering and Technology

## Academic Titles / Tasks

Associate Professor, Erciyes University, Mühendislik Fakültesi, Biyomedikal Mühendisliği , 2015 - Continues

Assistant Professor, Erciyes University, Mühendislik Fakültesi, Biyomedikal Mühendisliği , 2007 - 2015

## Courses

Biyomedikal Sinyal İşleme, Undergraduate, 2017 - 2018  
Fizyolojik Kontrol Sistemleri ve Modelleme, Undergraduate, 2017 - 2018  
Sinyaller ve Sistemler, Undergraduate, 2017 - 2018  
Sinyal İşleme, Undergraduate, 2017 - 2018  
Mühendislik Sistem Teorisi I, Undergraduate, 2017 - 2018

## Advising Theses

LATİFOĞLU F., ANKSİYETE BOZUKLUĞU OLAN ÇOCUK VE ERGENLERİN EGG VE PUPİL YANITI İLE DEĞERLENDİRİLMESİ, Postgraduate, M.Fatih(Student), 2017  
LATİFOĞLU F., EOG TESTİ İLE DİKKAT EKSİKLİĞİNİN TANISI, Postgraduate, M.Yasin(Student), 2017  
LATİFOĞLU F., MR İLE TALASEMİ HASTALARINDA DEMİR BİRİKİMİ ÖLÇÜM SİSTEMİ TASARIMI VE GELİŞTİRİLMESİ, Postgraduate, Y.İlhan(Student), 2017  
LATİFOĞLU F., GASTROÖZOFAGEL REFLÜ HASTALIĞINDA NONİNVAZİV EGG SİNYALLERİNİN TANISAL DEĞERİNİN ORTAYA KONMASI, Postgraduate, E.Çelikzencir(Student), 2016  
LATİFOĞLU F., FİBER TRAKTROGRAFI İLE HARİTALANDIRILMIŞ YOLAKLARIN, BEYİN TÜMÖRLERİ İLE ETKİLEŞİMİNİN ÜÇ BOYUTLU İNCELENMESİ, Postgraduate, E.Kavuncuoğlu(Student), 2015  
LATİFOĞLU F., GASTROPAREZİ HASTALIĞININ TEŞHİSİ İÇİN ELEKTROGASTROGRAM SİNYALLERİNDEN ÖZELLİK ÇIKARIMI, Postgraduate, Ç.Gülizar(Student), 2015  
LATİFOĞLU F., Ki-67 İLE BOYANAN HİSTOPATOLOJİK GÖRÜNTÜLER ÜZERİNDE POZİTİF HÜCRE SAYIMI, Postgraduate, S.Arıkan(Student), 2015  
LATİFOĞLU F., HİSTOPATOLOJİK GÖRÜNTÜLER ÜZERİNDE BLGE BÜYÜTME YÖNTEMİ İLE MİTOZ SAYIMI, Postgraduate, D.Sönmezer(Student), 2012  
LATİFOĞLU F., ÇÖLYAK HASTALIĞINA AİT EVRELERİN GÖRÜNTÜ ANALİZİ VE SINIFLANDIRILMASI, Postgraduate, H.Hisar(Student), 2011  
LATİFOĞLU F., KALP ENFARKTÜSÜ GEÇİRMİŞ KİŞİLERE AİT DOPPLER SİNYAL ANALİZİ, Postgraduate, T.Koza(Student), 2010  
LATİFOĞLU F., HEMODİYALİZ HASTALARINDA TOPLAM VÜCUT SIVISI MİKTARININ NONİNVAZİYE YÖNTEMLE ÖLÇÜLMESİ, Postgraduate, M.Akif(Student), 2010

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A novel approach for detection of dyslexia using convolutional neural network with EOG signals**  
Ileri R., LATİFOĞLU F., DEMİRCİ E.  
MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING, 2022 (Peer-Reviewed Journal)
- II. **Beyond the colors: enhanced deep learning on invasive ductal carcinoma**  
Öztürk M., Baran M., Latifoğlu F.  
NEURAL COMPUTING & APPLICATIONS, 2022 (Peer-Reviewed Journal)
- III. **CAN PATIENTS IN DEEP COMA HEAR US? EXAMINATION OF COMA DEPTH USING PHYSIOLOGICAL SIGNALS**  
Altıntop Ç. G. , Latifoğlu F., Karayol Akn A.  
BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.77, no.1, pp.1-13, 2022 (Peer-Reviewed Journal)
- IV. **Classification of Depth of Coma Using Complexity Measures and Nonlinear Features of Electroencephalogram Signals**  
Altıntop Ç. G. , Latifoğlu F., Karayol Akn A., Bayram A., Çiftçi M.  
International Journal Of Neural Systems, vol.1, no.1, pp.1-16, 2022 (Peer-Reviewed Journal)
- V. **A novel approach for detection of consciousness level in comatose patients from EEG signals with 1-D convolutional neural network**  
Altıntop Ç. G. , Latifoğlu F., Karayol Akn A., Çetin B.

Biocybernetics And Biomedical Engineering, vol.41, no.1, pp.16-26, 2021 (Peer-Reviewed Journal)

- VI. **Detection of amyotrophic lateral sclerosis disease from event-related potentials using variational mode decomposition method**  
Orhanbulucu F., LATİFOĞLU F.  
COMPUTER METHODS IN BIOMECHANICS AND BIOMEDICAL ENGINEERING, 2021 (Peer-Reviewed Journal)
- VII. **Assessment of dyslexic children with EOG signals: Determining retrieving words/re-reading and skipping lines using convolutional neural networks**  
LATİFOĞLU F., Ileri R., DEMİRCİ E.  
CHAOS SOLITONS & FRACTALS, vol.145, 2021 (Peer-Reviewed Journal)
- VIII. **Detection of amyotrophic lateral sclerosis disease by variational mode decomposition and convolution neural network methods from event-related potential signals**  
LATİFOĞLU F., Orhanbulucu F., Ileri R.  
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.29, pp.2840-2854, 2021 (Peer-Reviewed Journal)
- IX. **Pericardial fluid and vascular tissue engineering: A preliminary study**  
SÖNMEZER D., LATİFOĞLU F., TOPRAK G., DÜZLER A., İŞOĞLU İ. A.  
Bio-Medical Materials and Engineering, vol.32, no.2, pp.101-113, 2021 (Peer-Reviewed Journal)
- X. **Analysis of Consciousness Level Using Galvanic Skin Response during Therapeutic Effect**  
Altıntop Ç. G. , Latifoğlu F., Akin A., Ileri R., Yazar M. A.  
JOURNAL OF MEDICAL SYSTEMS, vol.45, no.1, 2021 (Peer-Reviewed Journal)
- XI. **A novel singular spectrum analysis-based multi-objective approach for optimal FIR filter design using artificial bee colony algorithm**  
LATİFOĞLU F.  
NEURAL COMPUTING & APPLICATIONS, vol.32, no.17, pp.13323-13341, 2020 (Peer-Reviewed Journal)
- XII. **Diagnosis of attention-deficit hyperactivity disorder using EOG signals: a new approach**  
LATİFOĞLU F., Esas M. Y. , DEMİRCİ E.  
Biomedizinische Technik, vol.65, pp.149-164, 2020 (Peer-Reviewed Journal)
- XIII. **Analysis of the Complexity Measures in the EEG of Schizophrenia Patients**  
Akar S. A. , Kara S., LATİFOĞLU F., Bilgic V.  
INTERNATIONAL JOURNAL OF NEURAL SYSTEMS, vol.26, no.2, 2016 (Peer-Reviewed Journal)
- XIV. **Importance of hybrid models for forecasting of hydrological variable**  
Latifoglu L., Kisi O., LATİFOĞLU F.  
NEURAL COMPUTING & APPLICATIONS, vol.26, no.7, pp.1669-1680, 2015 (Peer-Reviewed Journal)
- XV. **Estimation of nonlinear measures of schizophrenia patients' EEG in emotional states**  
Akar S. A. , Kara S., LATİFOĞLU F., BILGIC V.  
IRBM, vol.36, no.4, pp.250-258, 2015 (Peer-Reviewed Journal)
- XVI. **Investigation of the noise effect on fractal dimension of EEG in schizophrenia patients using wavelet and SSA-based approaches**  
Akar S. A. , Kara S., LATİFOĞLU F., Bilgic V.  
BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.18, pp.42-48, 2015 (Peer-Reviewed Journal)
- XVII. **Analysis of heart rate variability during auditory stimulation periods in patients with schizophrenia**  
Akar S. A. , Kara S., LATİFOĞLU F., Bilgic V.  
JOURNAL OF CLINICAL MONITORING AND COMPUTING, vol.29, no.1, pp.153-162, 2015 (Peer-Reviewed Journal)
- XVIII. **Investigation of Empirical Mode Decomposition in Forecasting of Hydrological Time Series**  
Kisi O., Latifoglu L., LATİFOĞLU F.  
WATER RESOURCES MANAGEMENT, vol.28, no.12, pp.4045-4057, 2014 (Peer-Reviewed Journal)
- XIX. **A novel approach to speckle noise filtering based on Artificial Bee Colony algorithm: An ultrasound image application**  
Latifoglu F.  
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.111, no.3, pp.561-569, 2013 (Peer-Reviewed Journal)

- XX. **Elimination of noise on transcranial Doppler signal using IIR filters designed with artificial bee colony - ABC-algorithm**  
KARABOĞA N., LATİFOĞLU F.  
DIGITAL SIGNAL PROCESSING, vol.23, no.3, pp.1051-1058, 2013 (Peer-Reviewed Journal)
- XXI. **Adaptive filtering noisy transcranial Doppler signal by using artificial bee colony algorithm**  
KARABOĞA N., LATİFOĞLU F.  
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, vol.26, no.2, pp.677-684, 2013 (Peer-Reviewed Journal)
- XXII. **Spectral analysis of photoplethysmographic signals: The importance of preprocessing**  
Akar S. A. , Kara S., LATİFOĞLU F., BILGIC V.  
BIOMEDICAL SIGNAL PROCESSING AND CONTROL, vol.8, no.1, pp.16-22, 2013 (Peer-Reviewed Journal)
- XXIII. **Non-Invasive Diagnosis of Stress Urinary Incontinence Sub Types Using Wavelet Analysis, Shannon Entropy and Principal Component Analysis**  
Tufan K., Kara S., LATİFOĞLU F., Aydin S., Kiris A., Ozkuvanci U.  
JOURNAL OF MEDICAL SYSTEMS, vol.36, no.4, pp.2159-2169, 2012 (Peer-Reviewed Journal)
- XXIV. **Use of Kernel Functions in Artificial Immune Systems for the Nonlinear Classification Problems**  
Ozsen S., Gunes S., Kara S., LATİFOĞLU F.  
IEEE TRANSACTIONS ON INFORMATION TECHNOLOGY IN BIOMEDICINE, vol.13, no.4, pp.621-628, 2009 (Peer-Reviewed Journal)
- XXV. **SPECTRAL ANALYSIS OF UMBILICAL ARTERY DOPPLER SIGNALS DURING GESTATION UTILIZING DISCRETE WAVELET TRANSFORM**  
Kara S., LATİFOĞLU F., Imal E., GÜNEY M.  
EXPERIMENTAL TECHNIQUES, vol.33, no.4, pp.52-58, 2009 (Peer-Reviewed Journal)
- XXVI. **Comparison of Short-Time Fourier Transform and Eigenvector MUSIC Methods Using Discrete Wavelet Transform for Diagnosis of Atherosclerosis**  
LATİFOĞLU F., Kara S., Imal E.  
JOURNAL OF MEDICAL SYSTEMS, vol.33, no.3, pp.189-197, 2009 (Peer-Reviewed Journal)
- XXVII. **Usage of a novel, similarity-based weighting method to diagnose atherosclerosis from carotid artery Doppler signals**  
Polat K., LATİFOĞLU F., Kara S., Guenes S.  
MEDICAL & BIOLOGICAL ENGINEERING & COMPUTING, vol.46, no.4, pp.353-362, 2008 (Peer-Reviewed Journal)
- XXVIII. **Medical diagnosis of atherosclerosis from Carotid Artery Doppler Signals using principal component analysis (PCA), k-NN based weighting pre-processing and Artificial Immune Recognition System (AIRS)**  
LATİFOĞLU F., Polat K., Kara S., Guenes S.  
JOURNAL OF BIOMEDICAL INFORMATICS, vol.41, no.1, pp.15-23, 2008 (Peer-Reviewed Journal)
- XXIX. **Determining fractal dimension of umbilical artery doppler signals using hurst exponent**  
LATİFOĞLU F., Kara S., Gueney M.  
JOURNAL OF MEDICAL SYSTEMS, vol.31, no.6, pp.529-536, 2007 (Peer-Reviewed Journal)
- XXX. **A new supervised classification algorithm in artificial immune systems with its application to carotid artery Doppler signals to diagnose atherosclerosis**  
Ozsen S., Kara S., LATİFOĞLU F., Gunes S.  
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.88, no.3, pp.246-255, 2007 (Peer-Reviewed Journal)
- XXXI. **Diagnosis of atherosclerosis from carotid artery Doppler signals as a real-world medical application of artificial immune systems**  
LATİFOĞLU F., Sahan S., Kara S., Gunes S.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.33, no.3, pp.786-793, 2007 (Peer-Reviewed Journal)
- XXXII. **Medical application of artificial immune recognition system (AIRS): Diagnosis of atherosclerosis from carotid artery Doppler signals**  
LATİFOĞLU F., Kodaz H., Kara S., Gunes S.  
COMPUTERS IN BIOLOGY AND MEDICINE, vol.37, no.8, pp.1092-1099, 2007 (Peer-Reviewed Journal)

- XXXIII. **Complex-valued wavelet artificial neural network for Doppler signals classifying**  
Ozbay Y., Kara S., LATİFOĞLU F., Ceylan R., Ceylan M.  
ARTIFICIAL INTELLIGENCE IN MEDICINE, vol.40, no.2, pp.143-156, 2007 (Peer-Reviewed Journal)
- XXXIV. **Pattern detection of atherosclerosis from Carotid Artery Doppler Signals using fuzzy weighted pre-processing and Least Square Support Vector Machine (LSSVM)**  
Polat K., Kara S., LATİFOĞLU F., Gunes S.  
ANNALS OF BIOMEDICAL ENGINEERING, vol.35, no.5, pp.724-732, 2007 (Peer-Reviewed Journal)
- XXXV. **Spectral analysis of portal vein Doppler signals using STFT and AR modeling in the cirrhotic portal hypertension patients**  
Kara S., LATİFOĞLU F., Karahan O. I., Kahriman G.  
EXPERIMENTAL TECHNIQUES, vol.31, no.2, pp.51-56, 2007 (Peer-Reviewed Journal)
- XXXVI. **A system to diagnose atherosclerosis via wavelet transforms, principal component analysis and artificial neural networks**  
Kara S., Dirgenali F.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.32, no.2, pp.632-640, 2007 (Peer-Reviewed Journal)
- XXXVII. **Classification of carotid artery Doppler signals in the early phase of atherosclerosis using complex-valued artificial neural network**  
Ceylan M., Ceylan R., Dirgenali F., Kara S., Ozbay Y.  
COMPUTERS IN BIOLOGY AND MEDICINE, vol.37, no.1, pp.28-36, 2007 (Peer-Reviewed Journal)
- XXXVIII. **Estimation of wavelet and short-time Fourier transform sonograms of normal and diabetic subjects' electrogastrogram**  
Dirgenali F., Kara S., Okkesim S.  
COMPUTERS IN BIOLOGY AND MEDICINE, vol.36, no.12, pp.1289-1302, 2006 (Peer-Reviewed Journal)
- XXXIX. **Recognition of early phase of atherosclerosis using principles component analysis and artificial neural networks from carotid artery Doppler signals**  
Dirgenali F., Kara S.  
EXPERT SYSTEMS WITH APPLICATIONS, vol.31, no.3, pp.643-651, 2006 (Peer-Reviewed Journal)
- XL. **Utilization of artificial neural networks and autoregressive modeling in diagnosing mitral valve stenosis**  
KARA S., Guven A., OKANDAN M., DİRGENALİ F.  
COMPUTERS IN BIOLOGY AND MEDICINE, vol.36, no.5, pp.473-483, 2006 (Peer-Reviewed Journal)
- XLI. **Detection of gastric dysrhythmia using WT and ANN in diabetic gastroparesis patients**  
Kara S., Dirgenali F., Okkesim S.  
COMPUTERS IN BIOLOGY AND MEDICINE, vol.36, no.3, pp.276-290, 2006 (Peer-Reviewed Journal)
- XLII. **Detection of atherosclerosis using autoregressive modelling and principles component analysis to carotid artery Doppler signals**  
Kara S., Dirgenali F.  
BIO-MEDICAL MATERIALS AND ENGINEERING, vol.16, no.4, pp.269-277, 2006 (Peer-Reviewed Journal)
- XLIII. **A novel approach to resource allocation mechanism in Artificial Immune Recognition System: Fuzzy resource allocation mechanism and application to diagnosis of atherosclerosis disease**  
Polat K., Kara S., LATİFOĞLU F., Gunes S.  
ARTIFICIAL IMMUNE SYSTEMS, PROCEEDINGS, vol.4163, pp.244-255, 2006 (Peer-Reviewed Journal)
- XLIV. **Comparison of an eigenvector music method with classical FFT and model based AR methods in the analysis of mitral valve Doppler signals**  
Dirgenali F., Kara S.  
INSTRUMENTATION SCIENCE & TECHNOLOGY, vol.33, no.5, pp.575-595, 2005 (Peer-Reviewed Journal)
- XLV. **Estimating gastric rhythm differences using a wavelet method from the electrogastrograms of normal and diabetic subjects**  
Kara S., Dirgenali F., Okkesim S.  
INSTRUMENTATION SCIENCE & TECHNOLOGY, vol.33, no.5, pp.519-532, 2005 (Peer-Reviewed Journal)
- XLVI. **Comparison of the autoregressive modeling and fast Fourier transformation in demonstrating**

## **Doppler spectral waveform changes in the early phase of atherosclerosis**

Dirgenali F., Kara S., Erdogan N., Okandan M.

COMPUTERS IN BIOLOGY AND MEDICINE, vol.35, no.1, pp.57-66, 2005 (Peer-Reviewed Journal)

## **Articles Published in Other Journals**

- I. **Performance Analysis in Optimization Based FIR Filter Designs**  
Karakas M. F. , Latifoğlu F.  
Avrupa Bilim ve Teknoloji Dergisi, vol.31, no.1, pp.8-22, 2021 (Peer-Reviewed Journal)
- II. **Enzymatic Function Estimation with Binary and Multilabel Classification Using Deep Learning Techniques**  
Baran M., Öztürk M., Latifoğlu F.  
Avrupa Bilim ve Teknoloji Dergisi, vol.32, pp.262-267, 2021 (Peer-Reviewed Journal)
- III. **Gri Kurt Optimizasyon Algoritması ile Kosinüs Modüleli Süzgeç Bankası Tasarımı**  
Arıkan S., Latifoğlu F.  
Avrupa Bilim ve Teknoloji Dergisi, no.26, pp.472-476, 2021 (Peer-Reviewed Journal)
- IV. **Analysis of The Electrodermal Activity Signals for Different Stressors Using Empirical Mode Decomposition**  
İLERİ R., LATİFOĞLU F.  
Akademik Platform Mühendislik ve Fen Bilimleri Dergisi, pp.407-414, 2020 (Peer-Reviewed Journal)
- V. **Analysis of Attention to Potential Signals of ALS Patients by Using the K-Means Clustering Method**  
LATİFOĞLU F., ORHANBULUCU F., BAŞ A.  
Avrupa Bilim ve Teknoloji Dergisi, pp.239-244, 2020 (Peer-Reviewed Journal)
- VI. **Analysis of Effect of Stress to Attention using Galvanic Skin Response, Response Time and Electrooculography signals**  
LATİFOĞLU F., İLERİ R., DEMİRHAN S., BEKER F. G. , SARIKÖSE M.  
Electronic Letters on ScienceEngineering, 2018 (Peer-Reviewed Journal)
- VII. **Determining of Gastroparesis Disease from Electrogastrogram Signals Using Cramer-Rao Lower Bound and Power Spectral Density**  
ALTINTOP Ç. G. , LATİFOĞLU F., Çelikzencir E., SEZGIN G. C. , Yurci A.  
ISTANBUL UNIVERSITY-JOURNAL OF ELECTRICAL AND ELECTRONICS ENGINEERING, vol.17, no.1, pp.3061-3067, 2017 (Peer-Reviewed Journal)
- VIII. **Diagnosis of Gastroesophageal Reflux Disease Using Discrete Wavelet Transform from EGG Signals**  
Çelikzencir E., Acer Ç. G. , Latifoğlu F., Can Sezgin G., Yurci M. A.  
Süleyman Demirel Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.20, no.2, pp.266-276, 2016 (Peer-Reviewed Journal)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **GAITA MİKROBİYOTASININ HASTALIKLARLA İLİŞKİSİNDE ÖĞRENME MODELLERİNİN KARŞILAŞTIRILMASI**  
BARAN M., ÖZTÜRK M., LATİFOĞLU F.  
MAS INTERNATIONAL EUROPEAN CONFERENCE ON MATHEMATICS-ENGINEERING-NATURAL&MEDICAL SCIENCES-XV September 7-8, 2021 ADANA, Adana, Turkey, 07 September 2021, pp.68-80
- II. **Controlled Human Activity Recognition Using Deep Neural Networks**  
Esas M. Y. , Latifoğlu F.  
VII. INSAC International Congress on Natural and Engineering Sciences , Konya, Turkey, 21 - 23 October 2021, pp.109-117
- III. **EVALUATION OF P300 WAVE BY VARIATION COEFFICIENT IN ALS PATIENTS**

Latifoğlu F., Orhan Bulucu F.

MAS 11th International European Conference on Mathematics, Engineering, Natural & Medical Sciences, Tokat, Turkey, 13 - 15 March 2021, pp.108-109

**IV. DETERMINATION OF ATTENTION STATUS IN ALS PATIENTS WITH EVOKED POTENTIALS**

Latifoğlu F., Orhan Bulucu F.

MAS 11th International European Conference on Mathematics, Engineering, Natural & Medical Sciences, Tokat, Turkey, 13 - 15 March 2021, pp.148-154

**V. Finite Impulse Response Filter Design Using Squirrel Search Algorithm Sincap Arama Algoritması Kullanarak Sonlu Dürtü Yanıtlı Filtre Tasarımı**

KARAKAŞ M. F. , LATİFOĞLU F.

2020 Medical Technologies Congress, TIPTEKNO 2020, Antalya, Turkey, 19 - 20 November 2020

**VI. New Method to Diagnosis of Dyslexia Using 1D-CNN**

Ileri R., LATİFOĞLU F., DEMİRCİ E.

2020 Medical Technologies Congress, TIPTEKNO 2020, Antalya, Turkey, 19 - 20 November 2020

**VII. Detection of Reading Movement from EOG Signals**

Latifoğlu F., İleri R., Demirci E., Altıntop Ç. G.

The 15th Edition of IEEE International Symposium on Medical Measurements and Applications, Bari, Italy, 1 - 03 June 2020, pp.1-5

**VIII. Evaluation of Glasgow Coma Score Using Electroencephalogram Signals**

Latifoğlu F., Altıntop Ç. G. , Karayol Akin A., İleri R., Yazar M. A.

The 15th Edition of IEEE International Symposium on Medical Measurements and Applications, Bari, Italy, 1 - 03 June 2020, pp.1-6

**IX. Analysis of ECG Signals Recorded Using Different Stimuli from Patients in Intensive Care Unit: A Case Study**

Altıntop Ç. G. , Latifoğlu F., Yazar M. A. , Karayol Akin A., İleri R.

International Symposium on Innovative Technologies in Engineering and Science, Şanlıurfa, Turkey, 22 - 24 November 2019, pp.831-840

**X. Bilinci Kapalı Hastalara Aile/Hemşire Etkisinin Analizi**

Latifoğlu F., Altıntop Ç. G. , Karayol Akin A., İleri R., Yazar M. A.

Tıp Teknolojileri Ulusal Kongresi, İzmir, Turkey, 3 - 05 October 2019, pp.485-488

**XI. Classification of healthy and pathological voices using artificial neural networks Sağlıkli ve patolojik seslerin yapay sinir ağıları kullanarak sınıflandırılması**

Ileri R., LATİFOĞLU F., GÜVEN A.

2019 Medical Technologies Congress, TIPTEKNO 2019, İzmir, Turkey, 3 - 05 October 2019

**XII. Use of EOG (electrooculogram) signals in children with ADHD: a preliminary study**

Demirci E., Latifoğlu F., Esas M. Y. , İleri R., Taştepe N., Özmen S., Altıntop Ç. G.

Çocuk ve Ergen Ruh Sağlığı ve Hastalıkları Kongresi, İstanbul, Turkey, 2 - 05 May 2019, pp.175

**XIII. Artificial Neural Network Based Diagnostic System For Melanoma Skin Cancer**

Ileri R., LATİFOĞLU F., İÇER S.

Medical Technologies Congress (TIPTEKNO), İzmir, Turkey, 3 - 05 October 2019, pp.25-28

**XIV. Effect of Vascular Endothelial Growth Factor (VEGF) on Cells Isolated from Pericardial Fluid**

SÖNMEZER D., LATİFOĞLU F., TOPRAK G., DÜZLER A.

Medical Technologies Congress (TIPTEKNO), İzmir, Turkey, 3 - 05 October 2019, pp.184-187

**XV. Analysis of Family/Nurse Affect to Unconscious Patients**

LATİFOĞLU F., ALTINTOP Ç. G. , KARAYOL AKIN A., İleri R., Yazar M. A.

Medical Technologies Congress (TIPTEKNO), İzmir, Turkey, 3 - 05 October 2019, pp.248-251

**XVI. High performance prototype filter design and cost function determination**

LATİFOĞLU F., KANDÖKER B.

ÇUKUROVA I. ULUSLARARASI MULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 13 - 16 December 2018

**XVII. Cell isolating from bovine pericardial fluid and culturing for next tissue engineering applications**

LATİFOĞLU F., Sönmezer D., Toprak G., Düzler A., İşler İ. A. , Kaan D.

International Conference on Technology, Engineering and Science (Icontes 2018), Antalya, Turkey, 26 - 29 October 2018, vol.4, pp.224-229

- XVIII. Assessment of Anxiety Disorder by EGG Response**  
KARAKAŞ M. F. , LATİFOĞLU F., DEMİRCİ E.  
CIEA 2018 INTERNATIONAL CONFERENCE ON INNOVATIVE ENGINEERING APPLICATIONS, 20 - 22 September 2018
- XIX. Evaluation of Physiological Signals during Interaction to the Relatives of Patients in the Intensive Care Unit**  
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## Non Academic Experience

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