

NEAR EAST UNIVERSITY
FACULTY OF ENGINEERING
PUBLICATIONS IN 2017

NAME-SURNAME	TITLE OF PUBLICATION
Assoc. Prof. Dr. Melike ŞAH DİREKOĞLU	Semantic Annotation of Surveillance Videos for Abnormal Crowd Behaviour Search and Analysis
Assoc. Prof. Dr. Melike ŞAH DİREKOĞLU	Abnormal Crowd Behavior Detection Using Novel Optical Flow-Based Features
Assoc. Prof. Dr. Melike ŞAH DİREKOĞLU	Adaptive Game-based E-Learning using Semantic Web Technologies
Assoc. Prof. Dr. Melike ŞAH DİREKOĞLU	Predicting Efficiency of Flat-Plate Solar Collector using a Fuzzy Inference System
Assoc. Prof. Dr. Melike ŞAH DİREKOĞLU	Automated Software System for Checking the Structure and Format of ACM SIG Documents
Research Asst. John Bush IDOKO	ITM Web of Conferences. (Static and dynamic pedestrian detection algorithm for visual based driver assistive system)
Research Asst. John Bush IDOKO	International Journal of Advanced Computer Science and Applications. (One-Year Survival Prediction of Myocardial Infarction)
Research Asst. John Bush IDOKO	Springer, Cham. (Automated classification of fruits: pawpaw fruit as a case study)
Research Asst. John Bush IDOKO	Procedia Computer Science. (Machine learning techniques for classification of breast tissue)
Research Asst. John Bush IDOKO	International Journal of Advanced Computer Science and Applications. (Intelligent Classification of Liver Disorder using Fuzzy Neural System)
Lecturer Ahmet İLHAN	Diagnosis of heart disease using genetic algorithm based trained recurrent fuzzy neural networks
Lecturer Ahmet İLHAN	Brain tumor segmentation based on a new threshold approach
Lecturer Berna UZUN	Evaluating nuclear medicine imaging devices using fuzzy PROMETHEE method
Lecturer Berna UZUN	Application of Markov chain-fuzzy state to gold price
Lecturer Berna UZUN	Evaluating Cancer Treatment Alternatives using Fuzzy PROMETHEE Method
Lecturer Hamit ALTIPARMAK	The Effect of Work Safety on Stress in Nursing
Lecturer Murat ARSLAN	Robot Based Pathfinding Obstacle Detection Using Vision
Lecturer Selin ÜZELALTINBULAT	Lung Tumor Segmentation Algorithm
Lecturer Selin ÜZELALTINBULAT	Estimation of Impact of the Changes Made to the Tax Legislation to the Tax Receipts Through Fuzzy Numbers
Lecturer Yücel İNAN	9th International Conference on Theory and Application of Soft Computing, Computing with Words and Perception, ICSCCW 2017, 24-25 August 2017, Budapest, Hungary Offline signature recognition system using Artificial Neural Network Yücel Inan 1 ,Boran Şekeroğlu 2
Asst. Prof. Dr. Besime ERİN	Navigation of Mobile Robot using Type-2 Fuzzy System
Asst. Prof. Dr. Besime ERİN	Fuzzy Obstacle Avoidance and Navigation of Mobile Robots
Asst. Prof. Dr. Elbrus Bashir IMANOV	Assessment of food security risk level using type 2 fuzzy system.
Asst. Prof. Dr. Kaan UYAR	The Accessibility of Cyprus Islands' Higher Education Institution Websites
Asst. Prof. Dr. Kaan UYAR	Diagnosis of heart disease using genetic algorithm based trained recurrent fuzzy neural networks
Asst. Prof. Dr. Ümit İLHAN	The Accessibility of Cyprus Islands' Higher Education Institution Websites
Asst. Prof. Dr. Ümit İLHAN	Brain tumor segmentation based on a new threshold approach
Lecturer Cemal KAVALCIOĞLU	Electromyogram (EMG) Signal Detection, Classification of EMG signals and diagnosis of Neuropathy muscle disease

Prof. Dr. Sezai Dinger	Back diffusion of electrons in argon subjected to uniform time invariant orthogonal electric and magnetic fields
Asst. Prof. Dr. Huseyin HACI	A Novel Precoding Technique for Non-orthogonal Multiple Access
Asst. Prof. Dr. Huseyin HACI	Performance Study of Non-orthogonal Multiple Access (NOMA) with Triangular Successive Interference Cancellation
Asst. Prof. Dr. Huseyin HACI	Performance of Non-orthogonal Multiple Access (NOMA) with a Novel Asynchronous Interference Cancellation Technique
Asst. Prof. Dr. Huseyin HACI	Technology Enhanced Instruction: An Example of English Language Learning in the Context of Peace
Asst. Prof. Dr. Ali SERENER	Use of DVB-T and DVB-S2 in telecardiology
Asst. Prof. Dr. Erkut İNAN İŞERİ	The Accessibility of Cyprus Islands' Higher Education Institution Websites
Asst. Prof. Dr. Parwaneh ESMAİLİ	Adaptive Neuro Integral Sliding Mode Control on Synchronization of Two Robot Manipulators
Asst. Prof. Dr. Seyedeh Fatemeh MIREKHTIARY	Gross alpha and beta exposure assessment due to intake of drinking water in Guilan, Iran
Prof. Dr. Şenol Bektaş	Attachment, ionization and excitation rates and Positive Synergism in CF3I + CF4 + Ar Gas Mixtures with Dilute CF3I Components” by M.S. Dincer, Tezcan Suleyman; Bektaş Şenol, 2017.
Prof. Dr. Şenol Bektaş	“Back diffusion of electrons in argon subjected to uniform time invariant orthogonal electric and magnetic fields”, M. S. Dincer, Samet Biricik, S. S. Tezcan, and S. Bektaş, 2017
Dr. Youssef KASSEM	A Laboratory Study of the Effects of Wide Range Temperature on the Properties of Biodiesel Produced from Various Waste Vegetable Oils
Dr. Youssef KASSEM	Prediction of biodiesel density for extended ranges of temperature and pressure using adaptive neuro-fuzzy inference system (ANFIS) and radial basis function (RBF).
Dr. Youssef KASSEM	Adaptive neuro-fuzzy inference system (ANFIS) and response surface methodology (RSM) prediction of biodiesel dynamic viscosity at 313 K
Lecturer Filiz ALSHANABLEH	Fuzzy logic model for prediction of cold filter plugging point of biodiesel from various feedstock
Prof. Dr. Mahmut Ahsen SAVAŞ	"Fuzzy Logic Model for Prediction of Cold Filter Plugging Point of Biodiesel from Various Feedstock", Procedia Computer Science, vol. 120, pp. 245-252, 2017.
Asst. Prof. Dr. Ali EVCİL	Fuzzy logic model for prediction of cold filter plugging point of biodiesel from various feedstock
Asst. Prof. Dr. Ali EVCİL	A comparative survey of the energy performances of dwellings across Cyprus
Asst. Prof. Dr. Hüseyin ÇAMUR	A Laboratory Study of the Effects of Wide Range Temperature on the Properties of Biodiesel Produced from Various Waste Vegetable Oils
Asst. Prof. Dr. Hüseyin ÇAMUR	Prediction of biodiesel density for extended ranges of temperature and pressure using adaptive neuro-fuzzy inference system (ANFIS) and radial basis function (RBF).
Asst. Prof. Dr. Hüseyin ÇAMUR	Adaptive neuro-fuzzy inference system (ANFIS) and response surface methodology (RSM) prediction of biodiesel dynamic viscosity at 313 K
Asst. Prof. Dr. Lida E. VAFAEİ	A comparative survey of the energy performance of dwellings across Cyprus, journal
Asst. Prof. Dr. Lida E. VAFAEİ	Predicting efficiency of flat-plate solar collector using a fuzzy inference system
Asst. Prof. Dr. Osman SELİM TÜRKBAS	The effect of dynamic aging on the cyclic stability of Cu73Al16Mn11 shape memory alloy
Lecturer Engin ESENEL	Adaptive neuro-fuzzy inference system (ANFIS) and response surface methodology (RSM) prediction of biodiesel dynamic viscosity at 313 K
Research Asst. Niyazi ŞENTÜRK	Developing an in silico analysis portal for unrevealing genomic signature of Archaic DNA that are related to modern human genetic diseases
Research Asst. Niyazi ŞENTÜRK	Evaluating nuclear medicine imaging devices using fuzzy PROMETHEE method

Research Asst. Niyazi ŞENTÜRK	Evaluating Cancer Treatment Alternatives using Fuzzy PROMETHEE Method
Assoc. Prof. Dr. Fa'eq RADWAN	Anisotropy of some FCC transition metals
Assoc. Prof. Dr. Fa'eq RADWAN	Anisotropy of Different Type of Alloys
Assoc. Prof. Dr. Terin ADALI	Fatma Zor, Rasime Kalkan, Eda Becer, Tamer Sanlıdag, Terin Adalı, “Blood Compatibility Studies of Silk Fibroin-Polyethylene Glycol Dimethacrylate Micrfibers”, Journal of Biotechnology, 256S (2017) S44-S116.
Assoc. Prof. Dr. Terin ADALI	Terin Adalı, Pwadubashiyi Coston Pwavodi, Emrah Guler, Kaya Süer, “Antimicrobial Activity of Chitosan Coated Slk Fibroin Micro-Fibers”, Journal of Biotechnology, 256S (2017) S44-S116.
Assoc. Prof. Dr. Terin ADALI	Hasan Ulaş Yavuz, Pınar Tulay, Tolga Fuatlı, Terin Adalı, “Characterization studies of Silk Fibroin-eggshell Microparticles”, Journal of Biotechnology, 256S (2017) S44-S116.
Dr. Ali İŞİN	Monte Carlo simulation of PET/MR scanner and assessment of motion correction strategies
Dr. Ali İŞİN	Cardiac arrhythmia detection using deep learning
Dr. Ali İŞİN	Lie detection on pupil size by back propagation neural network
Lecturer Fatih Veysel NURÇİN	Lie detection on pupil size by back propagation neural network
Lecturer Fatih Veysel NURÇİN	Evaluating nuclear medicine imaging devices using fuzzy PROMETHEE method
Lecturer Fatih Veysel NURÇİN	Evaluating cancer treatment alternatives using Fuzzy PROMETHEE Method
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	GATE simulation of a high-performance stationary SPECT system for cardiac imaging
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	Light transport in PET scintillator detectors fabricated using laser induced optical barriers
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	Scintillator-based Photon Counting Detector: is it feasible?
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	Evaluating Cancer Treatment Alternatives using Fuzzy PROMETHEE Method
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	The Effect of Work Safety on Stress in Nursing
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	One-year survival prediction of myocardial infarction
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	Monte Carlo simulation of PET/MR scanner and assessment of motion correction strategies
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	GATE simulation of a new design of pinhole SPECT system for small animal brain imaging
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	Simulation and evaluation of a cost-effective high-performance brain PET scanner.
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	Breast cancer image classification using artificial neural networks
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	Lie detection on pupil size by back propagation neural network
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	Evaluating nuclear medicine imaging devices using fuzzy PROMETHEE method
Asst. Prof. Dr. Dilber UZUN ÖZŞAHİN	Sliding Window Based Machine Learning System for the Left Ventricle Localization in MR Cardiac Images
Asst. Prof. Dr. İlker ÖZŞAHİN	Evaluating Cancer Treatment Alternatives using Fuzzy PROMETHEE Method
Asst. Prof. Dr. İlker ÖZŞAHİN	Simulation and evaluation of a cost-effective high-performance brain PET scanner.
Asst. Prof. Dr. İlker ÖZŞAHİN	Evaluating nuclear medicine imaging devices using fuzzy PROMETHEE method
Asst. Prof. Dr. Melis SÜMENGİN ÖZDENEFE	Production and characterization of biosurfactant from Bacillus subtilis using waste breads
Asst. Prof. Dr. Melis SÜMENGİN ÖZDENEFE	Optimization of culture conditions for alkaline protease production from waste breads using Bacillus subtilis
Asst. Prof. Dr. Boran ŞEKEROĞLU	Performance Evaluation of Binarization Methods for Document Images

Asst. Prof. Dr. Hüseyin SEVAY	Evaluation of the genetic parameters for 10 common and five new ESS core autosomal STR loci in seven major geographic regions and the largest metropolitan province of Turkey
Asst. Prof. Dr. Hüseyin SEVAY	Turkish Cypriot paternal lineages bear an autochthonous character and closest resemblance to those from neighbouring Near Eastern populations
Asst. Prof. Dr. Perihan AYSAL ADUN	Simultaneous determination of polychlorinated biphenyls and organochlorine pesticides in fish tissue using QuEChERS method
Research Asst. Fulden ERGÜN	A Preliminary Framework using BPNN for Performability Modelling and Analyses of a Kerberos Server with Frequent Key Renewal
Assoc. Prof. Dr. Kamil DİMİLİLER	Fuzzy Classification for Strawberry Diseases-Infection using Machine Vision and Soft-Computing Techniques
Assoc. Prof. Dr. Kamil DİMİLİLER	Planning pesticides usage for herbal and animal pests based on intelligent classification system with image processing and neural networks
Assoc. Prof. Dr. Kamil DİMİLİLER	A Preliminary Framework using BPNN for Performability Modelling and Analyses of a Kerberos Server
Assoc. Prof. Dr. Kamil DİMİLİLER	The effectiveness of a new classification system in higher education as a new e-learning tool
Assoc. Prof. Dr. Kamil DİMİLİLER	Use of Intelligent Student Mood Classification System (ISMCS) to achieve high quality in education
Assoc. Prof. Dr. Kamil DİMİLİLER	Intelligent Classification System of Pest Insects Based on Image Processing and Neural Arbitration
Assoc. Prof. Dr. Kamil DİMİLİLER	Vulnerability Index Assessment Using Neural Networks
Assoc. Prof. Dr. Kamil DİMİLİLER	Application of Back Propagation Neural Networks on Maize Plant Detection
Assoc. Prof. Dr. Kamil DİMİLİLER	Intelligent Bone Fracture Detection System
Assoc. Prof. Dr. Kamil DİMİLİLER	Lung Lesion Segmentation using Gaussian Filter and Discrete Wavelet Transform
Assoc. Prof. Dr. Kamil DİMİLİLER	Static and Dynamic Pedestrian Detection Algorithm for Visual Based Driver Assistive System
Asst. Prof. Dr. Yöney KIRSAL EVER	Seamless Key Agreement Framework for Mobile-Sink in IoT Based Cloud-Centric Secured Public Safety Sensor Networks
Asst. Prof. Dr. Yöney KIRSAL EVER	The effectiveness of a new classification system in higher education as a new e-learning tool
Asst. Prof. Dr. Yöney KIRSAL EVER	Using simplified swarm optimization on path planning for intelligent mobile robot
Asst. Prof. Dr. Yöney KIRSAL EVER	Lung Lesion Segmentation Using Gaussian Filter and Discrete Wavelet Transform
Asst. Prof. Dr. Yöney KIRSAL EVER	Maturity level of cloud computing at HCT
Asst. Prof. Dr. Yöney KIRSAL EVER	A Preliminary Framework using BPNN for Performability Modelling and Analyses of a Kerberos Server with Frequent Key Renewal
Research Asst. Arif ÖZYANKI	VULNERABILITY INDEX ASSESSMENT USING NEURAL NETWORKS (VIANN): A CASE STUDY OF NICOSIA, CYPRUS
Lecturer Hilmi DİNDAR	VULNERABILITY INDEX ASSESSMENT USING NEURAL NETWORKS (VIANN): A CASE STUDY OF NICOSIA, CYPRUS
Lecturer Serhat CANBOLAT	Application of multivariate statistical analysis to biomarkers in SE-Turkey crude oils
Prof. Dr. Cavit ATALAR	Messinian evaporites in the Mesaoria Basin, North Cyprus: facies and environmental interpretations
Prof. Dr. Cavit ATALAR	VULNERABILITY INDEX ASSESSMENT USING NEURAL NETWORKS (VIANN): A CASE STUDY OF NICOSIA, CYPRUS
Prof. Dr. Kadir GÜRGEY	Application of multivariate statistical analysis to biomarkers in SE-Turkey crude oils
Asst. Prof. Dr. Dr. Jagadeesh Babu	Self-assembly, optical, thermal and electrochemical properties of bis-N-benzyl perylene

BODAPATİ	diimide dye
Asst. Prof. Dr. Aydin HASSANI	Sonocatalytic degradation of ciprofloxacin using synthesized TiO ₂ nanoparticles on montmorillonite
Asst. Prof. Dr. Aydin HASSANI	Degradation of mixture of three pharmaceuticals by photocatalytic ozonation in the presence of TiO ₂ /montmorillonite nanocomposite: Simultaneous determination and intermediates identification
Prof. Dr. Ayşe Günay Kibarar	Multifunctional PP-Based Nanocomposites Incorporated with Organoclays, poly(MA- alt -1-dodecene)- g -SiO ₂ Nanoparticles and Bioengineering Polyesters in Melt by Reactive Extrusion
Prof. Dr. Ayşe Günay Kibarar	EPDM Elastomer and Biothermoplastic Polyester-based Silicate-layered Multifunctional Nanocomposites Incorporated with Poly(MA- alt - α -olefin)- g -APTS-SiO ₂ NPs and PP- g -MA by Reactive Extrusion Nanotechnology
Asst. Prof. Dr. Süleyman AŞIR	Dopamine-imprinted monolithic column for capillary electrochromatography