ISMSIT 2021 ACCEPTED PAPERS

Title	Author(s)	Author(s) Country	Speaker	Publishing
Blokzincir Mimarisi ve Getirdiği Fırsatlar	Arif Furkan Mendi	Turkey	Arif Furkan Mendi	EJOSAT
Piezoelectric Force Sensor-based Measurement System for Recoil Force Analysis	Ibrahim Sami Ilter, Savaş Dilibal, Harun Zengin	Turkey	Ibrahim Sami Ilter	IEEE
Estimating and analyzing the spread of Covid-19 in Turkey using Long Short-Term Memory	Güneş Harman, Ahmed Al-Dulaimi	Turkey	Güneş Harman	IEEE
Yapay Sinir Ağları Kullanarak Kan Testi Sonuçlarının Sınıflandırılması ve Kullanıcı Ara Yüzünün Geliştirmesi	Rıza İlhan, Büşranur Güdar	Turkey	Rıza İlhan	EJOSAT
Performance Effective Battery Management System(BMS) Design of Mini Electric Vehicles	Bekir Emanet, İsmail Kıyak	Turkey	Bekir Emanet	IEEE
The Improvement needs in Blockchain Technology	Arif Furkan Mendi	Turkey	Arif Furkan Mendi	EJOSAT
Electronic Textiles: A Review	Şeyda Eyupoglu	Turkey	Şeyda Eyupoglu	IEEE
Geometry Optimization of Wireless Capacitive Power Transfer Plates for Electrical Vehicle	Noor Qasim AL Saedi, Muhammet Tahir Guneser	Turkey	Noor Qasim AL Saedi	IEEE
Improving Arithmetic Optimization Algorithm Through Modified Opposition-based Learning Mechanism	Davut Izci, Serdar Ekinci, Erdal Eker, Ahmet Dündar	Turkey	Erdal Eker	IEEE
Assessment of Slime Mould Algorithm Based Real PID Plus Second-order Derivative Controller for Magnetic Levitation System	Davut Izci, Serdar Ekinci, Erdal Eker, Ahmet Dündar	Turkey	Erdal Eker	IEEE
A hybrid Algorithms to Improve the Quality of Service in Vehicular Ad-Hoc Networks: A Framework	Mustafa Maad Hamdi, Lukman Audah, Sami Abduljabbar Rashid, Mohammed Salah Abood, Ahmed Shamil Mustafa, Mustafa Sabah Noori	Iraq	Mustafa Maad Hamdi	IEEE
Blokzincir Tabanlı Arazi Kayıt Sisteminin Türkiye-Ankara'da Kullanımı	Arif Furkan Mendi	Turkey	Arif Furkan Mendi	EJOSAT
Robust and Fast Ship Detection In SAR Images With Complex Backgrounds Based on EfficientDet Model	Ali Can Karaca	Turkey	Ali Can Karaca	IEEE
Comparison of the Impact Dynamics of A Compass Gait Biped	A. Oguzhan Ahan, Rahmi Guclu, Hakan Yazici	Turkey	A. Oguzhan Ahan	IEEE
Simple Synthetic ECG Generation via PWM Output of Microcontroller	Berranur Tepeyurt, Beyza Nur Usta, Ertugrul Karakulak	Turkey	Berranur Tepeyurt	IEEE
Hybrid Fuzzy Control of Semi-Active Suspension System Using Magnetorheological Damper	Serdar Coskun, Omer Ozgur	Turkey	Serdar Coskun	IEEE
Development of Quadrotor Control under Wind Disturbance	Nurulain Humaira Hasnol Hady , Elya Mohd Nor, Azrena Abu Bakar, Siti Noormiza Makhtar	Malaysia	Elya Mohd Nor	IEEE
Monoküler Derinlik Çıkarımı Sağlayan Bir Derin Öğrenme Modelinin Web Servisi Aracılığıyla Mobil Cihazlar Üzerinde Test Edilmesi	Alper Tunga Akın, Çetin Cömert	Turkey	Alper Tunga Akın	IEEE
Single Channel EOG Measurement System and Interface Design	Ertuğrul Furkan Savaştaer, Cengiz Tepe	Turkey	Ertuğrul Furkan Savaştaer	IEEE
Investigation of Thermal Modeling For Underground Cable Ampacity Under Different Conditions of Distances and Depths.	Abdullah Ahmed Al-dulaimi, Muhammet Tahir Güneşer, Alaa Ali Hameed	Turkey	Abdullah Ahmed Al-dulair	IEEE

ISMSIT 2021 ACCEPTED PAPERS

Title	Author(s)	Author(s) Country	Speaker	Publishing
Research Problems and Methods in Big Data Analytics for Knowledge Discovery from Customer Feedback	Tsvetanka Georgieva-Trifonova, Miroslav Galabov, Martin Djonov	Bulgaria	Tsvetanka Georgieva-Trifc	IEEE
Solving IoT Security and Scalability Challenges with Blockchain	Martin Djonov, Miroslav Galabov, Tsvetanka Georgieva-Trifonova	Bulgaria	Martin Djonov	IEEE
IoT and big data in animal farming	Nikolay Valov, Tsvetelina Mladenova, Irena Valova	Bulgaria	Tsvetelina Mladenova	IEEE
Control of automatic fire extinguishing operation for 5 forest areas with SCADA	Aybike Üstündağ, Çetin Gençer	Turkey	Aybike Üstündağ	IEEE
Scenario-based modeling of the effects of electric vehicle charging station on the grid	Alper Kerem, Nurettin Dogan, A. Serdar Yilmaz	Turkey	Nurettin Dogan	IEEE
Robot Localization in RGB-D Images Using PCA And CNN	Alwaled Taha, Galip Cansever	Turkey	Alwaled Taha	IEEE
The priorities and comfort of the smart home	Munteanu Angela	Moldova	Munteanu Angela	IJMSIT
ROS Validation for Fuzzy Logic Control Implemented under Differential Drive Mobile Robot	Jun Xuan Wong, Vimal Rau Aparow	Malaysia	Jun Xuan Wong	IEEE
Evaluation of an electrical infrastructure of an existing building and economic and environmental benefits of its modernization	Veselin Chobanov, Mihaela Asenova	Bulgaria	Mihaela Asenova	IEEE
UTtoKB: a Model for Semantic Relation Extraction from Unstructured Text	Mustafa Salim, Ban Mustafa	Iraq	Mustafa Salim	IEEE
Automobile Price Prediction in Turkey Marketplace with Linear Regression	Mert Can Satioglu, Yilmaz Ar, Bulent Tugrul	Turkey	Bulent Tugrul	IEEE
Sağlık Alanında Karma Gerçeklik	Dilara Doğan, Tolga Erol, Arif Furkan Mendi	Turkey	Dilara Doğan	EJOSAT
Dijital Denekler	Arif Furkan Mendi, Dilara Doğan, Tolga Erol	Turkey	Dilara Doğan	EJOSAT
Identify Type of Malware with Machine Learning based Ensemble Model	Recep Sinan Arslan	Turkey	Recep Sinan Arslan	IEEE
Adaptive Thresholding with Iterative Fuzzy Logic Based Image Enhancements for Wiper Arm Defect Detection	Lee Choo Tay, Chi Wei Foo, Weng Kin Lai	Malaysia	Lee Choo Tay	IEEE
Medical Image Enhancement using Guided Filtering and Chaotic Inertia Weight Black Hole Algorithm	Elham Pashaei	Turkey	Elham Pashaei	IEEE
The Effects of Normalization and Standardization an Internet of Things Attack Detection	Gozde Karatas	Turkey	Gozde Karatas	EJOSAT
Detecting Internet of Things Attacks by Using Hybrid Learning and Feature Selection Method	Gozde Karatas	Turkey	Gozde Karatas	EJOSAT
IoT based Indoor Air Quality Monitoring System to Improve the Health of Students in Gymnasium "Gjon Buzuku" Prizren	Lamir Shkurti, Azir Aliu, Faton Kabashi	North Macedonia	Lamir Shkurti	IEEE
Albanian News Category Predictor System using a Multinomial Naïve Bayes and Logistic Regression Algorithms	Lamir Shkurti, Faton Kabashi	North Macedonia	Lamir Shkurti	IEEE
Systems Analysis and Design of Gear Drives through Innovative Software Approach	Svetlin Stoyanov, Antoaneta Dobreva	Bulgaria	Antoaneta Dobreva	IEEE
Financial Risk Estimation with KNN Classification Algorithm on Determined Financial Ratios	Oğuzcan Uludağ, Arif Gürsoy	Turkey	Oğuzcan Uludağ	EJOSAT

ISMSIT 2021 ACCEPTED PAPERS

Title	Author(s)	Author(s) Country	Speaker	Publishing
The Prediction of Student Grades Using Collaborative Filtering in a Course Recommender System	Merve Ceyhan, Savaş Okyay, Yusuf Kartal, Nihat Adar	Turkey	Yusuf Kartal	IEEE
Conceptual Design of Python IDE with Embedded Turkish Spoken Chatbot that Analyzes and Corrects the Syntax Errors	Turgay Tugay Bilgin , Erdem Yavuz	Turkey	Turgay Tugay Bilgin	EJOSAT
The Recent Advances In IoT Based Smart Plant Irrigation Systems: A Brief Review	Dlnya Aziz, Razieh Asgarnezhad, Sarmad Mahmood	Iraq	Dlnya Aziz	IEEE
Efficient Energy and QoS Based Routing Algorithm For WBAN	Afolabi Ojelade, Abdullahi Ibrahim, Oguz Ata	Turkey	Afolabi Ojelade	IEEE
Machine Learning in Business: A Short Overview	Tsvetelina Mladenova	Bulgaria	Tsvetelina Mladenova	IEEE
Trafo Merkezleri İçin Nesnelerin İnterneti Tabanlı Kontrol Sistemi Tasarımı Ve Uygulaması	Sercan Aygün, Abdullah Sevin	Turkey	Sercan Aygün	EJOSAT
Maya Ekstraktının Üretimi ve Gıda Endüstrisinde Kullanım Alanları	Handan Aydın Kaya, Cemal Kaya	Turkey	Handan Aydın Kaya	Abstract
Analysis of Scalar Potential Formed in Semiconductor Barrier Discharge Reactor by Boundary Element Method	Ramazan Solmaz, Fevzi Hansu	Turkey	Ramazan Solmaz	IEEE
Evaluation of Economic and Social Effects of Integrating a BMS System in Residential and Commercial Housing	Veselin Chobanov, Kalin Bojkov	Bulgaria	Kalin Bojkov	IEEE
A New Approach For Age Estimation SystemBased on Speech Signals	Armağan Fidan, Rabia Özge Bircan, Saeid Karamzadeh	Turkey	Armağan Fidan	IEEE
Dağıtık Defter Teknolojileri ve Uygulama Alanları Üzerine Bir İnceleme	Emre Şafak, Çağlar Arslan, Mesut Gözütok, Tacettin Köprülü	Turkey	Emre Şafak	EJOSAT
Enhancement Trust Management in IoT to Detect ON-OFF Attacks with Cooja	Ali Hamid Farea, Kerem Küçük	Turkey	Ali Hamid Farea	IJMSIT
Enhanced Sparse Representations of Spike Waveforms Obtained by using the Basis Pursuit Approach	Gorkem Serbes	Turkey	Gorkem Serbes	EJOSAT
Early Stage Diabetes Prediction Using Machine Learning Methods	Özge Nur Ergün, Hamza Osman Ilhan	Turkey	Özge Nur Ergün	EJOSAT
Accelerometer Sensor Network For Reliable Pothole Detection	Teodor Kalushkov, Georgi Shipkovenski, Emiliyan Petkov, Rositsa Radoeva	Bulgaria	Teodor Kalushkov	IEEE
Jensen Shannon Mesafesi Temelli Uyarlanmış Bulanık C Ortalamalar Kümeleme Yöntemi	Naciye Aydin, Gökhan Kayhan	Turkey	Naciye Aydin	EJOSAT
Reaktant Kanal Tasarımının PEM Yakıt Hücresi Çıktılarına Etkisi	Hüseyin Kahraman, İsmail Özgün	Turkey	Hüseyin Kahraman	EJOSAT
Multimodal Soft Tactile Display	Rıza Ilhan, Tural Allahverdiyev	Turkey	Rıza Ilhan	IEEE
Information and Communication Technologies in Speech and Language Therapy towards enhancing phonological performance	Konstantinos Drosos, Louiza Voniati, Maria Christopoulou, Evangelia I. Kosma, Spyridon K. Chronopoulos, Dionysios Tafiadis, Kostas P. Peppas, Eugenia I. Toki, Nafsika Ziavra	Cyprus	Kostas P. Peppas	IEEE
Discrete-Model Based Analysis of Flyback Converter Circuit	Bilal Canol, Ali Bekir Yıldız	Turkey	Bilal Canol	IEEE
Orbital Characterization Study for the Hydrodynamic Micro Tweezers: Simulated Performance with an Active Particle	Senanur Düzenli, Jiyan Sürer, Ahmet Fatih Tabak	Turkey	Senanur Düzenli	IEEE
A Framework Design for Heart Failure Detection: Analyzes on Features and Hybrid Classifiers	Hasan Koyuncu	Turkey	Hasan Koyuncu	IEEE

ISMSIT 2021 ACCEPTED PAPERS

Title	Author(s)	Author(s) Country	Speaker	Publishing
An Approach to Development of Virtual Reality Training Systems	Rositsa Radoeva, Emiliyan Petkov, Teodor Kalushkov, Georgi Shipkovenski	Bulgaria	Teodor Kalushkov	IEEE
Data Mining Techniques for the Classification of Medical Cases: A Survey	Oluwaseun Olawale, Fezile Ozdamli, Kamil Dimililer	North Cyprus	Oluwaseun Olawale	IEEE
Obtaining Cyber Threat Intelligence Data From Twitter With Deep Learning Methods	Uğur Tekin, Ercan Nurcan Yilmaz	Turkey	Uğur Tekin	IEEE
Design of novel flower of life shaped phased array antenna for 5G mm-wave communications	Seda Habergoturen Ates, Nursel Akcam	Turkey	Seda Habergoturen Ates	IEEE
Convolutional Neural Network Methods Used in Computer Vision	Ferit Can, Can Eyüpoğlu	Turkey	Ferit Can	IEEE
Mimicking an Information Reservoir by Superconducting Quantum Circuits	Ufuk Korkmaz, Cem Sanga, Deniz Türkpençe	Turkey	Ufuk Korkmaz	IEEE
Experiments Focused on Exploration in Deep Reinforcement Learning	Martin Kaloev, Georgi Krastev	Bulgaria	Martin Kaloev	IEEE
Effects of Color Space Transformations on Classification Performance of Sperm Morphology	Mecit Yuzkat, Hamza Osman Ilhan, Nizamettin Aydın	Turkey	Mecit Yuzkat	EJOSAT
Multitype Learning via Multimodal Data Embedding	Ekrem Yıldız , Ege Burak Safdil, Furkan Arslan , Huseyin Fuat Alsan, Taner Arsan	Turkey	Ekrem Yıldız	IEEE
Impact of various data packet sizes on the performance of WSN-based clusters: Study	Mohammed Hussein	Romania	Mohammed Hussein	IEEE
Comparison of String and Central Inverter for 10MW PV Plant	Burak Atasoy, Suleyman Sungur Tezcan	Turkey	Burak Atasoy	IEEE
Onboard Battery Type Determination	İsmail Can Dikmen, Teoman Karadağ	Turkey	İsmail Can Dikmen	IEEE
Control of Battery System and Permanent Magnet Synchronous Motor Supplied by Photovoltaic Panel	Ufuk Badak, Ali Bekir Yıldız	Turkey	Ufuk Badak	IEEE
Promising Cryptocurrency Analysis using Deep Learning	Selim Buyrukoğlu	Turkey	Selim Buyrukoğlu	IEEE
Calculating Boundaries in Methods of Determination of Fractal Dimension	Shahzoda Anarova, Elyor Saidkulov	Uzbekistan	Shahzoda Anarova	IEEE
Sentiment Analysis of the Coronavirus Vaccine on Social Media	Ayhan Akkaya, Nagehan İlhan	Turkey	Ayhan Akkaya	IEEE
Hyperspectral Imaging for Honey Quality Detection using Siamese Neural Networks	Guyang Zhang, Waleed Abdulla	New Zealand	Guyang Zhang	IEEE
Classification of Dermoscopy Images with Feed Forward Neural Network, Decision Trees and Random Forest	Esra Öztürk, Semra İçer	Turkey	Esra Öztürk	IJMSIT
Advertisement recommendations for products and community prediction	Rana ElMasry	Egypt	Rana ElMasry	IEEE
The low band in WiMAX with design H-Slot Microstrip Patch	Ahmed Muhi, Salah Ayad, Hussein Ali, Ahmed Shamil, Mustafa Maad, Aymen Jalil	Iraq	Ahmed Muhi	IEEE
Multi-Compartmental Modeling for Extracellular Stimulation of Neocortex	Mahmut Emin Celik	Turkey	Mahmut Emin Çelik	EJOSAT

ISMSIT 2021 ACCEPTED PAPERS

Title	Author(s)	Author(s) Country	Speaker	Publishing
Spiking Activity of L5 Pyramidal Neuron: A Computational Modeling	Mahmut Emin Celik	Turkey	Mahmut Emin Celik	IEEE
Parallel IGBT Inverter for Three Phase Induction Motor	Mustafa Aktaş, Barış Çavuş, Faruk Sozen	Turkey	Faruk SÖZEN	IEEE
A Novel Alternative Algorithm for Solving Linear Integer Programming Problems with Four Variables	Kadriye Simsek Alan	Turkey	Kadriye Simsek Alan	EJOSAT
A Novel Alternative Algorithm for Solving Linear Integer Programming Problems	Kadriye Simsek Alan	Turkey	Kadriye Simsek Alan	EJOSAT
Gesture Based System for User Interface Control	Georgi Krastev, Ivan Ralev	Bulgaria	Ivan Ralev	IEEE
Orbital Characterization Study for the Hydrodynamic Micro Tweezers: Simulated Performance with a Passive Particle	Jiyan Sürer, Senanur Düzenli, Ahmet Fatih Tabak	Turkey	Jiyan Sürer	IEEE
Influence Different Dielectric Materials For Square Patch Antenna on RCS	Huda I. Hamd, Marwa Al-Sultani, Zainab Najeeb Abduahameed Al-Rawi	Iraq	Huda I. Hamd	IEEE
Design and Simulation of H Shape and Duplicate U Shape Slots Microstrip Patch Antenna for WiMAX Applications	Huda I. Hamd, Wurod Qasim Mohamed, Hanan B. Ahmed	Iraq	Huda I. Hamd	IEEE
ARSci:The Framework for building Augmented Reality in Scientific Learning	Nutchapol Kitsathan, Petch Sajjacholapunt, Pisit Praiwattana	Thailand	Nutchapol Kitsathan	IEEE
A Deep Hybrid Learning Approach to Detect Bangla Fake News	Quazi Adibur Rahman Adib, Md. Humaion Kabir Mehedi, Md. Sadman Sakib, Kabbya Kantam Patwary, Md Sabbir Hossain, Annajiat Alim Rasel	Bangladesh	Quazi Adibur Rahman Adib	IEEE
Big Data Analysis on Twitter for 2017 Turkey Referendum: TRefendum	Serkan Savaş	Turkey	Serkan Savaş	IEEE
Numerical Investigation of ECBM Recovery and CO2 Sequestration	Samuel Adamu Abubakar, Serhat Canbolat	North Cyprus	Samuel Adamu Abubakar	IEEE
Exploring the Speech Language Therapy through Information Communication Technologies, Machine Learning and Neural Networks	Spyridon K. Chronopoulos, Evangelia I. Kosma, Kostas P. Peppas, Dionysios Tafiadis, Konstantinos Drosos, Nafsika Ziavra, Eugenia I. Toki	Greece	Kostas P. Peppas	IEEE
Cross cultural usability testing of MOOC platform	Dženan Selmanović, Pınar Onay Durdu, Ahmet Sayar	Serbia	Dženan Selmanović	IEEE
Examining Public Opinion Regarding Online Learning during Covid19 Outbreak: Sentiment Analysis	Cansu Çiğdem Ekin	Turkey	Cansu Çiğdem Ekin	EJOSAT
The Accessibility of Health Related Websites of Cyprus Island	Erkut Inan Iseri, Kaan Uyar, Ümit İlhan	Turkey	Ümit İlhan	IEEE
Segmentation of 3-Dimensional Point Clouds with Region-Growing and Clustering Based Methods	Hüseyin Bozkurt, Rifat Kurban	Turkey	Rifat Kurban	EJOSAT
A Comparative Analysis On Term Weighting In Exam Question Classification	Anbuselvan Sangodiah, Tien Fui Yong, Ean Heng Lim, Norazira A Jalil , Ramesh Kumar Ayyasamy , Hui Meian Kok	Malaysia	Anbuselvan Sangodiah	IEEE
Representation Learning based on Clothing MetaData for Outfit Recommendation System	Ahmet Dündar, Arzu Kakışım	Turkey	Ahmet Dündar	EJOSAT
Music Royalty Payment Scheme Using Blockchain Technology	Almigdad Aldoma, Adib Habbal	Turkey	Almigdad Aldoma	IEEE
Novel Metaheuristic Optimization Algorithms for Sidelobe Suppression of Linear Antenna Array	Ali Durmuş	Turkey	Ali Durmuş	IEEE

ISMSIT 2021 ACCEPTED PAPERS

Title	Author(s)	Author(s) Country	Speaker	Publishing
A Stochastic Network-Interdiction Model For Cyber Security	Mehmet Ertem, Vicki Bier	Turkey	Mehmet Ertem	IEEE
Approach for control of a Three-phase power converter with xPC Target Software	Kamen Hristov	Bulgaria	Kamen Hristov	IEEE
Cognex 2D Camera Calibration as 6-axis Robot Tool Automation	Boris Kostov, Vladimir Hristov	Bulgaria	Boris Kostov	IEEE
Implementation of 3D measuring sensor for callibrating robot coordinate systems	Boris Kostov, Vladimir Hristov	Bulgaria	Boris Kostov	IEEE
Inhibitory Activity Towards Angiotensin Converting Enzyme I of Alchemilla vulgaris	Ali Zeytunluoglu, Idris Arslan	Turkey	Idris Arslan	IEEE
Covid-19 Ultrasound image classification using SVM based on kernels deduced from Convolutional neural network	Saif Aljumaili, Adil Deniz Duru, Osman Nuri Uçan	Turkey	Saif Aljumaili	IEEE
Failure investigation of a prematurely fractured stainless steel bone fixation implant	Filiz Al-Shanableh, Muhammed Al Shanableh, Ali Evcil, Mahmut Ahsen Savas	North Cyprus	Filiz Al-Shanableh	IEEE
Çene Cerrahisi Doku Yara Tedavisinde Kullanılacak Bir Mikroşerit Anten Tasarımı	Zafer Emre Albayrak, Çetin Kurnaz	Turkey	Zafer Emre Albayrak	EJOSAT
Covid-19 X-ray image classification using SVM based on Local Binary Pattern	Saif Aljumaili, Athar Al-azzawi, Adil Deniz Duru, Abdullahi Abdu Ibrahim	Turkey	Saif Aljumaili	IEEE
Microfabrication of Metal Oxide Based Gas Sensors	Alp Kılıç, Onur Alev, Serkan Büyükköse	Turkey	Alp Kılıç	IEEE
Optimization of the Transfer Speeds of Passengers Transferring Last Train with Particle Swarm Algorithm	Taha Yüksel, Zübeyde Öztürk	Turkey	Taha Yüksel	IEEE
Understanding Geographical Patterns of Scientific Collaboration in Artificial Intelligence among Canadian Researchers	Mohammadmahdi Toobaee, Andrea Schiffauerova, Ashkan Ebadi	Canada	Mohammadmahdi Toobae	IEEE
Makine Öğrenmesi Algoritmaları Kullanılarak Prostat Kanseri Tümör Oluşumunun İncelenmesi	Nesrin Aydın Atasoy, Ahmet Demiröz	Turkey	Nesrin Aydın Atasoy	EJOSAT
Effect of Benchmark Datasets on Protein Structure Prediction As a Concept	Nuh Azginoglu	Turkey	Nuh Azginoglu	EJOSAT
Kötücül URL Filtreleme için Derin Öğrenme Modeli Tasarımı	Recep Sinan Arslan	Turkey	Recep Sinan Arslan	EJOSAT
A Hybrid Method Based on Feature Fusion for Breast Cancer Classification using Histopathological Images	Emre Dandıl, Ali Osman Selvi, Kerim Kürşat Çevik, Mehmet Süleyman Yıldırım, Süleyman Uzun	Turkey	Ali Osman Selvi	EJOSAT
Automated Multiple Sclerosis Lesion Segmentation on MR Images via Mask R-CNN	Mehmet Süleyman Yıldırım, Emre Dandıl	Turkey	Mehmet Süleyman Yıldırır	IEEE
Yenilenebilir Enerjide Teknoloji Kapsam Analizi	Yunus Emre Özdemir, Metin Yavuz	Turkey	Yunus Emre Özdemir	EJOSAT
Enriching the Open Provenance Model for a Privacy-Aware Provenance Management	Dilek Yılmazer Demirel, Özgü Can	Turkey	Dilek Yılmazer Demirel	EJOSAT
Effect of multimodal imaging on Covid-19 and lung cancer classification via deep learning	Falana William, Ali Serener, Sertan Serte	Cyprus	Falana William	IEEE
Social Data Analytics for Enhancing the Collaborative Economy	Mirsat Sefidanoski, Atanas Hristov, Aleksandar Karadimce, Natasha Paunkoska (Dimoska), Ninoslav Marina	Macedonia	Ninoslav Marina	IEEE

ISMSIT 2021 ACCEPTED PAPERS

Title	Author(s)	Author(s) Country	Speaker	Publishing
Deep learning classification of Covid-19, pneumonia, and lung cancer on chest radiographs	Falana William, Ali Serener, Sertan Serte	Cyprus	Falana William	IEEE
Deep Learning-based Classification of Fundus Images for the Diagnosis of Diabetic Retinopathy	Yusuf Bahri Özçelik, Aytaç Altan	Turkey	Yusuf Bahri Özçelik	EJOSAT
Deep Learning Based Covid-19 Detection With A Novel CT Images Dataset: EFSCH-19	Oğuzhan Katar, Erkan Duman	Turkey	Oğuzhan Katar	EJOSAT
Jetson Nano Üzerinde Çift Kameralı Uzaklık Hesaplama Uygulanması	Salih Palamut, Abdullah Elewi, Erdinç Avaroğlu	Turkey	Salih Palamut	IEEE
Data Driven Software Testing with Selenium Apache POI Tool	Ecem İren, Gizem İren, Aylin Kantarcı	Turkey	Ecem İren	IJMSIT
Power Converter Topologies for PMSG Based Wind Energy Systems: Packed U Cell Multilevel Inverter Simulation	Habip Yusuf Hasırcı, Ahmet Mete Vural	Turkey	Habip Yusuf Hasırcı	IEEE
Develop Model for an Antenna with Dual Band Microstrip Patches	Ahmed Shamil Mustafa, Salah Ayad Jasim, Mustafa Maad Hamdi, Ahmed Shantaf	Iraq	Ahmed Shamil	IEEE
Derin Öğrenme Yöntemi ile İç Anadolu Bölgesi ve Çevresi Hava Kirliliği Tahmini	Sümeyye Aydın, Murat Taşyürek, Celal Öztürk	Turkey	Sümeyye Aydın	EJOSAT
Exploring Exception Handling Mechanism In Android Application Development	Lama SubLaban, Samer Zain	Palestine	Lama SubLaban	IEEE
The Prediction of Short-Term Bitcoin Dollar Rate (BTC/USDT) using Deep and Hybrid Deep Learning Techniques	Hasan Kilimci, Mehmet Yildirim, Zeynep Hilal Kilimci	Turkey	Hasan Kilimci	IEEE
Towards Localized Tactile Feedback on Touch Surfaces: Finite Element Analysis of a Vibrating Touch Screen Actuated by Piezo Patches	Nur Lara Alpdoğan, Mehmet Ayyildiz	Turkey	Nur Lara Alpdoğan	EJOSAT
Zaman Serisi Tahmin Probleminin İmmün Plazma Programlama Kullanılarak Çözülmesi	Sibel Arslan	Turkey	Sibel Arslan	EJOSAT
Data Transformation from SQL to NoSQL MongoDB Based on R Programming Language	Forat Falih Hasan, Muhamad Shahbani Abu Bakar	Malaysia	Forat Falih Hasan	IEEE
Integration of Sensor Fusion for Enhansing GPS Navigation	Habib Ghanbarpourasl, Gautham Gopan, Mohammed I Shafi, Mohammed Shalik Ershad, Mithileysh Sathiyanarayanan	Turkey	Habib Ghanbarpourasl	IEEE
Short-Term Individual Household Load Forecasting Framework Using LSTM Deep Learning Approach	Nourhan M. Ibrahim, Ashraf I. Megahed, Nabil H. Abbasy	Egypt	Nourhan M. Ibrahim	IEEE
Object Detection and Recognition of Unmanned Aerial Vehicles Using Raspberry Pi Platform	Zehra Ozkan, Erdem Bayhan, Mustafa Namdar, Arif Basgumus	Turkey	Zehra Ozkan	IEEE
Feedback linearization control of a quadrotor	Ahmet Ermeydan, Aziz Kaba	Turkey	Ahmet Ermeydan	IEEE
Investigating Bluetooth Vulnerabilities to Defend from Attacks	Nishitkumar Patel, Hayden Wimmer, Carl Rebman	USA	Carl Rebman	IEEE
Design and Implementation of Prototype for Portable and Wireless EEG Device	Hasan Bitar, Cengiz Tepe	Turkey	Hasan Bitar	EJOSAT
Wireless Communication Protocols for Project Developers in IoT Applications	Fatih Topaloğlu	Turkey	Fatih Topaloğlu	EJOSAT

ISMSIT 2021 ACCEPTED PAPERS

Title	Author(s)	Author(s) Country	Speaker	Publishing
Windows Reverse TCP Attack: The Threat of Out-of-Date Machinery	Matt Tigner, Hayden Wimmer, Carl Rebman	USA	Carl Rebman	IEEE
Design Improvement of a Spoke-Type PMSG with Ferrite Magnets to Reduce Space Harmonics	Mehmet Semih Özdemir, Cemil Ocak, Adem Dalcalı	Turkey	Mehmet Semih Özdemir	IEEE
Classification of Osmancik and Cammeo Rice Varieties using Deep Neural Networks	Umit Ilhan, Ahmet Ilhan, Kaan Uyar, Erkut Inan Iseri	Turkey	Umit Ilhan	IEEE
Lisanssız Yazılım Kullanımı ve Farkındalık	Büşra Şahin Şimşek, İnan Güler	Turkey	Büşra Şahin Şimşek	IEEE
Nonlinear Modeling and Robust Control of a Quadrotor UAV under Uncertain Parameters and White Gaussian Noise	Mehmet Karahan, Ahmet Nuri Akay, Cosku Kasnakoglu	Turkey	Mehmet Karahan	IEEE
A Preliminary Study on Vowel Recognition via CNN for Disorder People in Malay Language	Nur Syakirah Muhammad Zamri, Nik Mohd Zarifie Hashim, Abd Shukur Ja'afar, Abd Majid Darsono, Mohd Juzaila Abd. Latif, Parathythasan Rajaandra	Malaysia	Nik Mohd Zarifie Hashim	IEEE
Student Performance Evaluation of Distributed Algorithms Assignment in an Undergraduate Algorithms Course	Anurag Dasgupta	USA	Anurag Dasgupta	IEEE
Mobile Phone Price Class Prediction Using Different Classification Algorithms with Feature Selection and Parameter Optimization	Mustafa Çetin, Yunus Koç	Turkey	Mustafa Çetin	IEEE
A Palm Vein Recognition Approach by Multiple Convolutional Neural Network Models	Felix Olanrewaju Babalola, Önsen Toygar, Yıltan Bitirim	North Cyprus	Felix Olanrewaju Babalola	EJOSAT
MR görüntüleri üzerinden Alzheimer hastalığının tespiti için Evrişimli Sinir Ağ tasarımı ve performans kıyaslaması	Furkan Atban, Hamza Osman Ilhan	Turkey	Furkan Atban	IEEE
Fuzzy Logic-based Adaptive Traffic Light Control of an Intersection: A Case Study	M. Fatih Adak, Musa Balta	Turkey	Musa Balta	IEEE
Modeling and Simulation of a Wheelchair System with Motion Control	Efgan Uğur, Tolgay Kara, Abdulhafez Abdulhafez	Turkey	Efgan Uğur	IEEE
MIMO Antenna Array Optimization with Trust Region Framework Technique and SAR Calculation	Ahmet Turgut, Begüm Korunur Engiz	Turkey	Ahmet Turgut	EJOSAT
The Effect of Number of Postures on the Accuracy of COM Estimation via SESC Method	Elie Chebel, Bora Büyüksaraç , Burcu Tunç	Turkey	Elie Chebel	Abstract
Physical and Digital Accessibility in Museums in the New Reality	Galina Bogdanova, Negoslav Sabev, Zhivko Tomov, Mirena Ekmekci	Bulgaria	Negoslav Sabev	IEEE
Bulanık MULTIMOORA ve Bulanık COPRAS'a Dayalı Bulanık Çok Kriterli Grup Karar Verme Yöntemiyle Tersane İç Mekân Konumlandırma Teknolojisi Seçimi	İbrahim Çil, Hilal Kılınç, Ekrem Özgürbüz, Muharrem Ünver, Nalan Özkurt	Turkey	İbrahim Çil	IJMSIT
Performance Improvement of a Five-Phase PMSM Drive Under Open Circuit Stator Faults	Hüseyin Tayyer Canseven, Abdurrahman Ünsal	Turkey	Hüseyin Tayyer Canseven	IEEE
Gemi İnşa Sektörünün Zorlukları Yeni Trendler ve SEDEF Tersanesinde Dijitalleşme Çalışmaları	İbrahim Çil, Fahri Arısoy, Hilal Kılınç, Erkan Uysal	Turkey	İbrahim Çil	EJOSAT
Image-Based Tomato Maturity Classification and Detection Using Faster R-CNN Method	Sigit Widiyanto, Dini Tri Wardani, Singgih Wisnu Pranata	Indonesia	Sigit Widiyanto	IEEE

ISMSIT 2021 ACCEPTED PAPERS

Title	Author(s)	Author(s) Country	Speaker	Publishing
Effect of the Window Width while Processing Electromyography Signals in Gait Analysis	Mustafa Can Kurt, Burcu Tunç, Bora Büyüksaraç	Turkey	Mustafa Can Kurt	Abstract
Implementation of a Single-Phase Half-Bridge Grid-Connected PV Inverter	Eralp Şener, Gürhan Ertaşgın, Işıl Yazar	Turkey	Eralp Şener	IEEE
Effect of high-temperature multi-pass ECAP on mechanical properties of quadruple copper alloys	Cagatay Elibol	Turkey	Cagatay Elibol	Abstract
A Feature-Weighted Rule for the K-Nearest Neighbor	Tsvetelina Mladenova	Bulgaria	Tsvetelina Mladenova	IEEE
A Framework for Localization and Clustering in IoT Enabled Wireless Sensor and Actor Networks	Zuleyha Akusta Dagdeviren	Turkey	Zuleyha Akusta Dagdevire	IEEE
Optimal Tuning of PID Parameters for Magnetic Ball Levitation System Using Multi-objective Evolutionary Algorithms	Görkem Melih Kıranel, Banu Ataşlar-Ayyıldız	Turkey	Görkem Melih Kıranel	IEEE
Using Innovative Technologies, Digital Media and Site Tools For Presentation and Sustainable Preservation of Cultural Heritage	Mirena Todorova-Ekmekci	Bulgaria	Mirena Todorova-Ekmekc	IEEE
Synthetic Skin Cancer Image Data Generation Using Generative Adversarial Neural Network	Burak Beynek, Şebnem Bora, Vedat Evren, Aybars Uğur	Turkey	Burak Beynek	IJMSIT
Roof application of solar cells angularly and aesthetically	Lida Ebrahimi Vafaei	Cryprus	Lida Ebrahimi Vafaei	IEEE
Agent Based Modeling and Simulation of the Olive Fly (Bactrocera Oleae) in Turkey	Simge Baba, Şebnem Bora	Turkey	Simge Baba	EJOSAT
Performance Analysis of Immune Plasma Algorithm with Different Donor-Receiver Configurations	Sadat Duraki, Selçuk Aslan, Sercan Demirci	Turkey	Sadat Duraki	EJOSAT
An Efficient Transfer Learning-based Model for Classification of Brain Tumor	Alaa Alnemer, Jawad Rasheed	Turkey	Alaa Alnemer	IEEE
Method for Measurement of the Metabolic CO_2 Concentration through a Small Climate Chamber	Radostina A. Angelova, Detelin Markov, Rositsa Velichkova, Peter Stankov	Bulgaria	Radostina A. Angelova	IEEE
A Brief Review of Path Loss Models for mmWave Channels	Nermin K. A. Hamdan, Begüm Korunur Engiz	Turkey	Nermin K. A. Hamdan	EJOSAT
FPGA Design of a High- Resolution FIR Band-Pass Filter by Using LabVIEW Environment	Güner Tatar, Salih Bayar, İhsan Çiçek	Turkey	Güner Tatar	EJOSAT
Practical aspects of journal indexing in scientific databases	Todor Todorov	Bulgaria	Todor Todorov	IEEE
Numerical Investigation of the Electrophoretic Transition of a Charged Particle through a Nanochannel	Murat Bakırcı, Mihriban Akça	Turkey	Mihriban Akça	IEEE
Performance Evaluation of Classification Algorithms for Early Detection of Behavior Determinant Based Cervical Cancer	Kezban Alpan	North Cyprus	Kezban Alpan	IEEE
Stokastik İlişkisiz Paralel Makine Çizelgeleme Problemi için bir Matematiksel Model	Mehmet Ertem, Feristah Ozcelik, Tugba Sarac	Turkey	Mehmet Ertem	EJOSAT
Exploiting Agent-based Modeling and Simulation to Observe the Impact of Parental Attitudes on Behaviors of Schoolchildren	Şebnem Bora, Gizem Cengin Ünüvar, Sevcan Emek	Turkey	Şebnem Bora	IJMSIT
An Assesment of Active Disturbance Rejection Control Technique From a Theoritical Perspective	Deha Eker, Necdet Sinan Özbek	Turkey	Deha Eker	EJOSAT
Diagnosing Thyroid Cancer Using Deep Learning	Zeynep İlkılıç Aytaç, İsmail İşeri, Beşir Dandıl	Turkey	Zeynep İlkılıç Aytaç	EJOSAT

ISMSIT 2021 ACCEPTED PAPERS

Title	Author(s)	Author(s) Country	Speaker	Publishing
A Survey of Publish/Subscribe Middleware Systems for Microservice Communication	Seda Kul, Ahmet Sayar	Turkey	Seda Kul	IEEE
Yapay Sinir Ağları, Destek Vektör Makineleri ve AdaBoost Algoritması ile Araç Sınıflandırmasının Değerlendirilmesi	Seda Kul, Ahmet Sayar	Turkey	Seda Kul	EJOSAT
Effect of the Modification on Karthaus-Fischer Voltage Multipliers for Single band GSM Energy Harvesting	Mahmut Aykaç	Turkey	Mahmut Aykaç	IEEE
İmmün Plazma Algoritması ile Bilişsel Radyo Ağlarında Çok Kullanıcılı Kanal Atama Probleminin Çözülmesi	Murat Kısa, Selçuk Aslan, Sercan Demirci	Turkey	Murat Kısa	EJOSAT
A Novel Approach on Unsupervised Dynamic Background Extraction Using Autoencoders	Ali Nuri Şeker, Hüseyin Doğan, Muhammet Üsame Öziç	Turkey	Ali Nuri Şeker	IEEE
Frequency Analysis of Electromagnetic Waves in Tripartite Photonic Crystals with Adjustable Part Lengths	Ayse Nihan Basmaci	Turkey	Ayse Nihan Basmaci	EJOSAT
Artificial Intelligence Research on COVID-19 Pandemic: A Bibliometric Analysis	Abdulkadir Taşdelen, Ayşe Rüveyda Uğur	Turkey	Abdulkadir Taşdelen	IEEE
Sis Hesaplamada Sis Düğümlerinin Rolü ve Mimari Yapısı	Fatih Topaloğlu	Turkey	Fatih Topaloğlu	EJOSAT
Development of a Millimeter Wave Eight-Element Phased Array Antenna for 5G Mobile Communications	Sinan Aksimsek	Turkey	Sinan Aksimsek	EJOSAT
Assessment of the Compatibility of the Preliminary Analysis Results of the CAtenA Smart PCR Bioinformatics Program with the Expert Results in COVID-19 PCR Test Data Analysis	Ayşe Rüveyda Uğur, Abdulkadir Taşdelen	Turkey	Ayşe Rüveyda Uğur	EJOSAT
Manufacturing-Production Systems and Their Importance - Evaluation of Flexible Manufacturing Systems (FMS)	Ayşenur Erdil	Turkey	Ayşenur Erdil	EJOSAT
Parametric study of solar adsorption cooling machine under the climatic conditions of Algeria	Adenane Ghrici, Mohammed Benramdane, Mea Ghernaout	Algeria	Adenane Ghrici	EJOSAT
Real-Time Implementation of an Interval Type-2 Fuzzy Logic Controller for the Trajectory Tracking of an UAV	K. Oguz Canbek, Yesim Oniz	Turkey	K. Oguz Canbek	IEEE
Experimentally examination of thyristor controlled braking resistor (TCBR)	Mehdi Ayık, Ayetül Gelen	Turkey	Mehdi Ayık	IEEE
Machine Learning Assisted Autonomous Vehicle Design and Control	Yunus Emre Kar, Arif Basgumus, Mustafa Namdar	Turkey	Yunus Emre Kar	IEEE
Narenciye Ağaç Yaprak Hastalıklarının Evrişimli Sinir Ağları ile Sınıflandırılması	Ercan Kılıç, İrem Nur Ecemiş, Hamza Osman İlhan	Turkey	Ercan Kılıç	IEEE
Structural Analysis of Industrial Foam Crusher Machine by Using Finite Element Method	Emir Esim, Emre Benzer	Turkey	Emre Benzer	EJOSAT
Assessment of Several PID Controllers Applied To DC Motors	Berke Mirac, Alperen Kılıç	Turkey	Berke Mirac	IEEE
A Framework for a Co-Creation Driven Research & Transfer Portal (CCDTP-Framework)	Matthias Baumgart, Claudia Hösel, Dominik Breck, Matthias Vodel, Christian Roschke, Marc Ritter	Germany	Matthias Baumgart	IEEE
Performance Enhancement of Cache Consistency Mechanism in Mobile Computing Environment	Nadjette Benhamida, Louiza Bouallouche-Medjkoune, Djamil Aïssani	Algeria	Nadjette Benhamida	IEEE

ISMSIT 2021 ACCEPTED PAPERS

Title	Author(s)	Author(s) Country	Speaker	Publishing
Efficient bioconversion of hydroxycinnamic acids to their decarboxylation products in microorganisms	Hülya Akdemir Koç	Turkey	Hülya Akdemir Koç	Abstract
Control of Attitude Dynamics of an Unmanned Aerial Vehicle with Reinforcement Learning Algorithms	Nurten Emer, Necdet Sinan Özbek	Turkey	Nurten Emer	EJOSAT
Artificial Intelligence Chatbot Development in Customer Service Management	İsmail İşeri, Özkan Aydın, Kaan Tutuk	Turkey	İsmail İşeri	EJOSAT
Analysis and Improvement of Production Planning Processes in a Food Factory	Mehmet Savsar, Hasan Çiçek	Turkey	Mehmet Savsar	EJOSAT
Effects of Maintenance Policies on Production Costs and System Reliability in a Canned Food Factory	Mehmet Savsar, Hasan Çiçek	Turkey	Mehmet Savsar	EJOSAT
Naturally occurring ribosome inactivating proteins might be key molecules against Covid-19	Idris Arslan, Ozlem Aydin, Pelin Birdal	Turkey	Idris Arslan	IEEE
Laboratory model of a Pumping Station	Marin Zhilevski, Petar Mutashki, Mikho Mikhov	Bulgaria	Marin Zhilevski	IEEE
Adaptation of Gamification as a Man-Machine Interface to Franchise Management System	Yusuf Altunel, Burak Günaydın, Furkan Kalabalıkoğlu	Turkey	Yusuf Altunel	IEEE
Development and Evaluation of Fire Resistant Railway Signalling Cable	Selim Hartomacıoğlu, Kamil Mutlu	Turkey	Kamil Mutlu	EJOSAT
The Analysis of Low Use Reasons of Renewable Energy Sources in The Iron and Steel Industry with Fuzzy Analytic Hierarchy Process- Turkey Example	Sümeyye Şanlı, Filiz Ersöz	Turkey	Sümeyye Şanlı	IEEE
Research Trends Analysis in Educational Journal Publications on Covid19 Using Descriptive and Text Mining Methods :Preliminary Analysis	Cansu Çiğdem Ekin, Mustafa Çakıcı, Egemen Şener, Sıla Türker, Sinem Altanlar	Turkey	Cansu Çiğdem Ekin	EJOSAT
Deep Learning Methods on Emotion Detection: Input Data Perspective	Nasim Ahmadzadeh Nobari Azar, Parvaneh Esmaili	North Cyprus	Nasim Ahmadzadeh Nobari Azar	IEEE
Electroluminesence Properties and Stability of Super Yellow on ZAZ and ITO Anodes	Hakan Bozkurt, Merve Ekmekcioglu, Mehtap Ozdemir, Gulnur Aygun, Lutfi Ozyuzer, Canan Varlikli	Turkey	Hakan Bozkurt	IEEE
Performance Comparison of Machine Learning Algorithms in Textile Production Forecasting	Yasemin Çınar, Filiz Ersöz	Turkey	Yasemin Çınar	EJOSAT
Evaluating The Sunshine Duration Characteristics In Association With Other Climate Variables	Mine Tulin Zateroglu	Turkey	Mine Tulin Zateroglu	EJOSAT
Statistical Models For Sunshine Duration Related To Precipitation And Relative Humidity	Mine Tulin Zateroglu	Turkey	Mine Tulin Zateroglu	EJOSAT
Fuzzy AHP and Fuzzy TOPSIS Hybrid Method for Positioning Technology Selection for Shipyards	Ibrahim Cil, Fahri Arısoy, Hilal Kilinc, Ekrem Özgürbüz, Ahmet Yunus Cil	Turkey	Ibrahim Cil	IEEE
Human Identification With Finger Vien Image Using Deep Learning	Zinah Khalid Jasim Jasim, Alaa Hamid Mohammed, Lina Elwiya, Baraa Dhafer Al-Jabbari, Haitham Alhaji	Turkey	Alaa Hamid Mohammed	IEEE
Retinal Fundus Images Of Optical Disk Detection	Lina Elwiya, Alaa Hamid Mohammed, Zinah Khalid Jasim Jasim	Turkey	Alaa Hamid Mohammed	IEEE