

ICHORA2024 ACCEPTED PAPERS

Title	Author(s)	Speaker
A Comparative Study of Classification Algorithms for Sentiment Analysis of Covid-19 Vaccine Opinions Using Machine Learning	Dilber S Zainulabdeen, Mesut Cevik	Dilber S Zainulabdeen
A Different Approach To Determining The Quality Level Of Electrical Resistance Spot Welds In The Industrial Serial Production	Hikmet Otmanbölük, Sarp Ertürk	Hikmet Otmanbölük
A Mapping and Monitoring Platform for Mobile Robots	Murat Aydemir, Mina Khoshrangbaf, Vahid Khalilpour Akram, Moharram Challenger	Murat Aydemir
A Novel Rehabilitative Soft Robotics Knee Brace for ACL deficient patients	Hamid Naghibi, Hussain Khambati, Andrea Ryolo, Momen Abayazid	Momen Abayazid
A Systematic Approach to Measure Usability and Security Trade-off	Inci Karamahmutoglu, Mehmet Gokturk	Inci Karamahmutoglu
Abel-Poisson Partial Sums in Signal Theory	Oleg Barabash, Andrii Musienko, Andriy Makarchuk, Ivanna Salanda, Dmytro Obidin, Oleg Ilin	Andriy Makarchuk
Açısal Yönlendirmeler Kullanılarak Derin Öğrenme Tabanlı Parkinson Hastalığı Sınıflandırması	Fuat Uyguroğlu, Önsen Toygar, Hasan Demirel	Fuat Uyguroğlu
Adaptive Signal Processing Techniques for UAV Path Planning in Dynamic Urban Environments	Noor Shahid, Muhammad Abrar, Roha Masroor	Muhammad Abrar
Advanced Optimization Techniques for CNC Machining: A Comparative Study of Genetic Algorithms, Simulated Annealing, and Particle Swarm Optimization	Duaa A. Majeed, Mustafa Yaseen, Ali Jasim Ghaffori, Saadaldeen Rashid Ahmed, Baqer A Hakim, Abadal-Salam T. Hussain	Saadaldeen Rashid Ahmed
An Approach Towards Generalization of Automotive Camera Sensor Data using Deep Learning	Goutham Bharadwaj Ramesh, Mohamad Chamas, Aoli Wang, Sunil Kumar Raghuraman, Eric Sax	Goutham Bharadwaj Ramesh
An Innovative Approach to Virtual Private Networks for Enhancing Digital Security and Accessibility	Busra Ozdenizci Kose, Vedat Coskun, Arslan Coskun, Senol Yaya	Vedat Coskun
Analysis of cross-talk effects in a parallel kinematic machine for rehabilitation therapies	Giuseppe Mangano, Jose Alfonso Farias Fuentes, CAROL SERGENTI, MARCO CARNEVALE, Hermes Giberti	Giuseppe Mangano
And Justice for Art(ists): Metaphorical Design as a Method for Creating Culturally Diverse Human-AI Music Composition Experiences	Antonio Correia, Daniel Schneider, Benjamim Fonseca, Hesam Mohseni, Tuomo Kujala, Tommi Karkkainen	Hesam Mohseni
Application of a New Management and Control Methodology for High Energy Saving in Hydraulic Bending Presses	Paolo Righettini, Roberto Strada, Filippo Cortinovis	Filippo Cortinovis
Artificial Intelligence (AI) in Economics and Business-Related Research with Data Envelopment Analysis (DEA) Application: A Systematic Literature Review	Katerina Fotova Čiković, Ivana Martinčević, Joško Lozić	Katerina Fotova Čiković
Artificial Intelligence and Keystroke Dynamics: The Mysterious World of Personal Signatures	Büşra Tural, Zeynep Örpek, Samet Özmen	Zeynep Örpek

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Automated Optical Inspection for Quality Control in PCBA assembly lines: a case study for Point of Sale Devices Production Lines	Kerem Aras, Saad Saif, Alessandro Giuseppe, Vedat Coskun	Saad Saif
Balancing Game Satisfaction and Resource Efficiency: LLM and Pursuit Learning Automata for NPC Dialogues	Mohammed Mahdi Jahangiri, Parisa Rahmani	Mohammed Mahdi Jahangiri
Banner Ranking Based On Click Prediction In The E-Commerce	Mustafa Keskin, Enis Teper, Mehmet Selman Sezgin, Bilgesu Bük	Enis Teper
Characterizing Transients in Transmission Line Earthing Systems: Analysis and Control Strategies	Saadaldeen Rashid Ahmed, Basim Galeb Mejbel, Shaymaa Dheeb, Baqer A Hakim, Ahmed L. Alshami, Abadal-, Jamal Fadhil Tawfeq, Salam T. Hussain, Duaa A. Majeed	Abadal-Salam T
Color Image Encryption For IoT Using a Dynamical Non-Linear Stream Cipher Cryptosystem	Fadhil Hanoon Abbood, Leila Ben Ayed	Fadhil Hanoon Abbood
Comparative Study of Induction Switched Reluctance Machine and Induction Machine	Mohammadali Abbasian	Mohammadali Abbasian
Comparison of Black Widow Optimization and Aquila Optimizer with Current Metaheuristics	Metin Kalyon, Sibel Arslan	Metin Kalyon
Computational Intelligence in Business Management: Strategies for Innovation and Optimization	Saadaldeen Rashid Ahmed, Ali Jabbar Hussein, Shaymaa Dheeb, Bourair Al-Attar, Duaa A. Majeed, Abadal-Salam T. Hussain, Jamal Fadhil Tawfeq	Abadal-Salam T. Hussain
Continuous Arabic Speech Recognition Model with N-gram Generation Using Deep Speech	Fawaz S.Al-Anzi, S.T.Bibin Shalini	Fawaz S.Al-Anzi
Data Generation with ChatGpt: A Review on Sentiment Analysis Classification	Ahmet Tuğrul Bayrak, Sultan Ceren Öner, Emre Begen, Melike Demirdağ, İsmail Utku Sayan, Alper Kaplan	Sultan Ceren Öner
Deep fake Image Detection Based on Deep Learning Using a Hybrid CNN-LSTM with Machine Learning Architectures as Classifier	Omar Alfarouk Hadi Hasan Al-Dulaimi , Sefer Kurnaz	Omar Alfarouk Hadi Hasan Al-Dulaimi
Deep learning detection approach for speech impairment children in Parkinson's disease	Ihab Ahmed Najm, Omar Gheni Abdulateef, Lucturer Doctor Ahmed Hussein Ali, Saadaldeen Rashid Ahmed, Mohsin. A. Ahmed, Sameer ALGBURI	Saadaldeen Rashid Ahmed
Deep Learning for Customer Relationship Management in E-commerce	Saadaldeen Rashid Ahmed, Ahmed A. Radhi, Ali Jabbar Hussein, Ahmed Dheyaa Radhi, Mohammed Rashid Ahmed, Jamal Fadhil Tawfeq, Abadal-Salam T. Hussain	Mohammed Rashid Ahmed
Deep learning vs. conventional techniques for processing and classifying EEG brain disorders: a survey	Dina Aboelzahab, Nawal Zaher, AbdelHamid Soliman, Claude Chibelushi	Dina Aboelzahab
Defensive Auto-Updatable and Adaptable Bot Recommender System (DAABRS): A New Architecture Approach in Cloud Computing Systems	Sufian Khwaldeh, Mohit Yadav, Khushwant Singh	Sufian Khwaldeh

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Derin Öğrenme Yöntemleri ile Ektopik Erüpsiyon Bölgelerinin Tespiti ve Şiddet sınıflandırması	Esen Turunç, Sibel Arslan, Hamza Osman İlhan, Yasin Yaşa	Esen Turunç
Design and Development of an Exoskeleton System using a 3-UPU Spherical Parallel Manipulator for Rehabilitation in Stroke Patients	Tony Punnoose Valayil, Tanio K. Tanev	Tony Punnoose Valayil
Design of Data Collect System for Cloud Computing of Rivers Quality and Level	Bashar Ahmed, Laith Abdul-Rahaim	Bashar Ahmed
Designing a Three-Phase Current Relay Protection System for Small Transient Periods of Power Fluctuations with Enhanced Control	Basim Galeb Mejbhel, Saadaldeen Rashid Ahmed, Jamal Saleem Abdulraheem Alibadi, Ahmed Dheyaa Radhia, Mohammed Saad Fadhil, Abadal-Salam T. Hussain, Duaa A. Majeed, Jamal Fadhil Tawfeq	Ahmed Dheyaa Radhia
Detecting Arrhythmias Using ECG Signals with Machine Learning Techniques	Hamidreza Laribi, Samantha Barua Chowdhury, Rashid Mirzavand, Kambiz Moez	Hamidreza Laribi
Development and evaluation of models for differential diagnosis of clinical and hematologic syndromes based on ensemble machine learning methods	Indira Uvaliyeva, David Borozenets	David Borozenets
Development of a Calibration-Free Brain-Computer Interface Utilizing Common Spatial Patterns and Artificial Neural Networks for EEG Signal Analysis	Korhan Cengiz, Shreyas J, Udayaprasad P K, Gururaj H L, Dilip Kumar S M	Gururaj H L
Development of a Lightweight Encryption Algorithm Based on Extended Galois Fields	Roman Korolov, Dmytro Yevseiev, Stanislav Milevskiy, Oleksandr Umanskiy, Illia Shyian, Zoia Sydorenk	Stanislav Milevskiy
Development of an Open Experimental Apparatus for the Comparison of Haptic Teleoperation Control Systems	Paolo Righettini, Roberto Strada, Filippo Cortinovis	Filippo Cortinovis
Duration-Based Investigation of User Content Choices in the Exit of Filter Bubbles	Rabiatu Bunza	Rabiatu Bunza
Edge Computing and Robotic Applications in Modern Agriculture	Ahmet Aytuğ Ayrancı, Burcu Erkmen	Ahmet Aytuğ Ayrancı
Empowering the Solar Street Lighting Revolution: Developing a Smart-Relay-Controlled Photovoltaic System for Enhanced Efficiency, Sustainability, and Operational Control	Saadaldeen Rashid Ahmed, Basim Galeb Mejbhel, Talib Hussein Khamil, Ahmed Dheyaa Radhia, Azhar. R AL-Ani, Abadal-Salam T. Hussain, Duaa A. Majeed, Jamal Fadhil Tawfeq	Basim Galeb Mejbhel
Energy Optimization in Metro Line by Using Regenerative Energy	Unsal Gok, Belgin Turkay, Cenk Andic, Esra Aydın	Unsal Gok
Enhanced Transformer Overload Power Protection with Small Transient Period Differential Relay Control	Saadaldeen Rashid Ahmed, Basim Galeb Mejbhel, Adel A. Abbas, Ahmed Dheyaa Radhia, Ola Farooq Jelwy, Abadal-Salam T. Hussain, Duaa A. Majeed, Jamal Fadhil Tawfeq	Saadaldeen Rashid Ahmed

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Enhancement 5G Backhaul in Radio-over Fiber (RoF) System by Eliminate Error Vector Magnitude	Sura Mousa Ali, Ehab Hussein	Sura Mousa Ali
Enhancing Agile Effort Estimation: An NLP Approach for Software Requirements Analysis	Tunahan Catak, Pinar Onay Durdu, Sevinc Ilhan Omurca	Tunahan Catak
Enhancing Automated Android Application Security through Hybrid Static and Dynamic Analysis Techniques	Geethika Manukulasooriya, Sasitha Munasingha, Iresha Uthpali, Hansika Yeshani, Harinda Fernando, Deemantha	Geethika Manukulasooriya
Enhancing Learning Experiences for Visually Impaired Students with AI and Machine Learning on Smart Device	D. I. De Silva, S. Vidhanaarachchi, R. A. K. M. Ranasinghe, M. N. N. J. Jayasooriya, D. M. P. S. Jayawardhana, D. K. S. Savishka	R. A. K. M. Ranasinghe
Enhancing Power Grid Efficiency using Machine Learning Algorithms	Saadaldeen Rashid Ahmed, Leena. Ali, Ali Jabbar Hussein, Bourair Al-Attar, Brwa Abdulrahman Abubaker, Jamal Fadhil Tawfeq, Abadal-Salam T. Hussain	Jamal Fadhil Tawfeq
Enhancing Renewable Energy Integration: A Comprehensive Study and Control Analysis of Smart-Grid Inverter Systems Utilizing Solar Photovoltaics for Sustainable Electricity Generation	Basim Galeb Mejbek, Saadaldeen Rashid Ahmed, Sabah Jebur AlJanabi, Ahmed Dheyaa Radhia, Noor Haydar Shaker, Abadal-Salam T. Hussain, Duaa A. Majeed, Jamal Fadhil Tawfeq	Duaa A. Majeed
Entropy Method for Assessing the Strength of Encryption Algorithms	Serhii Yevseiev, Stanislav Milevskyy, Marharyta Melnyk, Ivan Opirskyy, Marta Stakhiv, Roman Stakhiv	Stanislav Milevskyy
E-TSL: A Continuous Educational Turkish Sign Language Dataset with Baseline Methods	Şükrü Öztürk, Hacer Yalim Keles	Şükrü Öztürk
Evaluating Machine Learning Algorithms for Early Detection of GDM	Osamah Al-Azzawi, Sefer Kurnaz	Osamah Al-Azzawi
Evaluation and Results of Research Ranking Platform for Academic Staff and Universities in The Republic of North Macedonia	Arbnor Rushiti, Artan Luma, Ylber Januzaj, Azir Aliu, Halil Snopçe, Mitko Trpkoski, Anis Sefidanoski	Ylber Januzaj
Experimental study and comparison of medical methodology and machine learning models to enhance algorithms for morphological classification of clinical and hematologic syndromes	Indira Uvaliyeva, David Borozenets	David Borozenets
Experimental Testing of Received Signal Strength in Indoor Positioning System	Matúš Madleňák, Erika Skýpalová	Matúš Madleňák
Expert algorithm to optimize the process of selecting a topic for a research project with the assistance of ChatGPT	Aldeniz Rashidov	Aldeniz Rashidov
Exploring the Effect of Kernel Depth in Compact Keyword Spotting Models	Prakash Dhungana, Sayed Ahmad Salehi	Sayed Ahmad Salehi
Exploring the Potential of Machine Learning Approaches in Fire Detection: A Case Study in Marmara and Kocaeli Region	Ahsen Usta, Orhan Akbulut	Ahsen Usta
Federated Learning for Privacy-Preserving Intrusion Detection in IoT Networks	Sarmad Dheyaa Azeez, Muhammad Ilyas, Imad Matti Bako	Sarmad Dheyaa Azeez

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Forecasting Financial Frontiers: Real-time Insights in Stock Price Prediction through LSTM, Linear Regression, and Sentiment Analysis	Ahmed A. Khalifa, Ramesh G, Deekshith R, Harsha K, Shreyas J	Shreyas J
FPGARLab: Leveraging FPGA Design and Verification Using Intelligent Cyber Physical System Based Collaborative Remote Laboratory	Rashed Al Amin, Veit Wiese, Mohammad Musfiqur Rahman, Sven Jacobs, Steffen Jaschke, Roman Obermaisser	Rashed Al Amin
From Pixels to Paths: SIGHT - A Vision-Based Navigation Aid for the Visually Impaired	Tugrul Acar, Alper Solmaz, Irem Cengiz, Ahmet Selman Bozkir	Tugrul Acar
FUNSC: A GUI Software for Stochastic Computing	Jackson Huse, Sayed Ahmad Salehi	Sayed Ahmad Salehi
Fuzzy Logic Supported Tracking of Elderly People Moving Away From Living Space	Oğuz Gora, Hakan Dalkılıç	Oğuz Gora
Fuzzy Logic-Based Safe Speed Calculation Method for Maritime Autonomous Surface Ship	Burak Alptekin, Nihan Kahraman	Burak ALPTEKİN
Game Theory Based Decentralized Multi-Task Allocation Algorithm for Multi-Agent Systems	Nezih Bora Yavaş, Hasan Berke Öztürk, Ünalcan Öztürk, Zafer Bingül	Nezih Bora Yavaş
Game-Theory-Based Analysis of Key Factors Influencing Saudi Consumer Trust in E-commerce	Bandar Alkhalil, Yu Zhuang, Khalid Mursi, Ahmad Aseeri	Bandar Alkhalil
GAN-Augmented Breast Cancer Classification with Histogram-Based Gradient Boosting	Safak Kayikci, Taghi Khoshgoftaar	Safak Kayikci
GorbhoKotha:A mHealth App for Maternal Support in Bangladesh Utilizing User-Centered Design Principles	Sarah Binte Mahbub, Nafis Islam, Mehedi Hasan Surem, Ayatullah Arefin, Md Rashid Shabab, Ashraful Islam	Sarah Binte Mahbub
Gray Wolf Algorithm Optimization of Automatic Generation Control for Deregulated Multi-Area Power System	Mohammed Qasim Taha, Issa Cheikh Elhassene, Bamba El Heiba	Mohammed Qasim Taha
Green Supplier Selection Problem for Fast Food Industry	Sultan Ceren Öner, Ahmet Tuğrul Bayrak	Sultan Ceren Öner
Green Wave Control Strategy for Optimal Energy Consumption by Model Predictive Control in Electric Vehicles	Furkan Özkan, Mehmet Selçuk Arslan, Hatice Mercan	Furkan Özkan
Harmonic Operators in Mathematical Models of Sources of Detection of Unauthorized Access to Information	Oleksandr Laptiev, Valentyn Sobchuk, Anton Ryzhov, Andrii Sobchuk, Serhii Kopytko , German Shuklin	Oleksandr Laptiev
Healthy Eats - Online Food Delivery That Urge To Eat Healthy and Live More	Vedika Reddy Janupally, Bindu Madhuri Reddy Janupally, Manzoor Hussain Mohammad	Vedika Reddy Janupally
Hosoya-polynomial of sum graph of the group $Z_{2\pi}$	Nawar S. Salman, Mahera R. Qasem	Nawar S. Salman
Integrating Mental Workload Management in advanced Human-Machine Interaction: the development process of the Proof-Of-Concept to refine the concept.	Maria Elena Nenni	Maria Elena Nenni
International Search And Rescue Teams In Kahramanmaraş Earthquake	Kian Farajkhah, Elvin Çoban	Kian Farajkhah

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Investigating the Effect of PCA Dimension Reduction Technique in Classifying EMG Data	Mehmet Emin KONUK, Durmuş Özkan ŞAHİN, Erdal KILIÇ	Mehmet Emin KONUK
IoT Monitoring System -based enabling Intelligent power Transformer using Raspberry Pi Technology	Zahraa Talib, Zainab Faris, Laith Abdul-Rahaim	Zainab Faris
IOT-Enabled Intelligent Drones For Leak Detection With Using Simple Text Oriented Messaging Protocol (STOMP)	Farah Amer Abdulazeez, Saadaldeen Rashid Ahmed, Basim Galeb Mejbel, Marwa Ibrahim, Bourair Al-Attar, Zainab A. Ibrahim, Abadal-Salam T. Hussain	Bourair Al-Attar
Key Fob Replay Attacks on Personal Vehicles: Vulnerabilities and Mitigation Strategies	Zlatan Moric, Ana Kapulica, Vedran Dakic, Robert Petrunic	Zlatan Moric
Kinect Station: Using Microsoft Kinect v2 as a Total Station Theodolite for Distance and Angle Determination in a 3D Cartesian Environment	Amin Amini	Amin Amini
Lazer Kesim Makinaları için Makina Durumu İzleme Cihazı	Gökân Yılmaz, Murat Reis	Gökân Yılmaz
Load Simulator Design for the Experimental Validation of a High Energy Saving Methodology in the Automation System of Hydraulic Presses	Paolo Righettini, Roberto Strada, Filippo Cortinovis	Filippo Cortinovis
Lossless Medical Image Compression using 1D/2D Linear Polynomial Coding Techniques	Ghadah K. AL-Khafaji, Uhood S. Al-Hassani, Rafea I. Yahya	Ghadah K. AL-Khafaji
Machine Learning Applications in Supply Chain Management: Predictive Power Unleashed	Saadaldeen Rashid Ahmed, Ali Jabbar Hussein, Hala Adnan. Fadel, Bourair Al-Attar, Ghassan Hamada Ali Alshmeel, Abadal-Salam T. Hussain	Ghassan Hamada Ali Alshmeel
Method for Reducing the Frequency Spectrum Overlaying Error in Digital Narrow-Band Filtration	Serhii Herasymov, Viacheslav Soroka, Stanislav Milevskyi, Olha Korol, Iryna Aksonova, Vadym Stetsenko	Stanislav Milevskyi
Model for diagnosing cardiovascular diseases using AI	Muhamed Karajić, Denis Mušić, Lejla Heco, Emir Osmanović	Denis Mušić
Navigating Mobile Robots in 2D Environments using Model Predictive Control	Mohammed Rabeea Hashim Al-Dahhan , Mahmood Abdulrazzaq Alsaadi, Ruqayah R. Al-Dahhan , Salah A. Aliesawi	Mohammed Rabeea Hashim Al-Dahhan
Object Detection in Infrared Images with Different Spectra	Yusuf Furkan Yücesoy, Çağrı Şahin	Yusuf Furkan Yücesoy
On the Study Sum Graph of the Group $Z_{(\beta\gamma)}$ with Some Topological Indices	Nawar S. Salman, Mahera R. Qasem	Nawar S. Salman
Online Food Delivery by Personal Customization System	Vedika Reddy Janupally, Chaitanya Gugulothu, Manogna Jeelugula , Nihitha Donthula, Manzoor Hussain Mohammad	Vedika Reddy Janupally
Optimal Trajectory Tracking Control for a Quadrotor UAV Based on Off-Policy Reinforcement Learning	Mehmet Karahan	Mehmet Karahan
Optimization Under Uncertainty Using Physics-Based Label-Free Machine Learning	Xiaoping Du	Xiaoping Du

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Optimizing QoS in Internet of Multimedia Things using Cross-Layer Design and Artificial Bee Colony	Ahmed A. Khalifa, Shreyas J, Gururaj H L, Udayaprasad P K, Srinidhi N N	Shreyas J
Parallel Kinematics Manipulators for Pick and Place of Moving Objects Using 3D Perception: Development of a Test Bench	Paolo Righettini, Roberto Strada, Jasmine Santinelli, Filippo Cortinovis, Federico Tabaldi	Jasmine Santinelli
Pregnancy Risk level prediction through Cardiograph Data Analysis : A Deep Learning Approach	Hanan Abdul Wahid Khamis	Hanan Abdul Wahid Khamis
Real-Time Driver Identification System in the Internet of Vehicles: Seamless Integration of Deep Learning and Cloud Computing	Saja Jabbar, Laith Abdul-Rahaim, Moneer Lilo	Saja Jabbar
Real-Time Evaluation of Human Inertial properties in Immersive Simulators for Moth type Boats	Davide Todesca, Carol Sergenti, Nicola Giulietti, Marco Carnevale	Davide Todesca
Research of Technologies and Methods of Web Application Protection in the Infrastructure of a Higher Education Institution with the Assistance of Specialized Systems	Serhii Dunayev, Tetiana Milevska, Natalia Voropay, Pierre Murr, Vladyslav Khvostenko, Yelyzaveta Sevriukova	Serhii Dunayev
Research on Surface Electropotential Signal and Vibration Measurements of Plants for Long-Term Remote Monitoring	Yusuf Tarık Akyüz, İsmail Kaya, Mustafa Ulutaş, Yeşim Er, Zübeyir Durğut	Yusuf Tarık Akyüz
Revealing the Effects of Normalization in Breast Cancer Mitotic Cells Detection	Muharremcan Gülye, Feriştah Dalkılıç, Zerrin Işık	Muharremcan Gülye
Robotic Monitoring Enhancement with Deep Learning and Conformal Prediction for Indoor Anomaly Detection in Emergency Situations	Arya Saboury, Mustafa Kemal Uyguroglu	Arya Saboury
Scale Development for Measuring Digitally Enhanced Place-Belongingness: A Research Design	Hesam Mohseni, Antonio Correia, Johanna Silvennoinen, Tuomo Kujala	Hesam Mohseni
Security Mechanisms in Hybrid Environments: The Case of Token Online Application	Busra Ozdenizci Kose, Vedat COSKUN, Mustafa Ozan Capa, Hakan Uluoz	Vedat Coskun
Single Object Tracking in Satellite Videos Through Deep Learning and Motion Detection Techniques	Israa Hayder, Fattah Alizadeh	Israa Hayder
SkelCap: Automated Generation of Descriptive Text from Skeleton Keypoint Sequences	Ali Emre Keskin, Hacer Yalim Keles	Ali Emre Keskin
Source Code Summarization & Comment Generation with NLP : A New Index Proposal	M. Fatih Adak, M. A. Eren Kılıç	M. Fatih Adak
State-of-the-Art Review of Life Insurtech: Machine learning for underwriting decisions and a Shift Toward Data-Driven, Society-oriented Environment	Arina Kharlamova, Giancarlo Succi, Artem Kruglov	Arina Kharlamova
SU2-Net: Uzaktan Algılama Görüntülerinde Değişiklik Tespiti için Siyam Tabanlı U2-Net	Beyza Nur Nakkaş, Çağrı Şahin	Beyza Nur Nakkaş

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Swarm Intelligence Approach for Controller Design Optimization Applied to Chaotic Synchronization of Continuous Dynamical Systems	Akemi Galvez, Andres Iglesias	Andres Iglesias
Test of a Numerical Model for a Haptic Pedal Brake System under Different Operating Conditions	Ljuba Isacco, Francesco La Mura, Hermes Giberti	Ljuba Isacco
The Combined Method for Detecting Anomalies in the Enterprise Telecommunication Networks	Babyr Rzayev, Indira Uvaliyeva, Zhanar Beldeubayeva	Babyr Rzayev
Transfer Function Matrix Derivation for Improved Control and Stability in HVAC Systems Performance	Basim Touqan, Alaa Abdul-Ameer	Basim Touqan
Trapezoidal fuzzy control for locomotion of bipedal robot on uneven environments	Rami AL-Jarrah, Hitham Tlilan	Rami AL-Jarrah
Unlocking Strategic Insights: A Machine Learning Approach to Business Management Optimization	Ali Jabbar Hussein, Saadaldeen Rashid Ahmed, Mohammad K. Abdul- Hussein, Bourair Al-Attar, Duaa A. Majeed, Abadal-Salam T. Hussain, Jamal Fadhil Tawfeq	Ali Jabbar Hussein
User-Centered Design and Validation of mHealth App for Providing Vital Assistance and Emergency Healthcare Support in Bangladesh	Abu Musa Sakib, Sanzar Adnan Alam, Ashraful Islam	Sanzar Adnan Alam
Utilizing fMRI and Deep Learning for the Detection of Major Depressive Disorder: A MobileNet V2 Approach	Atousa Hatami, Arian Ranjbar Varandi, Shahla Azizi	Atousa Hatami
Web Application to predict Skin Disease: An Approach Using Deep Learning Algorithm	Thayalan Eelanila, Arumugavel Ayingaran, Ganeshan Sharujan, Makenthiran Dalaxshan, Harinda Fernando, Kaushalya Rajapakse	Thayalan Eelanila