Paper ID	Title	Keywords
644	Simulating Brain Chaos Through Electrical Circuit Emulation: An Approach	Neural Networks; Nonlinear Optimization; Modeling and Simulation
645	Exploring Chaotic Fractional Dynamics for Brain Diseases Classification: FPGA-Based Implementation and Analysis Utilizing Bessel Functions	Nonlinear Systems; Neural Networks
646	A Hybrid Population-Based Method for Scheduling Multiprocessor Tasks on Two Dedicated Processors	Combinatorial Optimization; Scheduling
647	Missile Guidance on Stationary Target with Doppler Information Only	Control Theory; Control Applications
648	Enhancing public transport systems through scalable real-time forecasting solutions for the case study of Rennes	Forecasting; Artificial Intelligence; Neural Networks
649	Supply Chain Risk Assessment integrating Vulnerability index	Supply Chain Management; Intelligent Systems; Multi-Objective Optimization
650	Creation structure of dynamic diagnostic approach for a fuzzy petri network	Hybrid Systems; Diagnosis; Fault Detection
652	Design of UAV with Fast and Soft-Landing Capability	Modeling and Simulation; Control Applications; Nonlinear Systems
656	Lumped-Parameter Modeling: Enabling Real-Time Battery Management	Modeling and Simulation; System Identification; Nonlinear Optimization
657	On Linear-Quadratic Optimal Control Problems for Descriptor Systems with a State Delay	Optimal Control; Linear Systems
658	Intelligent Route Selection for Optimizing Transportation Networks	Intelligent Systems; Multi-Objective Optimization; Computational Intelligence
659	Machine Learning for Crowd-Sourcing a Social Media Data Source to Improve Response and Recovery After the Earthquake Disaster	Artificial Intelligence; Data Mining; Learning Systems
660	Towards building a next-generation data analytics toolbox: Application of the axiomatic theory fusion methodology	Intelligent Systems; Data Mining; Information Systems
663	Concept and Six-Dimension Model of Digital Triplet	Modeling and Simulation; Monitoring and Supervision; Control Applications
664	Multi-Classification Decision Fusion Based on Stacked Sparse Shrink AutoEncoder and GS-Tabnet for Network Intrusion Detection	Control Applications; Computational Intelligence; Information Systems
665	Driver Style Recognition Based on Vehicle Dynamic Data	Intelligent Systems; Artificial Intelligence; Learning Systems
666	Composite Deep Learning Model with Augmented Features for Accurate Animal Sound Detection and Classification	Artificial Intelligence; Neural Networks; Learning Systems
667	Hybrid implicit multilinear simulation using difference algebraic equations reordering by	Hybrid Systems; Nonlinear Systems; Modeling and Simulation

	sparsity patterns	
668	Bearing-only formation stabilization for three agents using elevation angles and area constraints	Control Applications; Robotics; Control Theory
670	Evaluating Success Factors of ABET Accreditation Using DEMATEL Method	Multi-Objective Optimization; Applied Optimization
671	Combining Dense and Sparse Rewards to Improve Deep Reinforcement Learning Policies in Reach-Avoid Games with Faster Evaders in Two vs. One Scenarios	Game Theory; Artificial Intelligence; Neural Networks
672	Global Observability and Identifiability of Nonlinear Systems with Inputs Using Interval Arithmetics	Control Theory; Nonlinear Systems; Control Applications
673	Real-time Identification of a servo system via a Robust Least Squares Algorithm	Control Applications; Control Design Methods; System Identification
674	Physical-Inspired State Space Structure for Nonlinear Gray-Box Modeling	System Identification; Neural Networks; Modeling and Simulation
675	An Optimised Waste Management and Recycle System for Smart Cities	Computer Assisted Optimization; Data Mining; Supply Chain Management
676	In this paper, we address the flying control of attitude formation with the application of interferometry. Using 4-DOF Lagrangian dynamics to describe attitude dynamics in terms of the unit quaternion, the proposed flying formation control can achieve the almost global exponential convergence.	Control Design Methods; Nonlinear Systems; Robotics
677	Validation of Adaptive Cruise Control based on Model Predictive Control for Autonomous Vehicles in Real-Time System	Predictive Control; Control Applications; Optimal Control
678	A visual tracking system for UAV landing on ships	Image Processing; Sensors; Sensors and Instrumentation
680	A Comparison of RRT, APF, and PSO-Based RRT-APF (PS-RRT-APF) for Collision-Free Trajectory Planning in Robotic Welding	Robotics; Manufacturing System Control; Computer Assisted Optimization
681	Battery management optimization for an energy-aware UAV mapping mission path planning	Applied Optimization; Combinatorial Optimization; Modeling and Simulation
682	Model Reduction-Based Controller Design for Hand Tremor Suppression: A Computer-Aided Approach	Control Design Methods; Control Applications; Modeling and Simulation
683	Application of DDS middleware in joint simulation	Modeling and Simulation
684	XMI-based conversion of SysML-STM models to C++ code	Modeling and Simulation
685	A Blockchain-based Approach for Secure IoT Measurement Systems	Mobile and Wireless Communications; Embedded Systems; Instrumentation and Actuators

686	A Facilitated Construction Robot Programming Approach using Building Information Modelling	Robotics; Software Engineering
687	Hybrid Intelligence for UAV Autonomous Navigation & De-confliction: Integrating Deep Reinforcement Learning with Fuzzy Logic	Intelligent Systems; Neural Networks; Hybrid Systems
688	Modelling and Control of the Vitirover Robot for Weed Management in Precision Agriculture	Modeling and Simulation; Predictive Control; Control Applications
690	Modeling, Analysis and Optimization of Multirotor Power Consumption	Modeling and Simulation; Applied Optimization; Nonlinear Systems
693	Advanced Approaches in Mössbauer Drive Modelling and Controller Design Reducing System Order and Increasing Robustness	Control Design Methods; Modeling and Simulation; Control Applications
694	Comparison of recursive and nonrecursive linearization-based algorithms for one class of nonlinear estimation problems	Signal Processing; Nonlinear Systems; System Identification
695	A Survey of AI-based Models for UAVs' Intelligent Control for Deconfliction	Intelligent Control; Artificial Intelligence; Hybrid Systems
697	Tackling the Generalized Max-Mean Dispersion Problem with a Hybrid Population Method	Combinatorial Optimization; Intelligent Systems; Applied Optimization
700	Predictability of Energy Consumption in a Public Institution Using RNA	Forecasting; Neural Networks
702	An Approach based on IoT, MQTT and Docker to Distribute and Persist Data of an Automated AMBU Ventilator	Mobile and Wireless Communications; Telecommunication Applications; Software Engineering
703	Practical Filter & Simulative Controller Design for Radiation Signal Processing with Applications in Mössbauer Spectroscopy for Space Exploration	Control Applications; Sensors; Modeling and Simulation
704	Reliability Assessment of Solder Ball Joints Using Finite Element Analysis and Machine Learning techniques	Reliability; Applied Optimization; Artificial Intelligence
705	Primitive Agent-Environment Processes for Sequential Update Selection in First Order Optimization	Nonlinear Optimization; Computer Assisted Optimization; Applied Optimization
706	Analysis of Physiological Parameters for Assessing the Risk Level of Cardiovascular Diseases Using Machine Learning Algorithms	Neural Networks; Artificial Intelligence; Computational Intelligence
707	Camera-based Adaptive Line Formation and Dynamic Leader-Following Optimization (CALF-DLFO) for Drone Swarms in Real-time Updated Digital Twins	Control Applications; Intelligent Control; Modeling and Simulation
708	DFIG Imbalance rotor fault diagnosis using signal processing tools	Fault Detection; Diagnosis; Monitoring and Supervision
709	Deep learning for age estimation	Neural Networks; Image Processing; Artificial Intelligence
710	Robust tracking control of a perturbed quadrotor	Control Theory; Control Design Methods;

	based on a disturbance observer	Robotics
711	Using a Neural Network Trained Only on Integer Order Systems to Identify Fractional Order Dynamics in Networked Systems	System Identification; Artificial Intelligence; Graphs and Networks
714	On the Design, Implementation and Analysis of a Soft Robotic Actuator for the Social Robot HARU	Robotics
715	Enhancing Robustness: Delay-Based Control and Observer Strategies for Tilt-Rotor Quadrotors	Control Design Methods; Control Applications; Robotics
716	Detection of gas emission in the decomposition of dosidicus gigas using an automated prototype of low-cost	Instrumentation and Actuators; Manufacturing System Control; Sensors
717	Safeguarding adaptive methods: global convergence of Barzilai-Borwein and other stepsize choices	Nonlinear Optimization; Applied Optimization
718	Research on the Application of Lane Change Prediction Algorithms on Adaptive Cruise Control System for Insecure Scenarios in MATLAB/Simulink	Modeling and Simulation; Predictive Control; Learning Systems
720	Enhancing Robotic Arm Trajectory Tracking Using an Integrated WSA-ILC Technique	Robotics; Control Applications; Stochastic Optimization
721	FDI approach for INS with fixed-time parameter estimation of USV	Fault Detection; System Identification; Linear Systems
722	Integration and Continual Learning-Based Modeling of a Soft Robotic Sensor for Social Robot Proprioception	Robotics
622	Knapsack algorithm for data communication description and energy management in IoT System: Smart Grid	Intelligent Control; Applied Optimization; Smart Grids
655	Modeling and simulation of mechatronics equipment for a Digital Twin-enabled demonstrator	Modeling and Simulation; Robotics; Intelligent Systems
661	Energy Management for Industrial Robots Based on AutomationML	Production Engineering; Manufacturing System Control; Monitoring and Supervision
679	Investigation of Elderly Patient Actemetries for Night Sleep/Wake Phases Prediction	Neural Networks; Intelligent Systems; Signal Processing
698	A New Bi-level Modeling for the Home Health Care Problem Considering Patients Preferences	Combinatorial Optimization; Graphs and Networks; Operational Research
699	A mathematical model of a traffic controller robot at the intersection of urban roads	Linear Systems; Operational Research; Transport Optimization
701	A Hybrid spark-Genetic algorithm for a real time Pollution Routing Problem	Artificial Intelligence; Predictive Control; Intelligent Control
713	Planning and scheduling rules for a three-stage flexible workshop problem subject to sustainability constraints	Manufacturing System Control; Multi-Objective Optimization; Production Engineering

719	Production planning and control methodology for a flexible workshop problem subject to sustainability constraints	Manufacturing System Control; Multi-Objective Optimization; Production Engineering
651	Developing IoT Applications for Improving and Selecting Sustainability Transport Routes	Transport Optimization; Artificial Intelligence; Internet and Cloud Computing
653	IoT Sensor Selection in Cyber-Physical Systems: Leveraging LargeLanguage Models as Recommender Systems	Artificial Intelligence; Learning Systems
654	A Combined Approach to Estimate Labor Costs in the Development of Complex Technical Facilities	Manufacturing System Control; Monitoring and Supervision; Production Engineering
662	Exploration Prospects of Artificial Intelligence Models to Non-Invasive Motor Faults Prognosis and Counteractant	Fault Detection; Artificial Intelligence; Maintenance
689	Transfer Learning Based on Generative Adversarial Networks: Application to Chemical Reaction Process	Learning Systems; Process Control; Neural Networks
691	Off Highway Machine Automation Using Remote Sensing Technology	Predictive Control; Control Applications; Embedded Systems
696	DREM-based Adaptive Observer for Induction Motor Model With Friction	Control Applications; Nonlinear Systems; System Identification
712	Research of the possibility of using a neural network in the signal filtering instead of adaptive filters	Signal Processing; System Identification; Linear Systems