

2025 IEEE 8th Advanced Information Technology, Electronic and Automation Control Conference (IAEAC 2025)

**Guiyang, China
8-10 August 2025**

Pages 1-672



**IEEE Catalog Number: CFP25IAK-POD
ISBN: 979-8-3315-0952-1**

**Copyright © 2025 by the Institute of Electrical and Electronics Engineers, Inc.
All Rights Reserved**

Copyright and Reprint Permissions: Abstracting is permitted with credit to the source. Libraries are permitted to photocopy beyond the limit of U.S. copyright law for private use of patrons those articles in this volume that carry a code at the bottom of the first page, provided the per-copy fee indicated in the code is paid through Copyright Clearance Center, 222 Rosewood Drive, Danvers, MA 01923.

For other copying, reprint or republication permission, write to IEEE Copyrights Manager, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854. All rights reserved.

****** This is a print representation of what appears in the IEEE Digital Library. Some format issues inherent in the e-media version may also appear in this print version.***

IEEE Catalog Number:	CFP25IAK-POD
ISBN (Print-On-Demand):	979-8-3315-0952-1
ISBN (Online):	979-8-3315-0951-4
ISSN:	2689-663X

Additional Copies of This Publication Are Available From:

Curran Associates, Inc
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: (845) 758-0400
Fax: (845) 758-2633
E-mail: curran@proceedings.com
Web: www.proceedings.com

CURRAN ASSOCIATES INC.
proceedings
.com

Table of Contents

20250206	Legendre Fitting Method in Image Processing of X-ray Focal Spot <i>Zhiming Yao , Liang Sheng, Yan Song, Zhen Liu, Guzhou Song, Baojun Duan, Jiming Ma, Weipeng Yan, Yang Li</i>	<i>1</i>
20250216	Design and Realization of a Servo Test Method Based on Simulated Geodetic target <i>Kun Huang, Haiyu Ji, Yinghao Xu, Xianglong Kong, Hangshi Zhong</i>	<i>5</i>
20250224	Car Damage Detection and Cost Prediction with MobileNetV2 <i>Ekmel Çetin</i>	<i>10</i>
20250225	Extraction of mutual inductance between EMI filter components <i>Dawei Xie, Xiang Zhou</i>	<i>14</i>
20250231	Research on Comparison of Cable Screening Performance Measurement Methods <i>Guangxin Ji, Xiang Zhou, Zhicheng Xue, Shiping Tang</i>	<i>19</i>
20250341	Dynamic Collaborative Optimization Framework for Ship Trajectory Prediction: Dynamic Noise Suppression and Spatiotemporal Modeling <i>Peiwen Zhang, Guobing Li, Yang Lai, Xiaoqi Wang</i>	<i>24</i>
20250366	Experimental Verification of the Correlation Between Continuous Wave (CW) and Electromagnetic Pulse (EMP) Irradiation Methodologies <i>Yongzhen Luo,Shiping Tang, Zhongyuan Zhou</i>	<i>29</i>
20250390	Study on Propagation Characteristics of Circularly Polarized Vortex Electromagnetic Waves in Plasma <i>Meng Zhang, Xun Luo</i>	<i>36</i>
20250413	Analysis of Receiver Positioning Accuracy under Different Reference Modes <i>Ying Yang, Yu Tian , Bin Li</i>	<i>43</i>
20250453	Study on Multi-Frequency Signal Detection Based on the Method of Combined EMD and MFF <i>Xiaodong Liu, Yingyan Gu</i>	<i>48</i>
20250468	Designing Method of Kill Chains based on MOEA/D <i>Minghao Lin, Bin Li, Yuyang Xue,Tao Wang</i>	<i>52</i>
20250528	Optimization and innovation practice of industrial intelligent system based on deep reinforcement learning <i>Haonan Li</i>	<i>58</i>
20250530	Using MSNN to Identify State of Duffing Dynamical System <i>Bowen Wu, Xinyu Zhang, Xiaoyang Wang,Yujia Yu</i>	<i>63</i>

20250533	Dynamic Multi-dimensional Hybrid Attention for High-Precision PCB Defect Detection <i>Yongzhi Zhang, Hongyi Chen</i>	69
20250537	Research on Switching Technology of Base Dual-Center Application <i>Qi Chen, Pengxiang Gao, Rui Zhang, Ziyang Meng, Shuai Xu</i>	76
20250539	Application of machine learning in the monitoring of power market collusion behavior <i>Hongpeng Qi, Rong Zheng, Zhe Lin, Mingjun Tang, Yuetong Chen, Hang Fan</i>	81
20250541	Discrimination and Countermeasures of Target Capture Risks of Narrow Beam Antennas Affected by Atmospheric Refraction <i>Yanzhi Song, Qi Xiao, Baoguo Gu, Xiaoming Fan, Zhiming Sun, Xiaolong Hu</i>	86
20250543	Impact Analysis of OpenSSH Startup Methods on Background Process Management <i>Yanyang Wang, Yabo Shang, Hui Chen</i>	93
20250545	Design of Dynamic Adaptive Calibration Algorithm for Frequency Offset of Standard Meter Chip Facing Electromagnetic Pulse Interference <i>Yao Wenbo, Tan Yunhao, Wu Hua, Liu Xingzhi, Cheng Yingying, Ma Minghui, Wang Shiyu</i>	98
20250546	Research on the Conceptual Architecture and Constituent Elements of Digital Twin System <i>Weimin Lang, Zhiyuan Zhao, Haiyan An, Liangqin Yu, Yiyong Zhu</i>	104
20250548	Underwater sound source localization based on compressed sensing algorithm <i>Jiaming Zhang</i>	111
20250551	A Multi-Source Remote Sensing-Based Burn Severity Assessment Method for Mountainous Transmission Line Wildfires: A Case Study in Beijing <i>Shi Zhiyuan, Yao Lei, Sun Wenhao, Mang Xiuwei, Duan Saifei, Nie Penggao, Liu Chang</i>	115
20250552	Economic Dispatch and Carbon Emission Reduction Benefit Analysis of a Wind-Solar-Hydrogen Multi-energy Complementary System with Hydrogen Energy Storage <i>Li Fuguo, Wang Hai, Liu Hongyong</i>	122
20250554	Research on Blade Pitch Control Optimization of Wind Turbines under Extreme Wind Speed Conditions Based on Deep Reinforcement Learning <i>Shengguo Meng, Gaolai Tang, Shilong Qin</i>	127
20250555	Optimised Wind Turbine Layout for Complex Terrain Based on CFD Simulation and Genetic Algorithm <i>Chun Liang, Gaolai Tang, Guiwen Liang</i>	132

20250558	An Area-efficient Twiddle Factor Generator for Fully Homomorphic Encryption <i>Qiuxing Fu,Wei Li</i>	137
20250559	Design and implementation of online programming skill improvement system based on collaborative filtering algorithm <i>ShiYi Xiong,Yan Li,WeiHao Luo,HuaFeng Kong</i>	143
20250560	A flexible load control method for central air conditioning is applied to electricity information collection terminal <i>Enguo Zhu,Jizhe Lu,Xuan Li,Shiwei Sun,Shuai Hou</i>	149
20250563	Joint Clearing Strategy for New Energy Storage and Multi-Source Integration in Electricity Spot Markets <i>Cai Yanbin,Lu Bin,Ren Zhishuai,Lv fenglei,Sun Mingyu,Su Xiaoxiang</i>	157
20250564	Image-Based Weapon System Dynamic Firing Boundary Measurement <i>Jin Zhang</i>	162
20250565	Dynamic Ex-ante Market Power Analysis Model Considering Unit Start-stop Constraints <i>Siyu ZHU,Zhihan JIANG,Jian ZHU,Hao HU ,Wengan CHEN,Pengbiao GENG,Xiaomeng YU</i>	168
20250566	Overview: Research on the Consistency of Multi-Agent Systems <i>Heli Xing , Dazhi Liu , Yu Liang, Hao Sun</i>	173
20250567	Design of display control system for oxygen generator based on DSP <i>Mintong Zhao,Juexian Chen, Lina Song , Huiran Li , Ruiqi Wang</i>	178
20250570	Analysis of Power Quality for Micro-Hydropower and Photovoltaic Power Plant Coordinated Power Supply <i>Zhihan JIANG,Guanya XU , Siyu Zhu ,Ling XIONG, Haojie FENG ,Han XU</i>	184
20250571	System Modeling and Simulation of AT Automatic Transmission <i>Cheng Sun, Zhongqing Chen ,Fang Wei,Chao Li ,Jie Zhou ,Yisheng Zhu</i>	190
20250572	System Dynamics Modeling of the Evolutionary Pathway in Building Decoration Industry Empowered by Artificial Intelligence* <i>ZhiXian Xie, Chengxiang Yue</i>	196
20250573	The Enhancement Method for Low-Quality Fingerprint Images Based on Fast Discrete Curvelet Transform <i>Yufan Zhao , Lanlan Ren , Dongting Li</i>	200
20250574	The Architecture and Key Technologies of Cloud Graphic Configuration System for Power Trading Platform <i>Peng Sun , Hailing Zhao , Zhongming Zhang , Zijian Yan , Xiaomei Liu</i>	205

20250575	Zero Trust Security in Modern Networks: A Survey of Applications, Challenges, and Future Directions <i>Kangjian QU,Min Zhao,Shuai Cui</i>	209
20250576	New Method for Research on the Development Level of Smart Agriculture Based on Big Data Technology <i>Shi Zhilin,Zhu Yanli ,Li Yanmei</i>	215
20250577	Design of Dynamic Target Tracking and Control System Based on MSP430 <i>Jin Kun , Zhang Chenliang , Wang Wen ,Bi Jingteng</i>	220
20250578	Optimal operation of integrated energy system considering demand response under carbon trading mechanism <i>Zhongwen Zeng , Ziwei Zhao , Hongsheng Li , Aihong Tang , Peng Yu</i>	224
20250579	Analysis of Causes of Abnormal Electricity Consumption in Reverse Phase Sequence Voltage Conditions of Smart Electric Meters <i>Shiliang Chang , Mingzhong Zeng , Shuwei Wan , Di Wu , Hongling Qing , Changkai Yu ,Jianming Hu</i>	230
20250580	Analysis Methods and Application of Complex Metering Faults in Three-Phase Four-Wire Smart Energy Meters <i>Hongyu Xu , Mingqian Li , Di Wu , Haoyun Liu ,Linfeng Wu ,Ziwei Zhao,Shiliang Chang</i>	235
20250581	Data Analysis of Smart Electricity Meters under Unbalanced Current Conditions <i>Di Wu , Changkai Yu ,Xuehao Huang ,Haiwen Wu , Shiliang Chang , Jun Duan ,Xuesong Wang</i>	240
20250582	Construction and Application of AI-driven Test Question Bank: Integrating Genetic Algorithm to Achieve Differentiated Output <i>Shang Wang , Huagang Liu , Xuelei Wang , Nan Wang</i>	245
20250584	Design of a Portable IoT Multi-Parameter Tester Based on Bluetooth 5.0 <i>Na Sun,Cheng Xu</i>	252
20250585	Research on Web Human-Machine Configuration Technology of Power Market Technical Support System <i>Xiaomei Liu, Zhongming Zhang, Hailing Zhao,Jiajia Pan,Zijian Yan</i>	256
20250587	Research on Text Similarity Algorithm for Fusion of Multiple Features <i>Li Li, Siwen Xiao , Linlu Zhao, Jianwei Jin , Guojiang Guo</i>	262
20250588	Robustness Analysis of Power System considering Incubation Period for LLM Training Requirement <i>Haicheng Tu , Yibo Zhu , Xinghua Zhou</i>	272
20250591	Research on an Autonomous Navigation AGV Based on Magnetic Navigation Sensors <i>Xuelei Wang, Ligang Dang , Zeyu Zhao, Yuhao Wang</i>	277

20250592	Lyapunov Guidance Law for Bank-to-Turn Aircraft Singularity Control <i>Tianyu Lu , Ludi Wang, Zhenhong Zhu</i>	282
20250593	Underwater Target Parameter Optimization Method Based on Radial Velocity <i>Xiuqing Zhang , Jin Zhang</i>	290
20250594	Human-machine Collaborative Optimization Method for Multi-scale Monitoring Interface in Ship Fire Detection <i>Yicun Du, Jin Wei, Shilei Li</i>	294
20250596	Design of the Spot Detection Imaging System Based on FPGA <i>Xuenan Cui,Xinying Guo,Shuo Li,Guofang Zhai</i>	299
20250597	Equivalent Modelling Method for Renewable Power Plant Under the Effect of Multi-scale Factors Based on Machine Learning <i>Ding Wang , Jingyi Chen , Chen Liu , Xu Jiang , Xiaozhe Song</i>	305
20250598	A Hybrid GA-FNN Optimization Framework for Enhancing Temperature-Invariant Performance of MEMS Gyroscopes <i>Xiaoyun Xu , Yi Zhou,Zhuolin Yu , Tong Zhou</i>	310
20250599	Research on Line Loss Reduction in Distribution Networks Integrated with PV and Energy Storage Systems <i>Yiqiong He, GuoJun Lan , MingShan Shi, HongYang Liu, JingShu Xing, Jie Sun</i>	315
20250600	Day-Ahead Optimal Scheduling of Integrated Energy Systems for User-Side Flexible Load <i>Songjian Liu, Hongsheng Li , Ziwei Zhao, Aihong Tang, Peng Yu</i>	319
20250601	Simulation Design of Greenhouse Based on Arduino and Kingview Configuration Software <i>Shuyuan Li , Qun Yin , Sinian Shi ,Jianbo Zhang ,Chaoxiang An</i>	326
20250602	Ethical Issues in Big Data: A Visualization Analysis Based on CiteSpace <i>Yu Si</i>	330
20250603	Digital Twin - Based Fault Diagnosis Methodology for Stage Lifts <i>Huiqin Wang , Mengjiao Xiao, Qingqing Yang</i>	334
20250604	Radar Waveform Parameter Optimization with Offline Reinforcement Learning Strategy <i>Cheng Yang , Hua Jing</i>	339
20250605	Irrigation prediction of integrated water and fertilizer for strawberries based on LabVIEW and decision tree model <i>Yifei Cheng,Hongyv You, Shujiao Jin</i>	345

20250606	Lightweight Hierarchical Dynamic Index-Based Broadcast Encryption Scheme for 5G/6G Networks <i>Qianqian Wang</i>	351
20250607	An AI Agent and Large Language Model-Based Approach to Open Source Intelligence Analysis <i>Yang Su</i>	356
20250608	Open-Source Intelligence Analysis Method Based on Fine-Tuned Large Models and Knowledge Graphs <i>Yang Su</i>	360
20250610	Comparison of Cuscore and EWMA in Detecting Mean Shifts of Lévy Stable Processes <i>Songying Hu , Tai Li</i>	365
20250611	Phase Error Analysis and Adaptive Compensation for MEMS Quad-Mass Gyroscopes <i>Jingwu Zhang , Yi Zhou, Zhuolin Yu , Tong Zhou</i>	370
20250613	The report for C_{∞} 's four dual Maximum Planar Graph's all 4-colorings <i>Bin Cheng , Shouchun Xu , Xiaoliang Cao</i>	375
20250614	A robust method for automatic modulation recognition of linear frequency-modulated signals <i>Wenhui Zhou , Yuxin Zhou, Yu Liu</i>	380
20250616	Research on Traffic Flow Management in a Well-Known Scenic Town <i>Lei Hu , Bin Cheng, Xiaoliang Cao</i>	384
20250617	The Design of Digital Control System for Bio-fermentation Process Based on Embedded ARM9 <i>Sun Xuelei</i>	389
20250618	A Waveform Generative Diffusion Model of Unknown Radio Signal <i>Zhengang Zhai</i>	394
20250619	Measurement Matrix for Energy Efficient Compressive Sensing <i>Zhijun Pei</i>	400
20250620	Research on risk perception technology for power Internet of Things terminals based on the safe operation baseline <i>Tao Chen , Zhenwan Zou , Tao Yuan , Yangxin Teng</i>	405
20250621	Research on Dynamic Risk Assessment Methods for the New Power System Based on Deep Reinforcement Learning <i>Tao Chen , Zhenwan Zou , Yang Hu , Yangxin Teng</i>	411
20250622	Design and implementation of a simulated training system for real confrontation <i>Juan Wang, Shuo Liu</i>	417

20250623	Hybrid LSTM-CNN Generative Adversarial Network for Power System Data Generation Under Unconventional Events <i>Zhi Li, Yongxiang Xia, Weiwei Miao, Facai Xing, Haicheng Tu</i>	421
20250624	An Improved Particle Swarm Optimization Algorithm Based on Multi-Strategy Coupling <i>Wang Zituo, Zhang Huaxin</i>	427
20250625	Smart Classroom Learning Analytics System Based on YOLOv5 <i>Shuai Xia, Chengzhang Qu</i>	431
20250626	High-Gain Inverter for Intelligent Agricultural Systems <i>Jianbi Cai, Zehua Chen, Yongfu Ke, Bo Wang, Yu Rong, Jianyao Xu</i>	436
20250627	Research on the Architecture and Implementation Path of Machine Learning Automation Experiment Platform from the Perspective of Artificial Intelligence <i>Chao Wu</i>	441
20250629	Application of Artificial Intelligence in Education: An Intelligent Tutoring Robot Based on Simulation Technology <i>Zeyu Zhao, Shang Wang, Yinghui Ge, Huagang Liu</i>	446
20250630	Application of AI Technology in Social Media Marketing for Cross-border E-commerce: Hotspot Analysis and Trend Forecasting <i>Li Zhao, Yulin Wan</i>	453
20250634	Research on Cloud-based Virtualisation, Intelligence, and Universal Equipment Training Mode <i>Zhijia Chen, Zhiying Xie, Yanqiang Di, Shaochong Feng</i>	463
20250636	A novel feature fusion-based and complex contextual model for smoking detection <i>Yangyi Yang</i>	469
20250637	A Study on the Early Warning Mechanism for Investment Execution Risk in Power Grid Infrastructure Projects Based on Improved Monte Carlo Simulation <i>Yujie Wang, Tong Li, Xiaohui Wang, Wei Cheng, Geli Zhang, Xiaohai Gao, Fuxin Wang, Yichuan Jin</i>	475
20250642	Convolutional Neural Networks with SE for Modulation Format Identification <i>Wenbin Wang, Qinghui Zeng, Haiwen Li, Yibu Kong, Ye Lu</i>	482
20250643	Track-to-Track Association Based on Target Position Estimate and Type of Historical Information <i>Maqiang Wang, Weiguo Zhang, Zhaoqing Liu, Ke Chen</i>	487
20250646	Image Processing and Analysis Based on MATLAB <i>Xiangfei Wei, Shaozu Liu, Niu Li, Jinxin Wang</i>	493

20250647	Source-Load Coordination for Carbon Reduction in IES with Stepwise Carbon Pricing <i>Mei Yang ,Xichao Zhou</i>	499
20250648	Behavioral Modeling and Response Mechanism of Residential Multi-Dimensional Electricity Use <i>Xichao Zhou ,Mei Yang</i>	504
20250653	Simulation of vehicle braking performance based on MATLAB <i>Yonggang Yi ,Yuanyuan Gu ,Yan Cui ,Hui Lu</i>	509
20250654	Path planning for UUV using explainable AI and deep reinforcement learning techniques <i>Yizheng Wang , Zhimin Cao</i>	514
20250655	Research on the Application of Reinforcement Learning in Arrival Flight Sequencing Problems <i>Hongyun Xu,Quan OuYang</i>	519
20250656	Active and Passive Beamforming in Phased Array Radar with Intelligent Reflecting Surface <i>Wei Lu ,Juan Yu ,Haida Yang ,Heng Zhang ,Qiang Lin ,Congsheng Zhang ,Bin Deng ,Xiaoping Wang</i>	523
20250657	Analysis and Simulation of Thermal Characteristics of Contact System in Circuit Breaker With Oil Dashpot <i>Yanhua Qiao, Min Li, Xiuping Su, Ranran Xu</i>	528
20250658	Research on 3D Point Cloud Discretization Data Processing and Laser Intrusion Detection System <i>Jian Zhang ,Qiang Liu ,Suqing Hou , Chunguang Zong , Yunfei Yang , Jianbiao Ye</i>	534
20250659	Research on Accurate Calculation and Evaluation Method of Losses in Flexible DC Converter Valves <i>Shaoyan GONG , Shenghui HU , Hu LIU , Yaoling HUANG , Yao LI , Zhengguang CHEN</i>	539
20250660	Convolutional Generative Adversarial Network-based Flash Welding Quality Inspection Method for Anchor Chains <i>Chaoqiang Nan, Yiping Meng, Lingling Song , Shijie Su</i>	544
20250662	Bayesian Transformer-Based Adaptive Identity Authentication for Power Inspection Terminals <i>Jingchuan Feng, Yizhen Sun, Qiyao Li ,Siqi Cheng ,Yajun Zeng ,Han Yang</i>	549
20250663	Trajectory Planning Algorithm for Parallel Platforms Integrating DDPG and Efficient Forward Kinematics <i>Yi Hu, Bo Zhu , Huanhuan Li , Zhongshen Ouyang , Yue Xu , Shijie Su</i>	555

20250664	A policy-hidden CP-ABE access control scheme for the Internet of Things (IoT) that integrates a multi-secret sharing algorithm <i>Fengling Wang, Qiufa Tian, Zhuhui Chen, Fenghua Chen , Mingzhi Yang, Weitong Song</i>	560
20250669	Research on the Recovery of Enterprise's Financial Distress Based on GBDT Algorithm <i>Ruoyan Li</i>	565
20250671	Research on the income distribution strategy of virtual power plant operation considering distributed energy <i>Jingyun Ye, Mingjun Tang, Jiahao Liang</i>	570
20250672	Engineering Implementation of Flexible Handling Payload for Communication Satellites <i>Jiatao Cui, Zhongyue Liu , Jiayu Wang , Boyan Xing</i>	575
20250673	Synchronous Backlash Elimination-Based Dual-Motor Coordination Arm Predictive Position Control <i>Guangzu Zhou, Fangchao Xia, Manhui Zhang, Yuan Feng</i>	579
20250675	Research and Implementation of Deep Learning-based Interlocking Upper Computer Interface Recognition Methods <i>Zihan Zhou, Tao He</i>	589
20250676	Research Progress on the Application of Deep Learning Algorithms in Fiber Identification <i>Yinlei Cheng, Naidong Zhao, Lehan Zhang</i>	595
20250680	A Study on Fault Cause Analysis and Handling of a Substation Remote Control Failure <i>Changxiong Zi, Guiheng Liu, Guiliang Li, Pengju Gao , Hongwei Guo, Yisong Liu, Changyuan Wang</i>	599
20250681	A Study on the and Robustness of Regional Distributed Energy Active Power Automatic Dispatch <i>Guiheng Liu , Ziping Long, Quangui Zhou , Fan Li, Zhaoran Gong , Leilei Li</i>	604
20250684	Research on Quality Evaluation and Optimization of Data Delivery in Modern Power Plant Security Design <i>Shaohua Guo , Zikai Sun , Chunguang Zong , Suqing Hou , Qiang Liu , Yunfei Yang</i>	608
20250685	HRRP data augmentation based on Conditional Generative adversarial networks <i>Wei Liao , Zhe Wang , Xinyuan Zhang , Licheng Yang , Xingyu Lu</i>	613
20250686	New Energy Generation Forecasting Based on Improved Transformer <i>Senmao Li , Yu Wang, Zhiheng Li , Weijia Guo, Peng Hu , Wenjie Zhao, Mingyang Liu</i>	619

20250687	Research on APF for Instantaneous Reactive Power Harmonic Detection Based on Wavelet Analysis <i>Jun Yi,Yazhou Gao,Jian Zhu,Jin Ma,Xiaomeng Yu ,Cun Qian,Jian Gao,Cheng Liang ,Hailang He</i>	625
20250688	Study on Wind and solar power Generators' Participation in Electric Carbon Green Multi-Market Coupling Trading Strategy <i>Bolun Xu , Hongjiao Hu</i>	629
20250690	Research on Comprehensive Evaluation of Ideological and Political Courses Based on the Analytic Hierarchy Process <i>Yixin Xu ,Ying Wan</i>	633
20250691	New energy joint energy storage participates in the power market optimization strategy research <i>Hengyi Liu , Chengwang Liu</i>	640
20250692	Research on Bidding Strategy of Photovoltaic Storage Combined Power Station in the Spot Market <i>Dongsen Zhao , Wei Zhang</i>	646
20250693	Integrating Retrieval-Augmented Generation (RAG) and Knowledge Augmented Generation (KAG) Frameworks to Build Accurate Enterprise Question Answering Systems <i>Yonghe Guo , Longchuan Yan , Jianing Niu , Dequan Gao , Xiaoyu Yuan</i>	651
20250694	Design of Underwater Rescue System Based on Sonar Detection and Polarization Imaging <i>Jianqun Ma ,Kai Zhu</i>	658
20250695	Research on optimization design of six-rod main transmission mechanism of Adams warm forging servo press <i>Yayun Cheng, Weiwei Li, Meifang Chen, Yun Chen</i>	662
20250696	Research on Evaluation Indicators for Provincial-level Effectiveness of Multi-level Electricity Market <i>Feng Li ,Weidong Liu ,Liang Guo ,Yuzhen Zhang ,Xiaotao Nie ,Bochao Dong ,Mingjun Tang,Ze Hao</i>	667
20250697	Sliding mode control of spacecraft system based on event-triggered stubborn composite disturbance estimator <i>Yang Xu , Jiangshan Wang , Jianlin Chen, Lei Liu , Yang Yu</i>	673
20250698	Design of LoRa Wireless Sensor Network Node Path Planning Algorithm <i>Xiaoming Ding ,Shi Hu ,Rongmeng Deng</i>	679
20250700	Occlusion-Aware Joint Matching: A Study on Multimodal Face-Pedestrian Association for Multi-Object Tracking <i>Qin Hu , Hongshan Kong</i>	683

20250701	Design of Terminal Sliding Mode Controller for Quadrotor UAV Based on Inner-Outer Loop <i>Qinbin Zhou , Tao Yang , Tengfei Guo</i>	691
20250702	Design of Fuzzy Sliding Mode Controller for Trajectory Tracking of Quadrotor UAV <i>Qinbin Zhou , Tao Yang , Tengfei Guo</i>	696
20250703	The potential field method for unmanned vehicle path planning based on swarm intelligence optimization <i>He Guo, Zhengyi Chai</i>	701
20250704	The Design of Multifunctional Pet Clothing <i>Yuanlin Huang, Hao Ma</i>	706
20250705	Design of Smart Protective Clothing for Earthquake Rescue <i>Xinchen Du , Xining Liu , Hao Ma</i>	710
20250707	Flexible Wind Farm Power Distribution Method Considering Noise and Communication Delays <i>Shuai Shao, Hao Zhang, Cunhao Lu, Shu Yuan, Tianlong Fu</i>	715
20250708	Detection of the proportion of tobacco flavoring based on near-infrared hyperspectral and machine learning <i>Shenghui Zhao, Erqiang Zhang ,Zhumu Fu ,Huajie Li ,Jinsong Du ,Dayong Xu</i>	719
20250709	Simulation Research on ICEEMDAN Combined with Wavelet Threshold Denoising <i>Fulong Liu, Linlin Chen</i>	724
20250710	Research on FPGA-Based Electronic System for Active Reset of Superconducting Qubits <i>Yaping Lu , Yifei Chen , Maojie Ma , Liyu Tian</i>	728
20250711	Comparative Analysis of Directivity of a Single Vector Hydrophone in Near-Field and Far-Field <i>Qing Ji, Qin Zhu</i>	734
20250712	Cross-layer optimization design of solar assisted LoRa sensor network for smart agriculture <i>Xiaoming Ding ,Shi Hu ,Rongmeng Deng</i>	739
20250714	Research on Calibration and Correction Techniques for Detection Sonar Positioning Error <i>Yanju Ji</i>	744
20250716	Research on Single-Phase Grounding Fault Line Selection Method Based on MPA-VMD and Multiscale Dispersion Entropy <i>Xiaomeng Wu, Zhongda Yang,Dang Bo</i>	752

20250717	Research on the Formation Mechanism of Consumers' Impulsive Purchase Intention in Agricultural E-commerce Live Streaming <i>Hanyang Luo, Yuting Gang, Jiaying Lai, Haoqing Li, Yanxin Cao</i>	757
20250718	Performance Evaluation of Maintenance Strategies for Phased Array Radar T/R Components <i>Min WANG , Shihua LIU , Wei QI, Zhifang ZUO, Xiaoyu SHI, Guang WANG, Weihua XIONG</i>	762
20250720	Research on the Design of Early Warning Operational Simulation System Based on HLA <i>LIU Shihua , SHENG Wen , CHENG Dongsheng , WANG Xiaoping , WANG Min</i>	769
20250721	Single Channel Speech Enhancement Algorithm Based On Attention Mechanism DNNs <i>Zhikai Guo , Hong Bai , Houyun Liu</i>	773
20250722	A Deep Compression and Feature Extraction Method for Flight Performance Analysis of Time Series Aeronautical Data <i>Ming Xiao , Jiahe Miao</i>	779
20250723	Distributed Fusion with GM-LCC Filter Based on Covariance Intersection and Weighted Association <i>Maqiang Wang, Weiguo Zhang , Gendong Zhou , Wenbo Duan , Zenghao Zhou</i>	784
20250724	Machine Vision-Based Dimensional Measurement of Industrial Parts with Circular Features <i>Shenyan Tang , Kai Zhu , Yao Ding</i>	789
20250725	Life Prediction of Support Structures Based on Multi-Layer Perceptron (MLP) Algorithm <i>Qiushi Liu, Zhanpeng Xu, Jie Hua, Xinlang Jiang</i>	794
20250726	Research on Automotive Lamp Housing Gluing System Based on Industrial Robot <i>Xuele Wang, Shixia Lv, Jie Huang, Xian Li , Zeyu Zhao</i>	798
20250728	Study on Cable Material Selection and Life of Photovoltaic System based on Neural Network Analysis <i>Chong Yin, Zhanpeng Xu, Zhang Chen</i>	802
20250729	Construction of a Quality Evaluation Index System for Response Texts in Medical AI Agents <i>Jianxun Li , Qian Wang , Jingyao Wei , Jiixin Li , Yanying Shang</i>	807

20250730	An Empirical Multidimensional Evaluation of Response Quality in Medical Automatic Question-Answering Systems <i>Jianxun Li , Jingyao Wei , Qian Wang , Jiaxin Li , Yanying Shang</i>	812
20250731	AMESim-Simulink Based Control Analysis of the Sealing Packer System for an Eddy Current Pipeline Inspection and Repair Robot <i>Jinbang Wang , Xiuyuan Luo , Jie Qu , Qingchao Li , Yongjie Xu , Jie Zheng</i>	817
20250734	Theory of 1D Circular Loop Antenna Arrays in Anisotropic Plasma for VLF Applications <i>Zhihao Li, Ke Zhang, Pengpeng Li, Shaojie Ni</i>	823
20250735	Design of High-performance BMS Bluetooth Protection Board Based on FPGA and DSP <i>Yunjie Fan , Yujie Lian , Ruiju Zhang , Keying Chen , Xiaoning Lian , Fengfei Qin</i>	829
20250736	C-YOLO: An Attention-Enhanced Framework for Road Crack Detection <i>Xinyu Du</i>	833
20250737	A Two-Level Clearing Model for the Spot Electricity Market Considering New Energy Consumption <i>Yuhan,Zhang ,Yanjun Jiang ,Li Wang ,Zhou Su ,Yuhang Zhang ,Xueqiu Zhang</i>	839
20250738	FATS: Fault-Aware Optimization for Large-Scale Model Training <i>Xiang Gao , Jiawei Ren , Cheng Jian , Yongfeng Ji</i>	845
20250739	Image and text recommendation system based on multimodal feature fusion <i>Cheng Zhao, Qun Hou, Yumin Dai, Sen Tan, Shuang Luo, Yiming Wang</i>	850
20250740	Research and design of active PFC boost converter <i>Zhisong Lin , Dong Liu , DaXing Chen, Pengxiang Zeng ,Wei Zhou ,Xiaopeng Yang</i>	857
20250741	Research on GNSS Time Spoofing Detection Algorithm Based on Carrier Doppler Difference <i>Lifen Li, Zhiyun Xiao</i>	862
20250742	A Explainable Method for Task Planning Scheme Based on Hierarchical Reinforcement Learning <i>Yunxia Tang</i>	867
20250743	Research on Construction and Application of Supply Chain Trust Knowledge Graph under the Background of Intelligent Manufacturing <i>Jianxun Li , Hongmin Zhou , Yanying Shang ,Ying Zhang</i>	873
20250745	Recovery Strategy for Power Grid based on Graph Learning Under Unconventional events <i>Yuang Shuai, Haicheng Tu, Weiwei Miao, Facai Xing, Yongxiang Xia</i>	878

20250746	Application of AI Image Recognition in Aircraft Maintenance Tool Management <i>Chao Wang , Zanxing Xiao , Huizi Lyu</i>	882
20250747	Impact of Critical Scenarios of Sudden Water Pollution on Emergency Response Decision-Making from a Complexity Theory Perspective <i>Jianxun Li ,Yingbo Liu , Ruochen Zhang, Jiaxin Li , Yanying Shang</i>	886
20250748	Research on Efficient Packet Filter Technology Based on eBPF <i>Yakun Zhang, Han Wang, Pengxiang Gao</i>	891
20250751	Fault Set Generation Method Based on Risk Assessment for Power Systems Under Unconventional Events <i>Xiangheng Huang, Yongxiang Xia , Weiwei Miao , Facai Xing , Pandong Cao</i>	895
20250752	Design and Research on Visual Recognition System for Spoiled Fruit Detection <i>Guanhua Wang, Zhenhui Zhang ,Chunlai Guo,Jun Liu,Li Cui , Bailiang Wang, ZiTong Wei</i>	900
20250753	Research on Construction and Simulation Methods of Memristor-based CNN <i>Guidan Leng ,Chunlai Guo,Wenlong Ma , Jian He ,Bai liangWang ,Zitong Wei</i>	904
20250754	A Hierarchical Optimization Approach to UAV Task Assignment in Large-scale Scenarios <i>Xin Wang, Hongyan Qian</i>	908
20250755	Iterative Implicit Linearized Optimal Power Flow Model for Mesh Microgrids <i>Xuejun Fan</i>	916
20250756	FPV UAV Multi-aircraft Collaborative Architecture Design Optimization <i>Juan Wang</i>	921
20250757	Lightweight YOLOv8 Real-Time Object Detection via Progressive Pruning and Feature-Aware Knowledge Distillation <i>Guangliang Zhu, Chunxia Yuan ,Fei Jiang</i>	925
20250758	Research on Six-Line Automatic Synchronization Control Method for Sheep Slaughtering Production Line <i>Qingtai Chen,Xiaohan Song</i>	934
20250760	Master-slave control strategy-based design of dual linear motors driven vertical motion systems <i>Enbing Qi, Mingqi Liu , Zhenyong Fang</i>	940
20250761	Efficient Maritime Traffic Flow Analysis Using YOLOv8 and DeepSORT for Vessel Detection and Tracking <i>Weigeng Wang, Yongtao Wang, Xinglong Liu, Xiangyan Zou,Xinglong Zhong</i>	946

20250762	Leveraging Machine Learning for Predictive Analysis of Consumer Behavior in Marketing <i>Junfang Wu , Yang Yang , Gengjia Zhang</i>	950
20250765	NFT address clustering and entity tracing method based on heuristic learning <i>Shi Li , Jing Yan , Zhao Jing , Chen Zixuan , Shi Boxuan</i>	955
20250766	Research on the Application of Cloud Desktop Technology in Constructing Collaborative Office Environment for Enterprise External Personnel <i>Bo Li, Qian Li, Shasha Yu, Yiqian Feng, Zuyi Hao</i>	963
20250767	Calculation method of contribution rate evaluation index of radar equipment system based on capability mapping <i>Wensi He, Xiansi Tan, Zhiguo Qu, Yu Yao, Bingdi Xue, Menggao Tao</i>	968
20250768	Research on AI semantic segmentation model for large-scale point cloud data based on cloud-edge collaboration <i>Yong Pan , Jing Lü Xin Qiu , Shun Li</i>	973
20250769	Research on Intelligent Recognition Model and Method for Information Targets Based on Big Data-Driven Approach <i>Jing Lü, Yong Pan, Kun Huo , Yan Liu</i>	978
20250770	Cabbage Robot Workstation Based on RobotStudio <i>Dong Xu, Wenjing Yang, Minghui Zheng, Yan Gu</i>	983
20250771	Hard Drive Failure Detection Technology Based on GRU-AE Dimensionality Reduction <i>Xingting He, Juan Tian , Changliang Zhang</i>	988
20250772	Detecting Abnormal of Coal mine informatization operation and maintenance system Based on Dynamic baseline anomaly <i>Wu Cheng-fang ,Fan Zuo-peng ,Xu Yu-yi ,Liu Dong-hai ,Wang Mei-chun ,Wang Xin ,Li Jiu</i>	992
20250775	Research on typical feature recognition method of tongue diagnosis images in traditional Chinese medicine <i>Jingyi Hao , Li Li</i>	997
20250776	Research on the Prediction of Maintenance Spare Parts Consumption based on Extreme Learning Machine <i>Jia Jia, Yuan Xiaojing</i>	1004
20250777	Research on deep learning based state detection and multi-channel warning model for nuclear security front-end equipment <i>Yuanjing Li ,Qiang Liu ,Chunguang Zong ,Dapeng Ding , Shaohua Guo , Yong Xu</i>	1007
20250778	Random Forest Improvement Method Based on Feature Importance <i>Haifeng Guo , Hui Jia , Zaifeng Zhang</i>	1012

20250779	Denoising of Underwater Acoustic Image <i>Peixuan Yang, Dashi Zhang , Yufan Wu , Yuling Zhao , Zhiping Xu</i>	1017
20250780	Research on Wind Power Prediction Based on LSTM Neural Network <i>Zhaocheng Yang, Ziqing Ye, Min Sun , Chengbin Sun</i>	1022
20250782	Optimal Configuration Method of Distributed Photovoltaic Energy Storage System <i>Chengbin Sun , Ziqing Ye , Min Sun , Zhaocheng Yang</i>	1025
20250783	Smart Fuzzy-PID Control System for Nutrient Removal in A2/O Wastewater Treatment Using PLC <i>Shuang Qiu, Xiaona Wei</i>	1030
20250784	Research on Workpiece Palletizing System Based on Industrial Robot <i>Xuelei Wang, Shixia Lv , Xian Li , Jie Huang</i>	1035
20250785	Performance Analysis of Covert Communications with Non-Orthogonal Multiple Access (NOMA) <i>Ziyi Li,Pengyu Liu</i>	1039
20250786	The 3D Modeling Technology for Substation Surface Temperature Distribution Based on Thermal-Geometric Joint <i>Wen Kang, Yuzhu Ding , Han Zhang , Wei Deng , Jing Wu</i>	1044
20250787	Three-dimensional Reconstruction of Porcelain Insulators on Power Transmission Lines based on Non-coaxial Infrared and Visible-light Images <i>Junjun Yang, Fujie Wang, Xiaohui Li, Shifeng Liu, Yang Jin, Bo Chu, Jungang Yin</i>	1052
20250788	Impact of Micro-vibration Disturbances from Satellite Platforms with Rotating mechanism on Space Laser Communication <i>Xingfu Liu, Huijie Liu, Xianbo Yin , Cheng Chen , Zengshan Yin,Xiaojie Zhang</i>	1056
20250789	Ontological Feature Recognition and Blockchain-based Rights Confirmation Method for Forestry Remote Sensing Data <i>Fei Xiong, Linghao Dai, Shihuan Xie, Hengjiang Xiao</i>	1063
20250790	Cooperative Square-Search Probability for Underwater-Targets Using Dipping-Sonar-Equipped USV Clusters <i>Wang Duliang , Xu Zelin , Liu Jichao , Xu Qiang , Su Jintao</i>	1068
20250791	A Sample Editing Method for Supporting the Experimental Verification of Power Grid Dispatching Control and Operation <i>Shangqiu Shi , Bo Sun , Yadi Luo , Yan Wang</i>	1073
20250792	Artificial Intelligence in Enterprise Management: A Visual Analysis Based on CiteSpace <i>Junshan Lian</i>	1077

20250793	Simulation Analysis of MPPT Control Strategy for Photovoltaic Cells Based on Perturbation Observation Method <i>SUMAIYA Akpar, Lan Chenglong, Abai Zhumabieke</i>	1081
20250794	AI-Driven Software Design and Applications: Construction of Personalized Learning Measurement Models Under the Taxonomic Development Perspective <i>Shang Wang, Xin Tang, Song Wang, Huagang Liu</i>	1085
20250795	Fault Set Modeling on the Cyber-Side of the Automatic Generation Control Process <i>Zexi Zhang, Fengbin Zhang, Yi Han, Xiaolin Qi, Zechen Wei, Yujia Li</i>	1092
20250797	Automatic Key Modulation Monitoring and Tonicization Detection with Hierarchical Clustering <i>Dengyun Huang, Yonghua Zhu</i>	1099
20250798	Clustering Analysis of College English Translation Based on Multi-Strategy Artificial Bee Colony Algorithm <i>Ying Ye</i>	1104
20250799	Research on disaster chain evolution prediction method of new urban power system <i>Gaoke Shi, Jun Yu, Qiuji Sun, Han Chen</i>	1110
20250800	Intelligent safety management system for Laboratory based on STC89C52 Microcontroller <i>Yan Yang, Jing Zhang</i>	1116
20250801	Research on Disaster Chain Evolution and Risk Propagation in Urban New-Type Power Systems Based on Fault Tree Analysis <i>Gaoke Shi, Kai Zhang, Linlin Zhang, Keji Chen</i>	1120
20250802	Research on the Analysis Method for Antenna Pointing Error in the Spinning Module of Rotating Satellite System <i>Xiaojie Zhang, Huijie Liu, Cheng Chen, Minghao Shang, Fankai Shi, Xingfu Liu</i>	1128
20250803	Weighted Loss based Range Doppler Coupling Elimination Algorithm <i>Hangshi Zhong, Linxi Feng, Kun Huang, Haiyu Ji</i>	1135
20250805	Comparative Study of Passive Synthetic Aperture Algorithms in Underwater Acoustic Time-frequency Domain <i>Yang Gang, He Xianwen, Zheng Yuan, Dong Yongfeng</i>	1140
20250806	Strategic Reconstruction and Evolution Path of 2G Core Network Withdrawal <i>Xuefang Liu, Meng You, Yu He, Chuanjia Fu, Xi Yan, Junhui Lv, Lili Kong, Ji Li, Xiaoning Du</i>	1145

20250807	A Baseline-Based Scheme for Consistency Verification of Signals Between Dispatching Master Station and Substations <i>Yao Zhiqiang , Cheng Xiao , Sun Yang , Zhang Jinhui , Ren Hui , Xu Xin</i>	<i>1151</i>
20250808	Big Data Mining in Education: A Scientometric Analysis Based on CiteSpace <i>Zhenyu Xu</i>	<i>1157</i>
20250809	GAN-based Image Enhancement Algorithm for Personnel Archives Scanned Image <i>Xiaofeng Ma , Xiaohui Xu , Songtao Luan , Wei Wang , Xiaodong Li , Xu Zhang</i>	<i>1161</i>
20250810	The Hotspots and Frontiers of Artificial Intelligence-powered Online Education: A Visualization Study Based on CiteSpace Knowledge Graph Analysis <i>Ziyue Zhang</i>	<i>1165</i>
20250811	A zero-contact human-computer interaction red cultural tourism education platform based on holographic projection technology <i>Bei Tao, Shunjie Sun, Chenxu Tian, Jia Liu</i>	<i>1169</i>
20250812	Prediction of China's gold medal count at the Winter Olympics based on machine learning <i>Junyu Wei,Fuyu Zhu</i>	<i>1176</i>
20250813	Overhead Tracking Method for Electronically Scanned Array Antennas based on Virtual Guidance <i>Haiyu Ji, Kun Huang, Mengyang Hou, Hui Ji, Yinghao Xu, Hangshi Zhong, Cen Wu</i>	<i>1180</i>
20250814	Ship borne Near Space Environment Detection System based on Rayleigh Scattering <i>Haiyu Ji, Ruochi Ma, Hui Ji, Kun Huang, Hangshi Zhong, Cen Wu, Pengbo Cheng</i>	<i>1185</i>
20250816	Optimal Dispatch Strategies for Virtual Power Plants in Electricity Markets <i>Xize Jiao , Liu Ping , Ruan Wenjun</i>	<i>1189</i>
20250817	A Review of Blockchain-Based Authentication Research <i>Hengjiang Xiao , Zhihong Liang,Yuxiang Huang,Mingming Qin,Fei Xiong</i>	<i>1193</i>
20250818	A New Color and Texture Augmentation Method of Flame Images Based on Diffusion Models <i>Teng Wang, Zhikai Yang, Chaoliang Zhang, Jineng Ouyang</i>	<i>1204</i>
20250820	Application of Principal Component Analysis(PCA) in Bioinformatics Analysis of Osteonecrosis of the Femoral Head (ONFH) <i>Pengbo Wang</i>	<i>1210</i>

20250821	Passive Intermodulation Interference Behavior Model Based of Volterra Series in Space Communication <i>Jiayi Wu, Yuanyuan Tian, Limin Wang, Ke Chen, Kai Ren, Ming Han, Yunsheng Jiang</i>	<i>1214</i>
20250822	Parameter Requirements Analysis of Space-Based VHF Communication System <i>Rui Liu, Bing Luo</i>	<i>1218</i>
20250823	Prediction of Employee Turnover Intention in Enterprises Based on Machine Learning <i>Fuxiang Wang, Xiangping Gu</i>	<i>1224</i>
20250825	Optimizing Charging Strategies for Electric Vehicles in Residential Areas Based on Halton Sequence Randomized Sled Dog Optimizer <i>Zhimin Wang, Zhen Wang, Yinjie Huangfu, Zan Yang, Wei Nai, Dan Li</i>	<i>1229</i>
20250826	Locally Linear Embedding Based on Neiderreit Sequence Randomized Rat Swarm Optimizer <i>Suqian Bao, Xiaolu Xu, Zhihao Fang, Wei Nai, Dan Li, Zan Yang</i>	<i>1234</i>
20250827	Locally Linear Embedding Based on Soccer Match Algorithm in Its Optimization Process <i>Song Yan, Ruiyi Wang, Han Sun, Aisilinuier Ababaikeri, Nengwei Lei, Wei Nai, Zan Yang</i>	<i>1239</i>
20250828	Lightweight Spoofing System for Navigation Deception of N on cooperative UAVs <i>Qian Guan, Qing Ruan, Yifeng Zhang, Jiajun Liu, Ke Zhang</i>	<i>1244</i>
20250829	A Trajectory Association Method for Non-Uniform Coverage Detection in Large-Scale Constellations <i>Dandan Wang, Zhi Yang, Shunjing Yu, Yiqiang Zhen, Yasheng Zhang</i>	<i>1249</i>
20250830	Quality Management System Certification as a Driver of High-Quality Development in Technology-Based SMEs: An Effectiveness Assessment and Analysis of Determinants <i>Qianqian Xi, Ruoxi Feng, Yiru Su, Zhanhong Liu</i>	<i>1254</i>
20250831	Devising of the control system for a multi-functional dual-axis high precision numerical controlled flight motion simulator <i>Enbing Qi, Haiting Wang, Mingqi Liu, Wenhui You, Zhenyong Fang</i>	<i>1259</i>
20250832	Real-Time Student Behavior Monitoring System Based on Edge-Cloud Collaboration and LSTM Modeling <i>Jinlong Bo, Wenwen Yu, Yanchun Xu</i>	<i>1263</i>
20250833	Closed-System Dynamics Model for Terrorism-Counterterrorism and Its Application in Counterterrorism Game <i>ZHiBo Nie, Yi Wu, Jian Feng, HuiNing Sun</i>	<i>1267</i>

20250834	Research on Online Map Information-Driven Electric Vehicle Testing Method Based on HIL <i>Wei Wang,Zekun Jia , Fufan Qu , Dehua Di</i>	<i>1273</i>
20250837	A Study on the Economic Performance Analysis of a Fuel Cell Passenger Vehicle <i>Ting Guo, XiaoQi Yang, Shizhan Li , Wang Fang</i>	<i>1279</i>
20250839	A Study on the Evolution and Hotspot Prediction of Research Topics in Artificial Intelligence Using BERTopic and LSTM Approaches <i>Xuanming Cao,Yanying Shang</i>	<i>1284</i>
20250840	Design of a ROS-Based Vision-Guided Mobile Robot for Object Transportation <i>Jie Zhou, Zhang Guowei</i>	<i>1289</i>
20250841	Research on Durability and Reliability Technology of a Fuel Cell Logistics Vehicle <i>Ting Guo, Shizhan Li , Wang Fang</i>	<i>1293</i>
20250842	Fault Diagnosis of Wind Turbine Gears Based on IGWO-LSSVM Model <i>Yue Yin , Xun Yao , Jiajun Wei , Chang Sun , Pengbiao Geng , Zirun Lu</i>	<i>1299</i>
20250843	Research on Evaluation of AHP-based Command and Control Capability <i>Xueyang Zhao , Daguo Qin</i>	<i>1304</i>
20250844	Construction and Mining Technology of Fuel Cell Vehicle Database <i>Ting Guo, Ying Tian, Fang Wang</i>	<i>1310</i>
20250846	Research on the Construction of Capability Requirement Indicators for Training Simulation System with GBDT-Driven Questionnaire Mining <i>Xueyang Zhao</i>	<i>1315</i>
20250847	Autonomous Control Method and Verification of Dual Antenna Tracking Relay Satellite on the Far Side of the Moon <i>Zhiyun Tan, Hao Huang, Ruiqing Sheng , Ruikang Zhang</i>	<i>1321</i>
20250848	Wind-Solar Power Cooperative Prediction Method Based on Feature Fusion and Improved Optimized Deep Learning Algorithm <i>Sayina Bodanbai</i>	<i>1330</i>
20250853	Research on Reversible Data Hiding Algorithm for Images Based on K-Means Clustering and PVO Adaptive Double-Layer Embedding <i>Xiankuan Shou, Yi Wang</i>	<i>1334</i>
320250665	Research of Commercial Aircraft ECG/PPG Biorhythm Control Dynamic Cabin Light System Architecture <i>Ningshuang QIN</i>	<i>1339</i>
320250815	Design and Implementation of I2C Bus Controller Based on FPGA <i>Yuan Li, Tian Jin, Wenhua Tang</i>	<i>1344</i>