2024 IEEE 2nd International Conference on Image Processing and Computer Applications (ICIPCA 2024)

Shenyang, China
28-30 June 2024

Pages 1-692

IEEE Catalog Number: CFP24JZ5-POD
ISBN: 979-8-3503-8416-1

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IEEE Catalog Number: CFP24JZ5-POD
ISBN (Print-On-Demand): 979-8-3503-8416-1
ISBN (Online): 979-8-3503-6024-0

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PA309	Path planning around submersible based on Bayesian theory Zhe Zhang	**1155**
PA311	Balanced Vehicle Control Based on NMPC-LSTM Yeyi Chen, Qifan Yang	**1162**
PA314	Research on multi-beam deep-sea survey based on geometric mode Fei Rong, Shengcai Li, Yu Liu	**1168**
PA316	The Application of Self-Attention Mechanism in Real-Time Micro-Expression Detection: A Case Study of rt-MESNet Chuhuan Xu	**1173**
PA317	Comparative study of motion artifact removal algorithms Jiedong Nan	**1178**

PA319	Research on Automatic Assembly Technology for Initiating Explosive Device Based on Intelligent Control and Disposable Electronic Components Jianbai Li, Jinsong Liu, Hongguang Zhang, Chuang Liu, Qiang Li, Hongwei Zhang, Jing Li, He Zhu	**1188**
PA320	Design of Legal Judgment Prediction on Knowledge Graph and Deep Learning Fengyun Liu	**1192**
PA321	A high sensitivity capacitive pressure sensor based on inclined column dielectric layer Zijiao Meng	**1196**
PA322	Research on the Secondary Power Optimization Strategy Based on Virtual Oscillator Control Qi Zhang, Zhipeng Wang	**1202**
PA323	Reactive voltage optimization of active distribution network Yuhong Tian	**1208**
PA325	Research on Transmission Line Fault Diagnosis Based on Decision Tree Classification Zhihang Yin	**1213**
PA326	MMCL: Minimalist Multi-Layer Contrastive Learning Recommendation System Qianren Zhang	**1221**
PA327	Multi-Feature Fusion Based Sound Classification Algorithm Yuxuan He, Jingyi Su, Hongshan Shang	**1227**
PA328	Research on Bearings-only Passive Location of UAV Formation Based on Three-circle Positioning Method Hua Yanzhi, Liang Suo, Chen Hui, Yang Xuan	**1234**
PA330	Research on drone path planning problem based on improved sparrow search algorithm Minghao Le	**1242**
PA331	Design and Implementation of New Energy Technology Innovation Panoramic Monitoring System Based on Big Data Mining and Knowledge Graph Computing Yuzhong Zhou, Yuliang Yang, Jie Lin, Zhengping Lin, Jiahao Shi	**1248**
PA333	The Construction of Science and Technology Knowledge Map in New Energy Field under Deep Learning Technology and Its Application to Deep Mining of Innovation Elements Association Yuliang Yang, Jie Lin, Qinghong Wang, Kun Huang, Zhengping Lin	**1253**
PA334	Research on Intelligent Tracking System for Hearing-Impaired Athletes Based on Machine Vision Jiangxiong Jiashi	**1259**
PA335	Design of Financial Risk Warning System Based on AI Algorithm and Deep Learning Wenliang Li	**1264**
PA336	Analysis of Human Resource Intelligent Recommendation Method Based on Improved Decision Tree Algorithm Xiaochen Chen	**1269**

PA339	An Instrument Tone Recognition System Based on Artificial Intelligence and Feature Recognition Zheng Hu	**1274**
PA340	Design of an Online Teacher Training System Based on the Web and Genetic Algorithm Hao Liang, Chen Li, Chang Cui, Xia Ye	**1278**
PA341	Design and Implementation of Edge Computing System Based on Artificial Intelligence Yujin Chen	**1285**
PA342	Research on Prefabricated Building Decision Support System Using Artificial Intelligence and Data Processing Liyan Wang	**1290**
PA343	Dual-diagnostic Method for Depression Patients Based on BERT Model and ViT Model for Audio and Text Analysis Liuqing Wang, Qingning Zhang	**1296**
PA344	Design of the Waste Picking Robotic Arm Based on PID Control Shuyi Elsa He	**1302**
PA345	Design of Adaptive Control System Driven by Artificial Intelligence and Its Application in Industry 4.0 Xiaoqian Wen	**1309**
PA350	Research on the Application of Submarine Intelligent Decision Making Based on Knowledge Graph Gang Xie, Yu Liu, Shuang Huang, Yuanbao Chen	**1314**
PA351	Multi-modal Ship Object Detection in Optical and SAR Images Wang Yong, Li Ling, Tan Xiao, Ji Bing	**1321**
PA353	Application of 5G Communication Technology in Real-Time Monitoring and Remote Control of Gas Reservoir Type Storage Yujuan Liu	**1326**
PA354	Research on Intelligent Aided Diagnosis System of Medical Image Based on Computer Deep Learning Jiajie Yuan, Linxiao Wu, Yulu Gong, Zhou Yu, Ziang Liu, Shuyao He	**1331**
PA356	Research on Early Warning Model of Cardiovascular Disease Based on Computer Deep Learning Yuxiang Hu, Jinxin Hu, Ting Xu, Bo Zhang, Jiajie Yuan, Haozhang Deng	**1336**
PA357	Research on Disease Prediction Model Construction Based on Computer AI Deep Learning Technology Yang Lin, Muqing Li, Ziyi Zhu, Yinqiu Feng, Lingxi Xiao, Zexi Chen	**1341**
PA358	Research on Feature Extraction Data Processing System for MRI of Brain Diseases Based on Computer Deep Learning Lingxi Xiao, Jinxin Hu, Yutian Yang, Yinqiu Feng, Zichao Li, Zexi Chen	**1346**
PA360	Research on Adaptive Scheduling Strategy of Smart Grid Based on Computer Deep Learning Jiale Han	**1352**

PA361	Research on Optimization of Natural Language Processing Model Based on Multimodal Deep Learning Dan Sun, Yaxin Liang, Yining Yang, Yuhan Ma, Qishi Zhan, Erdi Gao	**1358**
PA362	Research on Image Recognition Technology Based on Multimodal Deep Learning Jinyin Wang, Xingchen Li, Yixuan Jin, Yihao Zhong, Keke Zhang, Chang Zhou	**1363**
PA365	Research on the Life Evaluation of Domestically Produced Components Based on Computer Technology Yanfang Liu	**1368**
PA368	Design of an Intelligent System for Sports Motion Recognition Based on Data Analysis Algorithms Qiuling Wu	**1373**
PA369	The Design of Diagnosis Management System for Steam Turbine Lirui Zhang, Xiaoguang Du	**1378**
PA370	Research on Korla Fragrant Pear Grading Method Based on Random Forest and MLP Yingchao Wang, Jiangyu Zhang, Na Li, De'an Huang, Lihao Qin, Shan Sun, Xingxing Xie	**1382**
PA371	Meteorological message information satellite communication transmission model Luling Duan	**1388**
PA372	Development and Application of Intelligent Laboratory Management System Yang Xu, Shunhong Yan, Tongtong Lin, Bolin Chen, Aiguo Dong	**1396**
PA373	Artificial Intelligence Cloud Platform for 5G Era Yue Liu, Peilin Cai, Dong Li, Beibei Zhu	**1401**
PA375	Mechanism analysis and research on the occurrence of faults in the box transformer and inverter integrated unit of photovoltaic power stations Limin Qu, Jian Zhang, Chao Wang, Yuenan Guo, Hang Zhang, Deyang Dong, Shulei Shang, Minhu Xu	**1406**
PA376	Design of Video Monitoring System Based on Edge Computing Hong Yang, Xiong Guo, Chi Zhang, Jingjing Wang	**1411**
PA377	Research on Demand Assessment and Forecasting of Express Service Based on TOPSIS and LSTM Models Yijing Liang, Yanan Chen, Youbang Li	**1415**
PA379	Research on Road Pothole Recognition Based on Deep Convolutional Neural Networks Jing Liu, Hailu Wang, Jianfeng Wei, Jingchang Nan	**1420**
PA380	Optimization Study of Multibeam Seafloor Measurement Efficiency Based on Genetic Algorithm Jia Lu, Zhe Li, Zuchun Li, Yi Chen	**1425**
PA381	Research on Road Pothole Recognition Based on AlexNet Modeling and BP Neural Network Zhengwen Chen, Lihua Wan, Zhengyu Cai	**1431**
PA382	Path Planning and Motion Control of Robotic Arm Based on ROS Wenxin Li	**1435**

PA385	Competition Score Prediction and Analysis Based on Machine Learning Algorithms Caojia Xia, Dingming Shi, Kunhong Li	**1441**
PA386	Momentum Prediction Model of Tennis Matches Based on LSTM and FCNN Ruoxi Ma, Yueling Tang, Yixin Li	**1446**
PA388	BP Neural Network Optimization Considering Computational Resource Constraints Weihan Luo, Zhiyi Li, Fangwei Peng	**1452**
PA389	A study on analyzing the direction of Wordle puzzle results based on ARIMA prediction and Random Forest algorithm Yinqi Shao, Kaining Hui, Yuchen Liu	**1458**
PA391	Athlete Score Prediction and Influencing Factors Analysis Based on SVM, RF and BP Neural Networks Xi Kuang, Chenfei Wang, Zihe Lu	**1465**
PA393	Research on Vulnerability Mining Method Based on Artificial Intelligence in Internet of Things Peiyue Ma, Liehuang Zhu, Chuan Zhang	**1470**
PA394	Development of a Data Platform for the Intelligent Connected Vehicle Industry Chain Based on Elasticsearch Technology Qianlong Feng, Fan Zhang, Qian Ding, Xianglu Yang, Yan Liu	**1474**
PA395	Lake Water Flow Optimization Study Based on NCA Algorithm and SARIMAX Model Yongzhao Sun, Chunyu Xu, Hengyi Lai, Yang Zhang	**1479**
PA397	Research on Negative Emotion Suppression in Higher-order Networks Fuzhong Nian, Chongpei Wang, Duan Zhang	**1486**
PA398	Predicting and Analyzing Match Fluctuations Based on Random Forest Regression Algorithm Yawen Deng	**1490**
PA399	Analysis and Prediction of Competition Fluctuations Based on LSTM Recurrent Neural Network Yuchen Huang, Yuanqi Zhao, Junjie Fu	**1495**
PA400	Improved multi-detection head target detection algorithm for YOLOv8 Xing Zhang	**1500**
PA401	Compositional Study of Ancient Glassware Based on K-mean Cluster Analysis and Logistic Regression Algorithm Zhiting Zhao, Minghao Li, Junhao Deng	**1504**
PA402	A study of tennis momentum factors based on neural network learning and XGBoost regression modeling Miao Wang, Xuwei Xiong, Xiaoyi Yue	**1510**
PA403	Optimization design of building network structure based on artificial intelligence algorithm and data set Xuanhao Ji	**1516**
PA404	Research on Multi-Label Classification of Chinese Text Based on Word-Label Probability and DistilBERT Hong Zhao, Weiquan Tian, Ding An, Shan Mi	**1520**

PA406	Online resources demand prediction for cloud applications by combining ARIMA and Bi-GRU Yukun Zhang	**1525**
PA407	Colon Polyp Image Segmentation Method Based on CNN and Transformer Hong Zhao, Shan Mi, Ding An, Weiquan Tian	**1530**
PA408	The Research of BIM Model Structure and Integration System of Building Electromechanical System Improved by Automatic Control Theory Nie Xinru, Zhang Wei	**1536**
PA410	A Study on Tennis Ball Momentum Prediction Based on Backpropagation Neural Network and Grey Correlation Analysis Qiwei Huang, Quyan Xie, Muze Zhou, Xinchun Zou	**1541**
PA411	Research on Intelligent Elderly Care Monitoring and Prediction Model Based on Deep Learning and 5G Network Xijia Zhang, Miao Li	**1546**
PA414	Short-term Wind Power Prediction Based on SAPSO-BP Neural Network Xiqing Zang, Feng Rao, Jianpeng Zhao, Zhou Shen, Ying Shan	**1551**
PA415	Design and Research of Digital Rural Environmental Information Collection and Classification System Liu Ying, Zhang Wei	**1555**
PA416	Application of Unity simulation system and virtual interactive system in the design of brick making machine Kai Zhang, Jiaxin Jiang, Ye Tian	**1560**
PA418	A study of crew allocation based on a novel heuristic algorithm and simulated annealing algorithm Hong Wang, Jun Xia, Yuqin Song	**1564**
PA419	Establishment of Multibeam Bathymetric Surveying Models and Optimization of Survey Line Paths in Deep Sea Environments Jinlin Zhang, Shiran Liu, Jing Chen, Rui Xia, Jing Ning	**1569**
PA420	Calibration of static system of K-type wire thermocouple Zhaoyu Liu, Haoyang Ma, Tinghao Liu, Liangdong Xu, Yanwei Jiang	**1575**
PA421	Design of Systematic Financial Risk Warning System Based on Integrated Classification Algorithm Guangxia Xu	**1580**
PA423	Design of a University Innovation and Entrepreneurship Project Management System Based on Web and Collaborative Filtering Algorithms Peng Yu	**1586**
PA425	Voltage Level Recognition Method for Substation Live Area Power Equipment Based on Multi-Source Data Fusion Xiaolong Zhang, Jianfeng Tong, Tong Zou	**1591**
PA426	Research on the Application of Improved Genetic Algorithm in the Design of Physical Education Teaching Systems Xue Zhang	**1598**
PA429	Design of Transportation Information Resource Systems Based on Data Mining He Kaini	**1604**

PA430	Design of Student Management System Based on Data Mining Wang Shihui, Zhang Xingbo	**1609**
PA431	A Feature Recognition Algorithm for Automotive Mechanical CAD Models Based on Graph Isomorphism Zhouwu Chen, Zhaofeng Shi, Ping Zhu	**1614**
PA433	Research on English Vocabulary Classification Method Based on Clustering Algorithm Yuan Ting	**1620**
PA434	Design and Development of Operation Monitoring System for Air Supply System of EMU Based on Digital Twin Technology Liu Tai, Dong Wei, Ding Bochuan, Sun Kexin, Yin Jilei	**1625**
PA437	Prediction and Modeling of Reservoir Properties in Ultra-low Permeability Reservoirs with Edge and Bottom Water Based on Deep Learning Jieyou Yang, Hong Liu, Feilong Liu, Huan Yang, Qiu Chen, Dongmei Han	**1630**
PA439	Optimization and Energy Conservation of Heating Systems Based on Big Data and Artificial Intelligence Longchen Wang	**1635**
PA440	Design of Automated English Intelligent Translation System under Machine Learning Hua Chen	**1640**
PA441	Design of English Teaching Resource System Based on Deep Learning Xiaojun Jiang	**1645**
PA443	Research on River Pollutant Detection System Based on Dynamic Simulation Liu Rong	**1649**
PA444	Design and optimization of a student management system based on blockchain technology in district computers Ying Jin	**1654**
PA445	Design and Implementation of an E-commerce Micro Course Teaching Platform System Based on Mobile Terminals Lili Wang, Ye Wang	**1660**
PA447	Design of a College Student Mental Health Assessment System Based on Improved Apriori Algorithm Lanfang Mao	**1665**
PA450	A Dynamic Management Optimization System for Electronic Devices Based on Hybrid Intelligent Algorithms Meng Shusheng	**1670**
PA451	Research on Urban Carrying Capacity Prediction Based on Particle Swarm Optimization and BP Neural Network Zhaorong Chen	**1675**
PA454	Smart pricing and replenishment decision making based on machine learning algorithms Jiacheng Miao	**1680**
PA455	Research on Personalized Recommendation Mechanism of Traffic Virtual Reality Teaching Resources Based on Computer Big Data Mining Songchun Wang	**1686**

PA456	Design and research of vehicle speed simulation based on FARO Zone 3D software Huawei Xie, Xiyu Huang	**1691**
PA458	Enhancing Employee Digital Literacy Prediction: A Novel AG-LOA-based Kernelized Extreme Learning Machine Approach Xiaoding Zhou	**1696**
PA460	Construction and Real Time Update Mechanism of a Multi User Personalized Electricity Consumption Behavior Model under Deep Learning Chen Gao, Shian Zhan, Yinrong Lin, Enguo Zhu, Yan Liu, Xiaohui Zheng, Shouli Hong	**1701**
PA463	English Oral Automatic Translation System Based on Deep Learning Qin Yanhui, Wang Xiuhong, Wu Junzhu, Xu Peiwen	**1706**
PA464	A Real-Time Monitoring Computer Algorithm System for Occlusion of Photovoltaic Panels Developed by Machine Vision Technology Xixing Hu, Weiyan Zheng, Fang Su, Chaoyue Zhu	**1711**
PA465	An Integrated Energy Optimized Scheduling Strategy for VPPs Considering Electric Heating Conversion Ning Wu, Siyang Sun, Jianbin Lu, Shuai Han, Wenchuan Meng, Zaimin Yang	**1717**
PA466	Investigation of the cutting force coefficient predictions based on the BP neural network in slot milling Yang Li, Jinke Gao, Dongyi Li, Ruoxun Fan	**1722**
PA467	Intelligent Insurance Actuarial Model under Machine Learning and Data Mining Leyao Zhou	**1726**
PA468	Research on Real-Time Location of Submersible Based on NSGA-II Algorithm Dongyang Xu, Yunpeng Shi	**1732**
PA470	Race Swing Prediction and Importance Analysis Based on LSTM Recurrent Neural Network and Random Forest Algorithm Haorui Tan	**1737**
PA471	Research on Purely Azimuthal Passive Localization of Drone Clusters Based on Triangulation Intersection Model and Random Deviation Experiment Liangna Fu, Yaobin Zhang, Chenghao Tian	**1742**
PA473	Application and Optimization of Machine Learning-Based Ensemble Learning Methods in Sailboat Valuation Maoqi Tian	**1747**
PA474	Design and Implementation of the Indoor Fire Safety Detection System Based on ARM Jianning Yin	**1753**
PA475	Clinical Nursing Intelligent Interaction System Based on Virtual Augmented Reality Technology Wang Zheng, Yan Xue	**1757**
PA479	Analysis of Badminton Motion Trajectory Algorithm Based on Neural Network Ouyi Yang	**1762**
PA480	Combining Computer Simulation Visualization and Multi-Objective Optimization Algorithm for Urban Light Pollution Research Yuhang Zhang	**1767**

PA481	Study of Heliograph Alignment Based on Particle Swarm Optimization Algorithm and Heuristic Algorithm Junjun Chen, Keying Wu	**1772**
PA483	Wildlife Status Study Based on Intelligent Optimization Algorithm and ARMIA Temporal Prediction Model Xinyu Tong, Yaxuan Li, Menglu Han	**1779**
PA484	Research on Deep Sea Search and Rescue Based on Markov Chain Monte Carlo Method and Hungarian Algorithm Zunyi Yin, Yige Sun, Meng Gu, Haibao Hu, Zonghua Ren, Zhixuan Jin	**1786**
PA485	Research on student movement behavior recognition based on 3D-CNN algorithm Qiuyu Wang	**1791**
PA487	Trading Strategy Based on Long and Short Time Memory Network and Backtesting Qishuo Cheng	**1796**
PA488	Research on intelligent clothing matching recommendation algorithm combining deep learning and image recognition technology Jing Zheng	**1801**
PA490	A Study on Prediction of Match Key Factors and Player Performance Based on LSTM and XGBoost Machine Learning Algorithms Qi Zhong, Yuxiang Zhang, Jia Zeng	**1807**
PA491	Intelligent Terminology Recognition and Translation Memory Optimization in Computer-Aided Translation Jun Liu	**1814**
PA492	Computer-aided Audit Software Based on Fuzzy Clustering Algorithm Yuan Fen	**1820**
PA493	Research on Psychological Stress Recognition Algorithm Based on Computer Deep Learning Xiaoyan Peng	**1824**
PA494	Fault Diagnosis Analysis of Relay Protection System Based on Computer Intelligence Algorithm Xiaoyue Xu, Biao Li	**1828**
PA495	Design of English Teaching Quality Evaluation System Based on Deep Learning and Data Mining Yang Chen	**1833**
PA496	Map Activation Quantization for Image Classification with Limited Data Xiaohui Li, Qi Wu, Wentao Zhang, Zhijun Tan, Ruixuan Wang	**1837**
PA498	TFIDF Text Keyword Mining Method Based on Hadoop Distributed Platform under Massive Data Zheng Dai, Xinping Zhao, Bingtao Cui	**1844**
PA500	A Study of Tennis Match Momentum Based on Markov Chain and Conditional Bayesian Hybrid Models Xuewen Xiang, Jiayin Xiong, Xinjie Cai	**1849**
PA501	Regional Hazard Prediction Model Based on LSTM Recurrent Neural Network and TOPSIS Algorithm Yuxuan Shi, Zhanmin Lin, Binru Lin	**1855**

PA502	A Study of Player Performance Prediction Based on Data-Driven LOGISTIC Test and Multi-Machine Algorithmic Modeling Jinlin Zhang, Renwei Wang, Jiaxin Wu, Jing Ning	**1860**
PA504	Optimal Linear Combination of Heuristic Strategies for 2D Rectangular Bin Packing Algorithms Jipan Huang	**1867**
PA505	Prediction and Analysis of Cardiovascular Diseases Based on XGBoost Yangshan Zhou	**1877**
PA506	Research on prediction model of audience viewing behavior of new media driven by big data Yu Shao	**1882**
PA507	Spatio-temporal prediction analysis of passenger flow in underground transportation project based on improved DFM model Haoxuan Qi	**1887**
PA508	Deep Learning Based Hybrid Vision Method for Tunnel Liner Falling Block Recognition Research Haoxuan Qi	**1893**
PA510	A Study of Predictive Analysis of Community Transportation Demand Based on Gravity Model and Computer Simulation Xuanzeng Yi, Weiyu Tang	**1899**
PA511	Tennis Momentum Study Based on Spearman Correlation Analysis and Random Forest Modeling Yi Tian, Weijia Xian, Aoyuan Zhang, Mei Li	**1904**
PA512	A Study on Momentum Evaluation of Tennis Matches Based on EWM-Topsis Model and LightGBM Algorithm Wangqian Jiang	**1909**
PA513	Research on Tennis Ball Prediction Based on Multilayer Perceptron Model and Support Vector Machine Modeling Dingkun Cao	**1915**
PA515	A Study on Player Performance Prediction Based on LSTM Neural Network and Random Forest Modeling Huanyu Zhu	**1920**
PA516	Research on Train Operation Optimization Based on Simulation and Multi-objective Optimization Models Mingxuan Li, Jianxi Liang, Zixiao Qin	**1925**
PA517	Research on the Acoustic Properties of Sandwich-Type Radial Ultrasonic Transducer Dingxing Hu, Guoping Li, Shuai Zhang, Peilin Li	**1930**
PA519	Research on Evaluation Methods for Angle Precision and Accuracy of Vehicle Mounted Lidar Wen Qinghao, Sun Hang, Liu Jiaoyang, Wu Hanbing, Hu Yue, Wu Dandan	**1935**
PA520	Study on Optimization of Full Flow Test Process of Emergency Feed Pump for Nuclear Power Plant with Automatic Control Technology Qingming Wang, Chao Gao, Xianjun Song, Xiaolei Zhao, Xincai Chang	**1940**
PA521	Sentiment analysis of course evaluation comments in Chinese Ke Li, Fei Hu	**1946**

PA522	Research on Laser Divergence Angle Measurement Method in Free Space for Large Optical Beam Longfei Yu, Xinghua Liu, Ping Tang	**1950**
PA523	Optimization scheduling method for electric vehicle swapping stations based on predictive control Shi Liguo, Hu Yang, Liu Jiyan, Wang Zhelong, Jiang Peng, Xiao Weiqing, Zhong Shaowei, Wang Yuhua	**1956**
PA526	Optimization scheduling method for electric vehicle charging and swapping stations based on elastic load regulation potential Hu Yang, Shi Liguo, Liu Jiyan, Wang Zhelong, Jiang Peng, Liu Yujun, Zhong Shaowei, Yang Ning	**1962**
PA527	Research on Art Design Algorithm of ADKGAN Antique Bowl Bottom Ru Zhang, Zhenhua Guo, Yangfan Xu	**1967**
PA528	Design of Intelligent System for Soccer Motion Recognition Based on Data Analysis Algorithm Erken · Aimaiti	**1973**
PA530	From Passive Access to Intelligent Regulation—Optimization Design of Active Distribution Network Based on Demand Side Response Lin Fan, Tianze Chu, Qianyu Zhang, Xi He	**1978**
PA531	Research on real-time monitoring and early warning system of lightning protection and grounding system based on computer intelligent sensor Jian Liu	**1988**
PA533	Research on Application System of Computer Aided Design in Innovative Design of Intangible Cultural Heritage Clothing Gu Xiaoxue	**1993**
PA534	Research on short-circuit transient process algorithm analysis and simulation of large water turbine generator set Dongyi Li, Chong Li, Guiyin Xiao, Peishuo Guan	**1998**
PA535	Analysis on simulation dynamic process of power regulation of large water turbine generator set Peng Yuan	**2004**
PA536	Simulation research on the principle of permanent magnet motor vector control based on SIMULINK platform Ziyong Dai, Bin Duan, Junsong Wang, Linfeng Chen	**2009**
PA539	Research on Transformer Fault Based on Least Square Support Vector Machine and Kernel Principal Component Analysis Model Yang Chen	**2013**
PA540	Design of camera pan-tilt system for underwater detection robot based on dual-axis motion Chaohui Gai, Zeyu Xu, Chenggang Wang, Zeyu Gao, Qianyu Shi	**2017**
PA541	Exploring Meibomian Gland Dysfunction Grading: A Comparison of Machine Learning and XAI Approaches Congxiao Liang, Mini Han Wang, Haoyang Liu, Kelvin KL Chong	**2021**
PA543	Research Progress on Data Pricing Models for the Data Element Market Shen Xutian, He Jun, Yu Jing, Wang Zhiwei, Wu Jianxiong, Zhang Dengji	**2025**

PA544	Analysis of Typical Thermal Defects of Power Equipment in Western Inner Mongolia Power Grid Sun Lingtao, Song Nan	**2030**
PA545	Research on Key Technology of On-line Monitoring of Mechanical Characteristics of High Voltage Circuit Breaker Wen Xin, Liu Xuefang, Chong Jiali	**2034**
PA546	Selection and Application of Mechanical Characteristics Tester for High Voltage Circuit Breakers Zhao Lei, Dou Bingjie, Chong Jiali	**2039**
PA550	Short-term and Long-term Causal Effect Estimation with Double-head Transformer Yenan Wang, Jiu Chen, Dezheng Li	**2044**
PA551	Research on human resource management and prediction model based on neural network optimized by genetic algorithm Zexuan Qi, Sihan Yang, Xinjian He, Desheng Shi	**2049**
PA552	Image Segmentation and Recognition of Oracle Bone Topographies Based on Deep Learning Zhengen Lv, Yihui Liu, Yunjie Cai, Qi Liu	**2054**
PA553	Research on collaborative test management software for large-scale and complex equipment based on ATML Yu Zhang	**2060**
PA555	A Simple and Effective Method on Extracting Class Activation Map Chunhua Wang	**2065**
PA556	Integration of Geometric and Perceptual Information for Monocular Depth Estimation Shufeng Zhang, Tianjiao Yang, Chenxiang Zhang	**2071**
PA557	Dimension-Agnostic Task-Adaptive Subspace Learning for Few-shot Classification Peng Cui, Long Qin	**2075**