Table of Contents

Research on the Robot Application in View of Aging of Chinese Population
Xiaohong Cheng, Li Qi 1

Hot Events Analysis based on Japanese Corpora processing
WANG Tong, YI Mianzhu 5

A Novel Active Power Control of A Wind Farm
Weidong Xiao, Wenxiang Xia, Ming Xia 11

Research of a Novel Visual Tracking System Based on a Ring Type Piezoelectric Actuator
Xinda Qi, Shengjun Shi, Yingxiang Liu, Huaiyin Xiong, Weishan Chen 18

Water harvesting from atmosphere powered by Solar cells
Shuai Yuan, Songjing Li, Zhiyang Yu1 25

Full-text Retrieval Model Based on Term Frequency and Position Weighting
Zhang Rui, Xie Puzhao, Sun Rui, Yang Luchang, Jiang Feiyue 31

High-speed digital acquisition system based on FPGA
Wang Hailong, Wang Jianye, Liu Yongcong, Zhang Jialiang 39

Research on Dynamic Trust Management and Evaluation Model in Distributed Environment Based on Cloud Computing Environment
Zhao Li 44

Design of Indoor Intelligent Home System Based on Andrews and ZigBee Technology
Chen Hong 49

Research and Practice on English Self-learning Model of Medical Profession Based on MOOC Resources
YANG Zhishang 54

The Study on the Discourse Coherence of Network Language under the Cognitive Framework
YANG ZhiShang 59

Application of Rough Set Theory in Intelligent Information Processing
Haoyue ZHU 64

The Local Outlier Data Mining Algorithm Based on MapReduce and the Associated Subspace
Hong Chen, Wenjiao Wang 68

The Study on the Reliable Cloud Computing Safety Strategy Based on the Cloud Computing Environment
Zhao Li 73

Application of ZigBee and Speech Recognition in Intelligent Home System
Chen Hong 78
Effects of authentic leadership on organizational citizen behaviors of employees -- with workplace spirituality as a mediator
Ke Jianglin, Zheng Lujian, Yuan Dongxue 83
Research on the Stability Effect of Financial Revenues and Expenditures of Transfer Payments in Minority Regions
HE Chongqi 89
Research on the Construction of Intelligent Comprehensive Training Room of Cross-border Electronic Commerce
GU ShanYu, LIU Xiao, LI Bing 93
Research on Digital Representation of Traditional Cultural Inheritance in the Internet Plus Era
WANG Fei 99
Research on Teaching Evaluation System in Big Data Environment
ZHOU Rui-ling 105
Study of Problems and Countermeasures in Public Recruitment of Business Units in the InternetEra
Xiaoling Li, Chengqing Yu 111
The Design and Realization of Electronic-controlled Engine Fault Diagnosis Help System Based on Android
HAO BaoLan, DOU lei 117
The Automated Test Case Design and Realization of Smart TV Operating System Based on TVOS
FU Rui, ZHAO LiangFu, Zhang DingJing, LI Zheng, BAI Wei 122
Study on the Diversified Innovative Entrepreneurship Education Model of Colleges and Universities under the Background of Internet +
Wang wei 127
Analysis of special features and training methods of Dragon Boat Sports in Colleges and Universities
Hong-chun Jia, Song-bo He, Kai-li Ren, Yun-peng Hu 132
Study on the promoting role of dragon boat movement in cultivating college students' team consciousness
Hongchun Jia, Songbo He, Shiyang Ding, Zhouwei Yao 135
DCN prevent metastasis of HepG2 cells by elevating the expression of TGF-β and P15
YANFENG LIU, XUESONG WANG, WENBO JU, DAWEI WANG 138
The fusion of Dragon Boat Sports and sports tourism operators The Belt and Road Initiative
Hong-chun Jia, Song-bo He, Ying-yu Miao 142

The Application Research on the Computer Virtual Technology and Modeling Technology in the Sports Movement Simulation
Guo sheng 146
The Constraint-based Computer Editing Techniques of the Athlete Action Image
Guo Sheng 150
College students "peer support" education mode
Xin-Hua YAO, Yun-Heng ZHENG 154
Research on the coordinated development of Beijing-Tianjin-Hebei and the upgrading path of manufacturing industry
XIA Dang 157
A Discussion on the Railway Bill's Property of the Document of Title
GaoRuiqi 164
The Combining Interactive Mode of EGP and ESP
ZHANG Li-hong 168
WNN Nonlinear Modeling Method Based on Heuristic RS Attribute Reduction Algorithm and Its Application
Gan Xusheng, Qu Hong, Han Jun 171
Image Recognition Algorithm and Sharpness Evaluation Based on Edge Width Detection
Yu Yuan, Yansong Deng 178
Dispatching and Optimal Operation of Power Grid Based on Smart Grid Dispatching
Denghui Cheng 187
The Deviation of Rural Teachers' Self Cognition and the Implementation of Teaching Decision Making in Guangdong
Li Jingjing 191
Fault Diagnosis of Transformer for Auxiliary Power Supply of Photovoltaic Micro Inverter
Liu Hongjun, Guo Jinran, Zhang Jiyue, Yang Han 195
Multi-Core SVM Fault Diagnosis Of Electrical System Based on Dimension Directed Factor Graph
Liu Hongjun, Guo Jinran 202
Teaching Strategies of Innovative Talents Training in Colleges and Universities Based on AHP
Zhichao Zhao, Tiefeng Wu, Xiaodi Ding, An Wang 208
Design of Collaborative Learning Education Model Based on Educational Data Interactive Information
Kaitao Gao 212
RFID Signal Reconstruction of Internet of Things Based on Compressed Sensing
Li Fen, Pan Xuefeng, Meng Gang 217

Research on the Development Status of International Fashion Design and Engineering Major in the Information Technology Age
Jun YIN 221