## **Table of Contents**

Design and Implementation of Foreign Object Detection Method in Urban Rail Train Driving	1
Zhang Zhuxi, Wang Fei	
A Controller with an Extended State Observer in Aerial Camera Position-angle System	6
Hansen Li, Yong Wang	
The Flow Experience of MOOC Learners and Their Influencing Factors	10
Hu Zhihai, Lu Jun	
A New Method for Calculating Modeling Errors of Archimedes Hobs	13
Li Xue, Wang Guicheng	
An Efficient and Privacy-preserving Ranked Fuzzy Keywords Search over Encrypted Cloud Data	17
Xianglai Yang, Jianmei Cao, Youjie Wang	
A Hybrid Privacy Preserving against Multi-attacks for Network Data Publication	23
Jianmei Cao, Xianglai Yang, Youjie Wang	
Bluetooth Indoor Micro-positioning System based on Gaussian Filtering and Elman Neural Network	28
Wang Xiaotian, Mao Yongyi	
Studies on Rich Media and Related Knowledge Organization	34
Zhang Yunliang, Wang Li	
Research and Construction of Supply Chain Information Quality Index System based on PSP/IQ Model	38
Fan Shuhai, Lv Qingwen, Wei Xia, Zhao Lingling, Xu Wenhao	

Overview of Comprehensive Information Quality Management under Mass Customization	42
Fan Shuhai, Zhao Lingling, Ren Mengmeng, Lv Qingwen, Xu Wenhao	
The Design and Applications of Flexsim/JMP based Quality Simulation for Mass Customization	46
Fan Shuhai, Xu Wenhao, Chen Siyu, Lv Qingwen, Zhao Lingling	
Context-aware Music Recommendation Based on Word2Vec	50
Yijie zhou, Pei Tian	
Dynamic Access Control Model based on User Trust for Radio and Television Monitoring System	55
Wenqing Shi, Pei Tian	
<b>Evaluation Model on the Usage of Java Project Deployment Tool in Open Source Community</b>	59
Chengrong Yang, Hao Li, Yan Kang, Chenyang Lu, Junsong Liu	
Based on Difference Method of the Light Color Image Motion Target Recognition Technology	64
Wang Fang, Li Peng	
Research of Improved Tissue-like P System for Solving Satisfiability Problem	67
Huang Yourui, Ge Pingping, Xu Jiachang, Tang Chaoli	
Impact of Congestion Management Mechanism on Contract Revenue of Generator	72
Liu Jun, Ding Jie, Huang Weiqun, Zhou Yuan, Sun Renjie	
A Novel MapReduce Framework for Improving Security of Cloud Computing	76
Junyi Deng, Yanheng Liu, and Jian Wang, Lin Li	
Security of vehicular cloud computing: A very short review	80
Junyi Deng, Yanheng Liu, and Jian Wang, Lin Li	
The Impact of Social Media Big Data on Organizations	85
Yi Zhang, Lijun Chen, Xiaoru Chen	

Polysilicate Aluminum Ferrite Coagulant Dyeing Wastewater Treatment Simulation and Computer Simulation Research	91
Juan Tan, Yanzhen Yu	
Security Architecture of Wireless Private Networks for Smart Grid	95
Bin Yang, Yue Hou, Yefeng Zhang, Shiying Feng, Yong Zhang	
Robot Path Planning based on an Improved Q-learning Method	99
Hu Xiaomei, Xu Jun, Chai Jianfei	
Structural Design of Agaricus bisporus Picking Robot based on Cartesian Coordinate System	103
Sun Chenzhe, Hu Xiaomei, and Yu Tao, Lu Xiangyu	
Implementation of High-throughput PCIe based on FPGA and PowerPC	107
Kun Cheng, Shengkai Liao, Qi Shen, Chengzhi Peng	
A Robust Star Identification Algorithm with Multi-resolution Radial Pattern and Its Hardware Implementation	112
Qiang Wu, Zuwu Zhu, Xin Zheng	
Personal Privacy Protection Scheme Based on Blockchain Technology	116
Liang Cai, Jianping Chen, Tao Xu, Wanzhi Wen	
Properties of the Liquefied Natural Gas Waterway terminals Networks base on the Betweenness Centrity	120
Di Cui	