

JOURNAL OF COMPUTERS

ISSN: 1991-1599 Volume 30 Number 3 June 2019

CONTENTS

Automatic Extraction of Fuzzy and Touching Leukocyte Using Improved FWSA K-means in Peripheral Blood and Bone Marrow Cell Images	1
<i>Li-Qun Lin, Wei-Xing Wang</i>	
Application of Grey-Markov Chain Model in Software Reliability Prediction	14
<i>Gul Jabeen, Xi Yang, Ping Luo, Sabit Rahim</i>	
The Implementation of a Secret Information Hiding Framework Based on Hash Function and Invisible ASCII Characters Replacement	28
<i>Er-Zhou Zhu, Zhu-Juan Ma, Hui Sun, Feng Liu</i>	
Distributed Implementation of Iterative Kalman Filter Localization with Taylor Expansion for Wireless Sensor Networks	44
<i>Yue-Jiao Wang, Zhong Ma, Xue-Han Tang</i>	
IM-MobiShare: An Improved Privacy Preserving Scheme Based on Asymmetric Encryption and Bloom Filter for Users Location Sharing in Social Network	59
<i>Lin Teng, Hang Li, Shoulin Yin</i>	
Influence of Multiple Tags' Distribution on the Reading Performance of RFID-MIMO System Based on CRB	72
<i>Xiao-lei Yu, Xiao Zhuang, Yin-shan Yu, Zhi-min Zhao</i>	
Research on Weibo Public Opinion Prediction Using Improved Genetic Algorithm Based BP Neural Networks	82
<i>Fang-Min Yin, Hua-Hu Xu, Hong-Hao Gao, Min-Jie Bian</i>	
A Spatio-Temporal-Contour-Consistency-Based Shape Tracking Framework from Multi-View Video	102
<i>Chu-Hua Huang, Jin Qin, Zhi Li</i>	
An Emotion Feature Highlighting Method for Sentiment Analysis of Social Media Text	117
<i>Zi-Qiang Shen, Tao Song, Qi-Rong Mao, Zhen Jiang</i>	
An optimized Speculative Execution Strategy Based on Local Data Prediction in Heterogeneous Hadoop Environment	130
<i>Dan-Dan Jin, Qi Liu, Xiao-Dong Liu, Nigel Linge</i>	

Research on The Location Planning and Optimization of Express Delivery Service Based on Probabilistic Model Checking: A Computing and Improvement Perspective	143
<i>Yonghua Zhu, Xiaoyi Xue, Kai Zhang, Shunyi Mao</i>	
A Novel Fuzzy Clustering Approach Based on Breadth-first Search Algorithm	162
<i>Ying Zhang, Li-li Zhai, Muhammad Shahbaz</i>	
Research on the Co-opetition Relationship of a Closed-loop Supply Chain Based on Private Information Leakage	176
<i>Pan Liu, Shu ping Yi, Yue Long</i>	
Efficient and Rational Multi-criteria Group Decision Making Method Based on Vague Set Theory	192
<i>Kuo-Sui Lin</i>	
Efficient Predictive Structure Algorithm for MV-HEVC	205
<i>Tao Yan, In-Ho Ra, Lin-Yun Huang, Min-Hang Weng</i>	
A Non-central Point Sound Field Reconstruction Method for 22.2 Multichannel System	213
<i>Song Wang, Cong Zhang, Han-Chieh Chao, Heng Wang</i>	
A DD-means Clustering Algorithm for Intrusion Behavior Analysis	224
<i>Yongxin Feng, Yingyun Kang, Yuntao Zhao, Wenbo Zhang</i>	
Research on the Synergetic Algorithm of Linear Permanent Magnet Motor	231
<i>Jinzi Li, Jiongran Xiao, Jianfei Pan</i>	
Human Resource Allocation Management Based on Network Data Quality	243
<i>Meilan Guo, Bei Li</i>	
Data Analysis Ability of Data Mapping in Business Circulation Statistics	252
<i>Yu Guan</i>	
Stock Selection in Investment Management of Commercial Stock Market: Prediction by Data Mining	260
<i>Qun Wang, Xiaoyu Hu</i>	
A Portable Sketching Robot Based on Artificial Intelligence	269
<i>Yunxiu Xu, Bingxia Shen, Shan Luo, Mi Zhao and Xinghan Li</i>	
Nursing Robot Safety Path Planning Based on Improved A Star Algorithm	282
<i>Hongjiang Yu, Xingang Miao, Su Wang, Yawei Hu</i>	
High-accuracy 3D indoor Positioning Algorithm Based on P440 Ultra-wideband Ranging and Communication Module	290
<i>Hui Liu, Xu Zhang, Lei Zhang, Lei Pang, Fang Li</i>	
A Survey of Segmentation Algorithms Based on ITK	305
<i>Zhen-Huan Zhou, Xiao-Jun Wen</i>	
The Research on Computer Network Security Defense System Based on GABP Neural Network Algorithm	314
<i>Han Feng</i>	
Design of a Control system Based on Beck Hoff TwinCAT Nursing Robot	320
<i>Xuedong Li, Xingang Miao, Su Wang</i>	