

Table of Contents

| | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|
| A Resource Searching Approach Based on Binary Tree | 1 |
| <i>Wang Bailing, Yao Junliang, He Hui, Liu Yang, Qu Yun</i> | |
| An Efficient Recovery Algorithm for Coverage Hole in WSNs | 5 |
| <i>Song Jia, Wang Bailing, Peng Xiyuan</i> | |
| Study on State of Charge Estimation of Batteries for Electric Vehicle | 10 |
| <i>Haiying Wang, Shuangquan Liu, Shiwei Li , Gechen Li</i> | |
| Multi-segment identification method for multi-sensor multi-channel ARMA signal..... | 15 |
| <i>Mingbo Zhang</i> | |
| Design of the Control System of Automatic Blood Component Fractionation Machine | 19 |
| <i>He Hui, He Yan-Ping, Wang Bai-Ling, Yao Yu-Feng</i> | |
| A Modified Denoise Approach for UCA DOA Estimation in Low SNR Case | 23 |
| <i>Yuguan Hou, Lingfeng Chen, Yiyi Shen</i> | |
| The Chinese Spam Keyword Filtering based-on the Maximal Independent Set .. | 27 |
| <i>HaiLong Wang, FanJun Meng, HaiPeng Jia, JinHong Cheng, Jiong Xie</i> | |
| The Verification Algorithm For Gateway Rules Based on Dual-Protocol | 31 |
| <i>Li Zhou, Liangyi Gong, Xin Zou</i> | |
| A Bioinformatics Analysis of aCGH data for Chronic Obstructive Pulmonary Disease | 37 |
| <i>Lin Hua, Ping Zhou, Zheng Yang, Li An</i> | |
| Identification of different phenotypes of breast cancer based on two-step selective clustering analysis of gene expression profiling of several signal transduction, Immune and metabolic pathways..... | 41 |
| <i>Zhao-qi Wang, Ping Chen, Hong Xia, Ping Zhou</i> | |
| A Novel Extreme Point Selection Algorithm in SIFT | 45 |
| <i>Ding Zuchun</i> | |

| | |
|--------------------------------------------------------------------------------------------|----|
| A Digital Character Recognition Algorithm Based on the Template Weighted Match Degree..... | 53 |
| <i>Mo Wenying, Ding Zuchun</i> | |
| Parallel network simulation scheduling algorithm oriented towards multi-task... | 61 |
| <i>Xiangzhan Yu, Qinghai Yang, Dongbin Wang</i> | |
| Securing Smart Grid and Embedded Systems against Cyber Attacks – Review.. | 65 |
| <i>Yvette E. Gelogo, Tai-hoon Kim</i> | |