

- 1 **The Advanced Analysis of Digital Traces Recoverability of WhatsApp Program on MacBook**  
Ai Sun ; Yueh-Min Huang ; Hai-Cheng Chu  
WhatsApp ; Instant message ; Digital evidence of MacBook ; Social network ; Physical memory acquisition
- 2 **Design and Implementation of a Novel Location-Aware Wearable Mobile Advertising System**  
Li-Der Chou ; David Chunhu Li ; Wei-Sheng Chen ; Yao-Jen Chang  
Location-aware ; Mobile ; Wearable ; Electronic paper ; Application
- 3 **A Chaotic Maps Based Key Agreement and User Anonymity Protocol without Using Smart Cards and Symmetric Key En/Decryptions**  
Chun-Ta Li ; Cheng-Chi Lee ; Chi-Yao Weng  
Chaotic maps ; Key agreement ; Password authentication ; Non-smart card ; User anonymity
- 4 **An AP-Based Shilling Attack Detector for Collaborative Filtering Recommendation Systems**  
Qingxian Wang ; Meng Wan ; Mingsheng Shang ; Shimin Cai  
Collaborative filtering ; Shilling attack detection ; Affinity propagation clustering ; Collective level
- 5 **A Reliably Dynamic User-Remote Password Authentication Scheme for Medical Environments**  
Kuo-Kuang Huang ; Zhen-Yu Wu  
Medical ; Information privacy ; Password-based authentication scheme ; Off-line password guessing attacks ; Denial of service attacks
- 6 **Formally Modeling and Analyzing the Adaptive Resource Management for Cloud Applications**  
Liqiong Chen ; Guisheng Fan ; Huiqun Yu  
Cloud computing ; Resource management ; Adaptive ; Petri nets ; Reflection mechanism
- 7 **A New Ant Algorithm for Optimal Service Selection with End-to-End QoS Constraints**  
Dac-Nhuong Le  
Service selection ; E2E QoS constraints ; QoS-aware ; Min-max ant system
- 8 **A Selection Mechanism for Multiple Error Concealment Techniques in Scalable Video Coding**  
Kuei-Chien Tsai ; Gwo-Long Li ; Mei-Juan Chen ; Chih-Hsuan Yeh  
Error concealment ; Frame loss ; Scalable video coding

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9 **Performance Evaluation of Desktop Search Engines Using Information Retrieval Systems Approaches**

Shah Khusro ; Shaukat Ali ; Iftikhar Alam ; Irfan Ullah

Desktop search ; Information retrieval ; Recall ; Precision

10 **An Efficient Cluster Head Election Algorithm for Client Mesh Network Using Fuzzy Logic Control**

Adebanjo Adekiigbe ; Abdulghani Ali Ahmed ; Ali Safaa Sadiq ; Kayhan Zrar Ghafoor ; Kamalrulnizam Abu-Bakar

Clustering ; Client nodes ; Fuzzy score ; Traffic delivery capacity ; Cost of service