

1 **QoS Aware for Peer Selection on P2P Streaming Services**

Sinchai Kamolphiwong ; Supitchaya Chanpong ; Thossaporn Kamolphiwong

Peer-to-peer streaming ; Quality of service evaluation ; Neighbor selection algorithm ; P2P IPTV

2 **Anonymous Authentication and Key-Agreement Schemes in Vehicular Ad-Hoc Networks**

Cheng-Yeh Chen ; Te-Cheng Hsu ; Hsin-Te Wu ; John Y. Chiang ; Wen-Shyong Hsieh

Anonymous authentication ; Chameleon hashing ; ID-based encryption (IBE) ; Key agreement ; Vehicular ad hoc network (VANET)

3 **Detecting Cache-Based Side Channel Attacks in the Cloud: An Approach with Cascade Detection Mode**

Si Yu ; Xiaolin Gui ; Xuejun Zhang ; Jiancai Lin ; Min Dai

Cloud computing ; Virtualization ; Information security ; Side channel attacks ; Attack detection

4 **Dynamical Multicast Light-Tree Construction in Intra-Datacenter Networks with Fast Optical Switching**

Wan Tang ; Ximin Yang ; Jingcong Li ; Zilong Ye

Datacenter network ; Multicast communication ; Optical switching ; Labeled optical switching with home-circuit (LOBS-HC) ; Light-tree

5 **A Variable Threshold-Value Authentication Architecture for Wireless Mesh Networks**

Ping Guo ; Jin Wang ; Xue Hua Geng ; Chang Seob Kim ; Jeong-Uk Kim

Wireless mesh networks ; Lightweight certification ; Threshold signature ; Authentication

6 **Guest Editorial: Knowledge Management and Big Data Analytics**

Chi-Hung Chi ; Chen Ding ; Qing Liu

7 **A Software Framework for Efficient IoT Contexts Acquisition and Big Data Analytics**

Moon Kwon Kim ; Hyun Jung La ; Soo Dong Kim

IoT ; Contexts ; Big data ; Analytics

8 **Sparse Ranking Model Adaptation for Cross Domain Learning to Rank**

Feiyi (Aaron) Tang ; Jing He ; Yong Tang ; Zewu Peng ; Luyao Teng

Learning to rank ; Information retrieval ; Ranking SVM ; Transfer learning ; Sparse ranking model

9 **Efficiently Comparing Provenance for Knowledge Discovery**

Jiuyang Tang ; Xiang Zhao ; Bin Ge ; Weidong Xiao ; Haichuan Shang

Provenance ; Similarity comparison ; Edit distance ; Depth-first search

10 **Item Attribute-Aware Probabilistic Matrix Factorization for Item Recommendation**

Yonghong Yu ; Can Wang

Recommender systems ; Matrix factorization ; Item attribute information ; Cold start problem