

1 **Survey on Networking for Internet of Vehicles**

Bo-Chao Cheng ; Chun-Ting Chou ; Chia-Hsuan Chang ; Kuo-Hsuan Lo ; Phone Lin ; Russell To Hsing
Internet of vehicles ; Wireless access ; Routing ; Security ; Privacy

2 **A Hole Avoiding Routing Protocol Using a Relative Neighborhood Graph for Wireless Sensor Networks**

Chih-Hsiao Tsai ; Ying-Hong Wang ; Liang-Yi Lee
Wireless sensor network ; Hole detection ; Relative neighborhood graph ; Hole avoiding routing

3 **GPU Application on Multi-Pattern Matching of Network Intrusion Detection**

Richard Chun-Hung Lin ; Yu-Hsiu Huang ; Cheng-Yi Lin ; Ying-Chih Lin
GPU ; Wu-Manber ; Aho-Corasick ; IDPS ; Network security

4 **A Traceable and Fair Transaction Mechanism for Digital Rights Management on P2P Networks**

Yi-Ju Lin ; Hung-Wen Yang ; Chou-Chen Yang ; Woei Lin
Peer-to-Peer networks ; Digital rights management ; Copyright ; Information security

5 **Traffic Congestion Detecting Based on Cellular Network**

Zhe Guo ; Ben-Xiong Huang ; Fu-Rong Wang ; Lai Tu
Road monitoring ; Traffic congestion detecting ; Cellular localization ; Tracing

6 **Network Virtualization Implementation over Global Research Production Networks**

Mon-Yen Luo ; Jim Chen ; Joe Mambretti ; Shang-Wei Lin ; Fei Yeh ; Pang-Wei Tsai ; Chu-Sing Yang
Network testbed ; Network virtualization ; Cloud

7 **A Timeliness-Aware Retransmission Mechanism for Partially Reliable Transport Protocols to Enhance Performance of Multimedia Applications**

Ching-Neng Lai ; Yuan-Cheng Lai ; Yen-Hung Chen ; Jian-Wei Lin ; Yu-Chin Szu
Timeliness-aware retransmission ; Multimedia applications ; Partial reliability

8 **Low Complexity Fast Search Method for MP-MLQ and ACELP in G.723.1 Codec**

Rong-San Lin
G.723.1 ; Low computation ; Twin multi-track ; DCT ; Internet

9 **Resource Allocation and Pricing Mechanisms for Wireless Multimedia Service: Auction and Bargaining Models**

Kwang-Sup Shin ; Jae-Yoon Jung ; Jang-Rea Lee
Auction model ; Bargaining model ; Pricing mechanism ; Resource allocation ; Wireless multimedia service

10 **LC-CloudTV: A Low-Cost Cloud-Based IPTV Platform with SVC Technology**

Hong-Yi Chang
Cloud computing ; P2P ; Scalable video coding ; Resource management ; Live video streaming