

# Journal of Advances in Computer Networks

## CONTENTS

---

### Volume 1, Number 4, December 2013

- Analysis of Location Variability for Wireless Infrared Channel in Inbuilding Environment.....276  
*Prakash H. Patil and Dilip D. Shah*
- A Survey of Trust Based Routing Protocols in MANETs.....280  
*Deepika Kukreja, Umang Singh, and B. V. R. Reddy*
- Dynamic Programming for Minimal Cost Topology with Reliability Constraint.....286  
*Basima Elshqirat, Sieteng Soh, Suresh Rai, and Mihai Lazarescu*
- Cloud Server Management Method with Random Remote Backups.....291  
*Kim Song-Kyoo*
- Distributed Compressive Data Aggregation in Large-Scale Wireless Sensor Networks.....295  
*Tsung-Yi Tsai, Wei-Chi Lan, Chunlei Liu, and Min-Te Sun*
- Research on the Key Technology and Method of Indoor Localization Based on WLAN.....301  
*Zhe Chen, Yanxiang He, and Wenxue Yang*
- A Rule-Base Approach for WSN Application Development in a Cloud Environment.....306  
*Saymon Castro de Souza, Jos é Gonçalves Pereira Filho, and Eug ênio Fraga Spessimille*
- Evaluation of Data Collection Capability in a Large-Scale Smart Metering System Based on Receiver-Driven Multihop Communication.....310  
*Masashi Sugano, Taichi Shimizu, and Naoki Wakamiya*
- Data Evacuation for Wireless Sensor Networks in Disaster Areas.....315  
*Xiaomin Wang, Ming Liu, and Bang Liu*
- Application of the Modified 2-OPT and Jumping Gene Operators in Multi-Objective Genetic Algorithm to Solve MOTSP.....320  
*Rohan Agrawal*
- Review of Mobile Macro-Payment Schemes.....323  
*Tan Soo Fun, Leau Yu Beng, and Mohd Norhisham Razali*
- Grid-Based Data Aggregation for Wireless Sensor Networks.....329  
*Neng-Chung Wang, Yung-Kuei Chiang, Chih-Hung Hsieh, and Young-Long Chen*
- Applications for Improving Geographic Routing Paths in Wireless Sensor Networks.....334  
*Young-Long Chen, Wei-Jun Ding, Yung-Chi Chang, and Neng-Chung Wang*
- Handover Adaptations for Load Balancing Scheme in Macrocell/Femtocell LTE Network.....339  
*Azita Laily Yusof, Norsuzila Ya'acob, and Mohd Tarmizi Ali*
- RFID Based Navigation for Tourists.....343  
*Sibani P. Senji and Nethra Priyadarshini J.*

