ISSN Print: 2074-9090, ISSN Online: 2074-9104 Volume 6, Number 6, May 2014

International Journal of

Computer Network and Information Security



Http:// www.mecs-press.org



International Journal of Computer Network and Information Security (IJCNIS)

ISSN Print: 2074-9090, ISSN Online: 2074-9104

Volume 6, Number 6, May 2014

Contents

REGULAR PAPERS	
Energy Conservation for Ad Hoc On-Demand Distance Vector Multipath Routing Protocol Omar Smail(Member IEEE), Zoulikha Mekkakia, Belhadri Messabih, Rachida Mekki, Bernard Cousin	1
Improved Anonymization Algorithms for Hiding Sensitive Information in Hybrid Information System <i>Geetha Mary A, D.P. Acharjya, N. Ch. S. N. Iyengar</i>	9
GAFBone: A New Backbone Construction for Increasing Lifetime in Wireless Sensor Networks Leily A.Bakhtiar, Somayyeh Jafarali Jassbi	18
Secure and Fast Chaos based Encryption System using Digital Logic Circuit Ankur A. Khare, Piyush B. Shukla, Sanjay C. Silakari	25
A Detailed Analysis of Grain family of Stream Ciphers Mohammad Ubaidullah Bokhar, Shadab Alam, Syed Hamid Hasan	34
The Rating Mechanism for the Trusted Relationship Establishment for the Security of the Distributed Computer Systems *Vadym Mukhin**	41
Scrum and Temporal Distance-Based Global Software Development Asmaa Fowzi Alotaibi, M. Rizwan Jameel Qureshi	48
Comparative Performance Analysis of AODV and AODV-MIMC Routing Protocols for Mobile Ad hoc Networks <i>P.Periyasamy, E.Karthikeyan</i>	54