ISSN: 2395-0455
Volume 9, Issue 5, September - October (2022)

International Journal of Computer Networks and Applications

EverScience Publications

ISSN: 2395-0455
Volume 9, Issue 5, September - October (2022)

International Journal of Computer Networks and Applications (IJCNA)
Volume 9, Issue 5, September - October (2022) ISSN (Online): 2395-0455

Contents

Regular Papers	Page No
Multi-Criteria Optimization Based VM Placement Strategy to Mitigate Co-Location Risks in Data Centers Nelli Chandrakala, Vamsidhar Enireddy	510
A Trust-Based Design for Secure and Quality of Service Routing in Mobile Ad Hoc Networks G. Sripriya, T. Santha	522
Region Based Secured Data Transmission Protocol for Wireless Sensor Network Ashok Kumar R, R. Kannan	533
Optimal Route Selection Using Hill Climbing Based Red Deer Algorithm in Vehicular Ad-Hoc Networks to Improve Energy Efficiency Koppisetti Giridhar, C. Anbuananth, N. Krishnaraj	545
Hypervisor Attack Detection Using Advanced Encryption Standard (HADAES) Algorithm on Cloud Data R. Mangalagowri, Revathi Venkataraman	555
Energy Efficient Device to Device Data Transmission Based on Deep Artificial Learning in 6G Networks Varadala Sridhar, S. Emalda Roslin	568
Towards an Adaptive Routing Protocol for Low Power and Lossy Networks (RPL) for Reliable and Energy Efficient Communication in the Internet of Underwater Things (IoUT) R. Saravanan, T. Sakthivel, P. Karpagam, K. Gunasekaran	578
Hybrid Optimization-Based Efficient Routing Protocol for Energy Consumption Minimization in Mobile Wireless Sensor Network V. Veerakumaran, Aruchamy Rajini	591
Survey and testing of the IoT Cybersecurity Framework Using Intrusion Detection Systems Carmen Beatriz Espinosa Garrido, Sandra Sendra Compte, Luis Rosales Roldan, Alejandra Aldrette Malacara	601
QSIH: Design of a Novel QoS-Aware Sidechain-Based IoT Network Design for Secure Healthcare Deployments Pooja Mishra, Sandeep Malik	624

Deft Particle Swarm Optimization-Based Routing Protocol (DPSORP) for Energy Consumption Minimization in Mobile Ad-Hoc Network 641

S. Preema, M. Thilagu

Improved Performance of Cloud Networks Using Chaotic Black Widow Optimization Algorithm 653

Alaa Mokhtar, Hegazy Zaher, Naglaa Ragaa, Eman Mostafa