

ISSN Print: 2074-9090, ISSN Online: 2074-9104
Volume 15, Number 6, December 2023

International Journal of

Computer Network and Information Security

Vol.15

No.6 Dec. 2023

IJCNIS Vol.15

[Http:// www.mecs-press.org](http://www.mecs-press.org)

Vol.15 No.6 December 2023



Contents

REGULAR PAPERS

Classification of HHO-based Machine Learning Techniques for Clone Attack Detection in WSN <i>Ramesh Vatambeti, Vijay Kumar Damera, Karthikeyan H., Manohar M., Sharon Roji Priya C., M. S. Mekala</i>	1
Evaluation of WATERMARK Channel for Underwater Communication using Dual Tree Complex Wavelet Transform based Orthogonal Frequency Division Multiplexing Model <i>Girish Nanjareddy, Veena M. Boregowda, Naeem Maroof</i>	16
An Optimized Authentication Mechanism for Mobile Agents by Using Machine Learning <i>Pradeep Kumar, Niraj Singhal, Mohammad Asim, Avimanyou Vatsa</i>	30
A Cryptographic based I2ADO-DNN Security Framework for Intrusion Detection in Cloud Systems <i>M. Nafees Muneera, G. Anbu Selvi, V. Vaissnave, Gopal Lal Rajora</i>	40
Improvising QoS through Cross-Layer Optimization in MANETs <i>Surabhi Patel, Heman Pathak</i>	52
Network Traffic Prediction with Reduced Power Consumption towards Green Cellular Networks <i>Nilakshee Rajule, Mithra Venkatesan, Radhika Menon, Anju Kulkarni</i>	64
DAPSK – OFDMA PON Based Heterogeneous Optical Network <i>Priyadharshini R., Geetha G.</i>	78
Energy Based Route Prioritization for Optimum Multi-path Selection <i>Swati Atri, Sanjay Tyagi</i>	89
The Security of Blockchain-based Electronic Health Record: A Systematic Review <i>C. Eben Exceline, Sivakumar Nagarajan</i>	103
