



















- [3] Ting-Yi Chang; Min-Shiang Hwang, Wei-Pang Yang, "A Communication-Efficient Three-Party Password Authenticated Key Exchange Protocol," *Information Sciences*, vol. 181, pp. 217-226, 2011.
- [4] Teng Lin, Hang Li and Shoulin Yin. "Modified Pyramid Dual Tree Direction Filter-based Image Denoising via Curvature Scale and Non-local mean multi-Grade remnant multi-Grade Remnant Filter," *International Journal of Communication Systems*, vol. 31, no. 16, November, 2018.
- [5] Jung-Wen Lo, Ji-Zhe Lee, Min-Shiang Hwang, Yen-Ping Chu, "An Advanced Password Authenticated Key Exchange Protocol for Imbalanced Wireless Networks," *Journal of Internet Technology*, vol. 11, no. 7, pp. 997-1004, Dec. 2010.
- [6] Jie Liu, Shou-Lin Yin, Hang Li and Lin Teng. "A Density-based Clustering Method for K-anonymity Privacy Protection," *Journal of Information Hiding and Multimedia Signal Processing*, vol. 8, no. 1, pp. 12-18, January, 2017.
- [7] Peng L, Chen Z, Yang L T, et al. "Deep Convolutional Computation Model for Feature Learning on Big Data in Internet of Things," *IEEE Transactions on Industrial Informatics*, vol. 14, no. 2, pp. 790-798, Feb. 2018
- [8] Hang Li, Shou-Lin Yin, Chu Zhao and Lin Teng. "A Proxy Re-Encryption Scheme Based on Elliptic Curve Group," *Journal of Information Hiding and Multimedia Signal Processing*, vol. 8, no. 1, pp. 218-227, January 2017.
- [9] Boneh D, Lynn B, Shacham H. "Short Signatures from the Weil Pairing," *International Conference on the Theory and Application of Cryptology and Information Security*, Springer, Berlin, Heidelberg, pp. 514-532, 2001.
- [10] Huang Z, Guo Y. "An efficient certificate-based signature scheme with bilinear pairing," *Journal of Jiangsu University*, vol. 34, no. 3, pp. 320-325, 2013.
- [11] Dong Q, Li X, Liu Y. "Two extensions of the ring signature scheme of Rivest-Shamir-Taumann," *Information Sciences*, vol. 188, no. 4, pp. 338-345, 2012.
- [12] He D, Huang B, Chen J. "New certificateless short signature scheme," *Iet Information Security*, vol. 7, no. 2, pp. 113-117, 2013.
- [13] Pang L, Hu Y, Yi L, et al. "Efficient and secure certificateless signature scheme in the standard model," *International Journal of Communication Systems*, vol. 30, no. 5, e3041, 2015.
- [14] Zuo L, Zhou Q, Chen L. "A Provably Security and Efficient Certificateless Short Signature Scheme," *Computer Engineering*, vol. 45, no. 6, pp. 193-198, June, 2019.
- [15] Ting-Yi Chang, Min-Shiang Hwang, Wei-Pang Yang, Kuo-Cheng Tsou. "A Modified Ohta-Okamoto Digital Signature for Batch Verification and Its Multi-Signature Version," *International Journal of Engineering and Industries (IJEI)*, vol. 3, no. 3, pp. 75-83, Sep. 2012.
- [16] Islam S H, Biswas G P. "Design of improved password authentication and update scheme based on elliptic curve cryptography," *Mathematical & Computer Modelling*, vol. 57, no. 11, pp. 2703-2717, 2013.
- [17] Wang C, Huang H, Tang Y. "An Efficient Certificateless Signature from Pairings," *International Journal of Network Security*, vol. 8, no. 1, pp. 96-100, 2009.
- [18] Liu J, Zhang Z, Chen X, et al. "Certificateless Remote Anonymous Authentication Schemes for Wireless Body Area Networks," *IEEE Transactions on Parallel & Distributed Systems*, vol. 25, no. 2, pp. 332-342, 2013.
- [19] BONEH, Dan, BOYEN, et al. "Short signatures without random oracles," *Eurocrypt*, vol. 3027, no. 2, pp.56-73, 2004.
- [20] Sahu R A, Saraswat V. "Secure and Efficient Scheme for Delegation of Signing Rights," *International Conference on Information & Communications Security*. 2014.
- [21] Liu J K, Baek J, Susilo W, et al. "Certificate-Based Signature Schemes without Pairings or Random Oracles," *Information Security*. 2008.
- [22] Lin Teng, Hang Li. "A high-efficiency discrete logarithm-based multi-proxy blind signature scheme," *International Journal of Network Security*, vol. 20, no. 6, pp. 1200-1205, November 1, 2018.
- [23] Teng Lin, Li Hang, Liu Jie, Yin Shoulin. "An efficient and secure Cipher-Text retrieval scheme based on mixed homomorphic encryption and Multi-Attribute Sorting Method Under Cloud Environment," *International Journal of Network Security*, vol. 20, no. 5, pp. 872-878, September 1, 2018.
- [24] Khan A A, Laghari A A, Awan S A, et al. "Machine Learning in Computer Vision: A Review," *ICST Transactions on Scalable Information Systems*, 2021.
- [25] Khan A A, Shaikh A A, Cheikhrouhou O, et al. "IMG-forensics: Multimedia-enabled information hiding investigation using convolutional neural network," *IET Image Processing*, 2021.
- [26] A. A. Khan, M. Uddin, A. A. Shaikh, A. A. Laghari and A. E. Rajput. "MF-Ledger: Blockchain Hyperledger Sawtooth-Enabled Novel and Secure Multimedia Chain of Custody Forensic Investigation Architecture," *IEEE Access*, vol. 9, pp. 103637-103650, 2021.
- [27] Khan, A.A., Laghari, A.A., Awan, S. and Jumani, A.K., 2021. Fourth Industrial Revolution Application: Network Forensics Cloud Security Issues. Security Issues and Privacy Concerns in Industry 4.0 Applications, pp.15-33.
- [28] Karati A, Islam S H, Biswas G P. "A Pairing-free and Provably Secure Certificateless Signature Scheme," *Information Sciences*, vol. 450, pp. 378-391, 2018.
- [29] Singh J, Kumar V, Kumar R. "An Efficient and Secure RSA Based Certificateless Signature Scheme for Wireless Sensor Networks," *Advances in Signal Processing and Intelligent Recognition Systems*, pp. 685-697, 2018.
- [30] Ming Y, Shen X. "PCPA: A Practical Certificateless Conditional Privacy Preserving Authentication Scheme for Vehicular Ad Hoc Networks," *Sensors*, vol. 18, no. 5, pp. 1573, 2018.
- [31] Hyla T, Peja J. "A Hess-Like Signature Scheme Based on Implicit and Explicit Certificates," *Computer Journal*, vol. 60, no. 4, pp. 457-475, 2018.