DC Member 1 - 5-year Publication details
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List of Publications: -

1. Gyanendra Prasad Joshi, Eswaran Perumal, K Shankar, Usman Tariq, Tariq Ahmad, Atef Ibrahim, "Toward Blockchain-Enabled Privacy-Preserving Data Transmission in Cluster-Based Vehicular Networks", Electronics, Vol. 9, Issue 9, Page(s). 1358, Oct 2020.

2. K Shankar, Eswaran Perumal, RM Vidhyavathi," Deep neural network with moth search optimization algorithm based detection and classification of diabetic retinopathy images", SN Applied Sciences, Vol. 2, Issue 4, Page(s). 1-10, April 2020.

3. Pramila Arulanthu, Eswaran Perumal," An intelligent IoT with cloud centric medical decision support system for chronic kidney disease prediction", International Journal of Imaging Systems and Technology,Mar 2020

4. P Manickam, K Shankar, Eswaran Perumal, M Ilayaraja, K Sathesh Kumar," Secure data transmission through reliable vehicles in VANET using optimal lightweight cryptography", Cyber security and secure information systems,pp 193-204,2019

5. K Shankar, Mohamed Elhoseny, Eswaran Perumal, M Ilayaraja, K Sathesh Kumar," An Efficient Image Encryption Scheme Based on Signcryption Technique with Adaptive Elephant Herding Optimization", Cybersecurity and Secure Information Systems,pp 31-42,2019

6. M Miftakul Amin, Andino Maseleno, K Shankar, Eswaran Perumal, RM Vidhyavathi, SK Lakshmanaprabu," Active Database System Approach and Rule Based in the Development of Academic Information System", International Journal of Engineering & Technology, Vol. 7, Issue 2.26, Page(s). 95-101, 2018.

7. P Ramya Princess Mary, Eswaran, K Shankar," Multi Secret Image Sharing Scheme based on DNA Cryptography with XOR", International Journal of Pure and Applied Mathematics, Vol. 118, Issue 7, Page(s). 393-398, 2017.

8. K. Shankar and P.Eswaran, (2016), "RGB Based Secure Share Creation in Visual Cryptography Using Optimal Elliptic Curve Cryptography Technique", Journal of Circuits, Systems, and Computers, Vol. 25, Issue 11, Page(s). 1–23. (SCI Indexed – Impact Factor: 0.250).

9. S. Anantha Babu, P. Eswaran and C. Senthil Kumar, (2016), "Lossless Compression Algorithm Using Improved RLC for Grayscale Image", Arabian Journal of Science and Engineering, Vol. 41, Issue 8, page(s): 3061–3070. (SCI Indexed – Impact Factor: 0.728).

10. K.Shankar and P.Eswaran, (2016), "An Efficient Image Encryption Technique Based on Optimized Key Generation in ECC Using Genetic Algorithm", Advances in Intelligent Systems and Computing, Springer, Vol. 394, page(s): 705-714.

11. K.Shankar and P.Eswaran, (2016), "Performance Evaluation of Secure Share Creation Schemes in Visual Cryptography", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET) Vol. 3, Special Issue 20, page(s): 189-194.

12. K.Shankar and P.Eswaran, (2016), "A New k out of n Secret Image Sharing Scheme in Visual Cryptography", 2016 10th International Conference on Intelligent Systems and Control (ISCO), IEEE, page(s): 1–6.

13. S. Anantha Babu, P. Eswaran and C. Senthil Kumar, (2016), "Lossless Grayscale Image Compression using Block-wise Entropy Shannon (LBES)", International Journal of Computer Applications (0975–8887), Vol. 146, No.3, pp. 01-06.

14. S. Anantha Babu, P. Eswaran and C. Senthil Kumar, (2016), "Lossless Compression Algorithm using Advanced Quantization Technique for Color Images", Advances in Natural and Applied Sciences (1995–0772), Volume 10, No.13, page(s): 101-111.

15. K.Shankar and P.Eswaran, (2016), "A New k out of n Secret Image Sharing Scheme in Visual Cryptography", Proceeding of the 10th International Conference on Intelligent Systems and Control ISCO 2016, Karpagam College of Engineering,

Coimbatore, page(s): 369-374.

16. K.Shankar and P.Eswaran, (2016), "Performance Evaluation of Secure Share Creation Schemes in Visual Cryptography", Proceeding of the International Conference on Innovations in Computer Science & Technology (ICICST-2016), page(s): 427-431.

17. V.Surya and Dr.P.Eswaran, (2016) "An Optimized Image Steganographic Method based on Artificial Bee Colony Algorithm", Proceedings of the International Conference on Innovations in Computer Science & Technology (ICICST-2016), page(s): 150-154.

18. S.Gowsalya and Dr.P.Eswaran, (2016), "A Secure Data Hiding in Visual Cryptographic Shares", International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Proceeding of the International Conference on Innovations in Computer Science & Technology (ICICST-2016), page(s): 539-543.

19. K. Muthukarpagam and Dr. P. Eswaran, (2016), "Feature Extraction Based Brain Tumor Detection in MRI Images", Proceeding of the International Conference on Innovations in Computer Science & Technology (ICICST-2016), page(s): 390-393.

20. G.Yogeswari and Dr. P. Eswaran, (2016), "Enhancing Data Security for Cloud Environment based on AES Algorithm and Steganography Technique", Proceeding of the International Conference on Innovations in Computer Science & Technology (ICICST-2016), page(s): 227-230.

21. R.Ruba Mangala and Dr. P. Eswaran, (2016), "An Efficient Image Steganography using the Secured Bit Inversion Technique", Proceeding of the International Conference on Innovations in Computer Science & Technology (ICICST-2016), page(s): 142-145.