

SCI and SCIE Journals

1. Samuel, P.M., **Veeramalai, Thanikaiselvan**.,VSSC Net: Vessel Specific Skip chain Convolutional Network for blood vessel segmentation, (2021) Computer Methods and Programs in Biomedicine, 198, art. no. 105769, **IF: 3.632**.
2. Maniyath, S.R., **V, Thanikaiselvan** .An efficient image encryption using deep neural network and chaotic map, (2020) Microprocessors and Microsystems, 77, art. no. 103134, **IF: 1.161**
3. Pearl Mary, S., **Thanikaiselvan, V.**, Multilevel and Multiscale Deep Neural Network for Retinal Blood Vessel Segmentation, *Symmetry* 2019, 11(7), 946, **IF:2.645**
4. Shastri, S., **Thanikaiselvan, V.**,Dual image reversible data hiding using trinary assignment and centre folding strategy with low distortion, (2019) Journal of Visual Communication and Image Representation, 61, pp. 130-140. , **IF:2.479**
5. Shaik, A., **Thanikaiselvan, V.**, A New Image-Based Hybrid Reversible Data Hiding Model Using IHWT and RP-PEHM for Secured Data Communication, (2018) Circuits, Systems, and Signal Processing, 37 (11), pp. 4907-4928. **IF:1.681**
6. Shaik, A., **Thanikaiselvan, V.**,High capacity reversible data hiding using 2D parabolic interpolation, (2019) Multimedia Tools and Applications, 78 (8), pp. 9717-9735. **IF:2.313**

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1. **Thanikaiselvan, V.**, Sivanantham, S., Dey, D., QR-like secret data hiding in integer wavelet transform domain images, (2019) Universal Journal of Electrical and Electronic Engineering, 6 (5), pp. 100-111.
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6. Pearl Mary, S., **Thanikaiselvan, V.**, Medical angio-image enhancement using adaptive fractional differential filter, (2017) Far East Journal of Electronics and Communications, 17 (2), pp. 399-408.

7. Shaik, A., **Thanikaiselvan, V.**, Amitharajan, R., Data security through data hiding in images: A review, (2017) Journal of Artificial Intelligence, 10 (1), pp. 1-21.
8. **Thanikaiselvan, V.**, Shastri, S., Ahmad, S., Subashanthini, S., A new pixel value based Steganography method for data security, (2016) Indian Journal of Science and Technology, 9 (37), art. no. 102118, .
9. Velmurugan, T., Sumathi, D., Saravanan, K., **Thanikaiselvan, V.**, A study and survey of handoff strategies in next generation wireless networks, (2016) International Journal of Applied Engineering Research, 11 (6), pp. 4202-4213.
10. **Thanikaiselvan, V.**, Subashanthini, S., Renugadevi, S., PVD based random data hiding with high payload and PSNR, (2016) International Journal of Chemical Sciences, 14, pp. 747-752.
11. Shastri, S., **Thanikaiselvan, V.**, PVO based Reversible Data Hiding with improved embedding capacity and security, (2016) Indian Journal of Science and Technology, 9 (5), 7 p.
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13. Subashanthini, S., Jeyanthi, N., **Thanikaiselvan, V.**, A double layer information security approach through image scrambling and data hiding, (2016) International Journal of Chemical Sciences, 14, pp. 741-746.

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1. Aditya, K., Mohanty, A.K., Ragav, G.A., **Thanikaiselvan, V.**, Amirtharajan, R. Image encryption using dynamic DNA encoding and pixel scrambling using composite chaotic maps, (2020) IOP Conference Series: Materials Science and Engineering, 872 (1), art. no. 012045, .
2. Govindasamy, V., Sharma, A., **Thanikaiselvan, V.**, Coverless Image Steganography using Haar Integer Wavelet Transform, (2020) Proceedings of the 4th International Conference on Computing Methodologies and Communication, ICCMC 2020, art. no. 9076365, pp. 885-890.
3. **Thanikaiselvan, V.**, Patel, S., Sivanantham, S., Secured Data Transmission through Dual Domain Reversible Data Hiding and Encryption in Images
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5. Kumar, V., Muchhal, P., **Thanikaiselvan, V.**, Information security through encrypted domain data hiding, (2020) Lecture Notes on Data Engineering and Communications Technologies, 46, pp. 370-379.
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