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Publications:

International Journals:

1. G.F.Sudha and T.G.Palanivelu, "Polarmetric imaging of subsurface tissue – numerical results", Journal of BIOMEDICAL OPTICS, SPIE Publications, vol.10(5), September/October 2005, pp.054014-1-054014-8. ISSN 1083-3668
2. G. F. Sudha, V. Rajkumar, T. Kadiravan, M. Manoj and K. Ashok, "Studies On Skin Temperature Changes On A Diabetic Foot "IFMBE Proceedings SpringerLink Book series, Volume 21 Springer Berlin Heidelberg,pp.683-686, 2008 ISSN: 1680-0737, ISBN 978-3-540-69138-9 (Print) 978-3-540-69139-6 (Online)
3. G.F. Sudha and S. Karthik ,”Improved LPC Vocoder using Instantaneous Pitch Estimation Method, International Journal of Wireless Networks and Communications, Research India Publications ,Volume 1, Number 1 ,2009, pp. 43–54. ISSN 0975-6507
4. G.F.Sudha and Hephzibah Kesia, “Real-Time Video Encryption Based On Lorenz Chaotic System”, International journal of Computations in Computer, mathematical sciences and applications, vol.3, no.1-2, Jan-June 2009, pp.41-52. ISSN 0973-6786
5. L.Krishna Bharathi and G.F.Sudha Security Enhancement Using Mutual Authentication in Existing CDMA Systems , International Journal on Computer Science and Engineering, Vol. 02, No. 02, 2010, pp. 237-245, ISSN : 0975-3397.

6. L.M.Varalakshmi and G.F.Sudha,"Performance Enhancement Of Binary Randomized Arithmetic Coding For Multimedia Encryption, International Journal of Recent Trends in Engineering and Technology, ACEEE, Vol. 3, No. 2, May 2010 , pp. 6-8. , ISSN: 1797-9617
7. L. M. Varalakshmi and G. Florence Sudha, "Selective Encryption of Video Using Multiple Chaotic Maps", Information Processing and Management, International Conference on Recent Trends in Business Administration and Information Processing, BAIP 2010, Trivandrum, Kerala, India, March 26-27, 2010. Proceedings, SpringerLink Book series, Volume 70, Springer Berlin Heidelberg, pp.164-168. ISSN: 1865-0929, ISBN978-3-642-12213-2 (Print) 978-3-642-12214-9 (Online)
8. V. Vijayalakshmi, L. M. Varalakshmi and G. F. Sudha, " Efficient Encryption of intra and Inter Frames in MPEG Video , Recent Trends in Network Security and Applications , Communications in Computer and Information Science, SpringerLink Book series,2010, Volume 89, Part 1, 93-104, Springer Berlin Heidelberg, New York. Proceedings of the Third Intl. conference CNSA 2010, Chennai, India, July 23-25 2010. , ISSN: 1865-0929.
9. G.F.Sudha and Anandkumar," Fault detection and classification in Printed Circuit Board" International Journal of VLSI Design , Vol.2, No1, Jan-June 2011, pp.7-12. ISSN: 2229-3167.
10. L. M.Varalakshmi, G.F.Sudha ," An enhanced encryption algorithm for video based on multiple Huffman tables", Multimedia Tools and applications, SPRINGER journal, vol. 51, No.3, pp. 552-557, ISSN: 1380-7501 ,on line Feb 2011 , DOI 10.1007/s11042-011-0963-2, print Volume 64, Number 3, June 2013.
11. Gnanou Florence Sudha, M. Niveditha, K. Srinandhini, and S. Narmadha," Hand Based Biometric Recognition Based on Zernike Moments and Log Gabor Filters", International Journal of Research and Reviews in Information Sciences , Science Academy Publisher, United Kingdom, Vol.1, No.4, Dec 2011, pp. 119-125, ISSN: 2046-6439.

12. R.Gunasundari and G.F.Sudha,” Simulation model of a relay based autonompus ECG monitoring system using wireless sensors”, CiiT International Journal of Networking and Communication Engineering, vol. 4, No15, Dec 2012 pp.925 – 932.
13. L.M.Varalakshmi and G.F.Sudha, “A Selective Encryption and Energy Efficient Clustering Scheme for Video Streaming in Wireless Sensor Networks” Telecommunication systems Journal, SPRINGER Publications, Vol.52, No.4, April 2013. DOI 10.1007/s11235-013-9849-0 ISSN 1018-4864.
14. Varalakshmikumar, Florence Sudha, Elamparithiparithi, “ Performance Analysis of secured video transmission over 3G networks based on H.264/AVC", International Journal of Multimedia Intelligence and Security, Inderscience Publishers Vol. 3, No. 1, 2013, pp.23-50, ISSN(online): 2042-3470, ISSN(print) 2042-3462.
15. A.V. Anantha Lakshmi and G.F.Sudha, “Design of a reversible single precision floating point subtractor”, SpringerPlus, January 2014, vol. 3:11, DOI:10.1186/2193-1801-3-11, ISSN: 2193-1801.
16. A.V. Anantha Lakshmi and G.F.Sudha, “Design of 4-Bit Reversible Shift Registers”, WSEAS Transactions on Circuits and Systems, Issue 12, Volume 12, December 2013, E-ISSN: 2224-266X
17. A.V. Anantha Lakshmi and G.F.Sudha, “Area and Speed Efficient Reversible Fused Radix-2 FFT Unit Using 4:3 Compressor”, International Journal on Recent Trends in Engineering and Technology, ACEEE, vol.10, Issue 2, Jan 2014, pp172-186, ISSN: 1797-9617.
18. G. Florence Sudha, S.Karthik and N.Selva Kumar, “Activity Aware Energy Efficient Priority Based Multi Patient Monitoring Adaptive System For Body Sensor Networks”, Technology and Health care, IOS Publishers, Amsterdam ISSN: 0928-7329 (*In Press*)

19. Arul Elango and G.F.Sudha, "Inverse spiking filter based acquisition enhancement in software based Global positioning system receiver Applied Computing and Informatics, Elsevier , ISSN: 2210-8327 (*In press*).

20. Jai Jaganath Babu and G.F.Sudha,"Nonsampled Contourlet Transform Based Image Denoising in Ultrasound thyroid Images Using Adaptive Binary Morphological Operations"
 , IET Computer Vision (*In press*).