# List of Scopus Indexed Journal 2011

| S.No. | Authors | Title of the Paper | Title of Journal/Conference | Division |
|---|---|---|---|---|
| 1 | Ankur Khandpur, Jayant Sogani, Thanikaiselvan.V, Arulmozhivarman .P | Wavelet based Image denoising and improved segmentation technique for SAR Images | Proceeding of ICMARS-2011,7th International Conference on Microwaves,Antenna, Propagation and Remote sensing,(ICRS,Jodhpur) | Networking |
| 2 | Arun Kumar.K.V, A.Karthikeyan, | Design of OFDM based Multi-Hop Wireless Networks with Adaptive resource allocation | IEEE International Conference on Computational Intelligence and Computing Research | Networking |
| 3 | Arun, M., Krishnan, A. | Power analysis of Multiple Hashing Bloom filter architecture for Network applications | International Journal of Computers and Applications 33 (4) | Networking |
| 4 | Arun, M., Krishnan, A. | Low power Bloom filter architectures using multi-stage lookup technique | Australian Journal of Electrical and Electronics Engineering 8 (3) | Networking |
| 5 | Arun, M., Krishnan, A. | Comparative power analysis of precomputation based Content Addressable Memory | Journal of Computer Science 7 (4) | VLSI |
| 6 | Hanish Chowdary.V, Mahboob Alisha Syed, Reddy. E.V.K. Pinnitla, Jagannadha Naidu.K | Variable Frquency Scheme for Low Power Digital circuits | International Journal of Advanced Engineering Sciences and Technologies | DSP |
| 7 | J. Sakthi Swarrup, V. Velmurugan | Modelling of MEMS based cantilever beam as Biosensor for C-Reactive Protein | International Journal of Nanoscience | Nanotechnology |
| 8 | J. Valarmathi, D.S Emmanuel and S. Christopher | Fusion using Quasilinearization Technique for the Likelihood Ratio Based T2TA in Multi Radar Data Fusion | Journal of Theoretical and Applied Information Technology (JTAIT) | DSP |
| 9 | J.Christopher Clement, Kishore V Krishnan, Bagubali | Cognitive Radio : Spectrum Sensing Problem in Signal Processing | IJCA(International Journal of Computer Applications) | Embedded systems |

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|---|---|---|---|---|
| 10 | K. Shambavi, Zachariah C Alex | Design of Printed Multistrip Monopole Antenna for UWB Applications | Microwave and Optical Technology Letters, vol. 53, No.8 | DSP |
| 11 | K. V. N. Kavitha and Sibaram Khara | Performance Comparison of Basis Expansion Models for MIMO/OFDM System | IUP Journal of Information Technology | Sensor and MEMS |
| 12 | K. V. N. Kavitha, et al. | Basis Expansion Models analysis for MIMO/OFDM systems | CiiT international journal of wireless communication | Sensor and MEMS |
| 13 | Kathirvelan, J. | Electro-chemical gas sensor for multi-gas detection application | Indian journal of science and technology | Sensor and MEMS |
| 14 | Kaushal Vishla, Varun P Joshy, George Jacob | Properties of ZnO thin film prepared by Sol gel techniques | International Journal of Applied Engineering Research | VLSI |
| 15 | Nitin Kumar Tiwari, S. Ravi, Ram Kumar, Harish Kittur | Design and Implementation of SoCWire Codec for Space Applications | International Conference on Signal Processing, Communication, Computing and Networking Technologies (ICSCCN 2011) | DSP |
| 16 | Prabhu Ramanathan, Sudha Ramasamy, Arulmozhivarman.P and Rao Tatavarti | Introduction to Electrical Capacitance Tomography and its Measurement Circuitry | International Journal of Applied Engineering Research | VLSI |
| 17 | S Sugumaran, Pachiyappan Arulmozhivarman, Vamsi Nath Reddy, Sirivella V S M Reddy | Design of WDM Optical Networks for the analysis of Cross Phase Modulation and Self Phase Modulation | obcom-springer CCIS | Embedded systems |
| 18 | S. Nandakumar, Sibaram Khara | A Linear model of Call Intercepting Probability of Integrated WLANs in a 3G Cell | Springer-Verlag | Networking |
| 19 | S. Nandakumar, Sibaram Khara, T. Velmurugan | An Efficient Take-Back Call Admission Control Scheme for 3G/WLAN Integrated Cells | OBCOM-2011 | Networking |

| S.No. | Authors | Title of the Paper | Title of Journal/Conference | Division |
|---|---|---|---|---|
| 20 | Thanikaiselvan V, Santosh Kumar, Narala Neelima, Rengarajan Amirtharajan | Data Battle on the Digital Field between Horse Cavalry and Interlopers | Journal of Theoretical and Applied Information Technology(JTAIT) | VLSI |
| 21 | Vibhor Garg, V. Arunachalam | Architectural Analysis of RSA Cryptosystem on FPGA | International Journal of Computer Applications | VLSI |
| 22 | Vishnu K. Nair and S. Ravi N. Parthibhan | Energy Saving Scheme Using adiabatic Flip-Flops | CiiT International Journal of Programmable Device Circuits and Systems | VLSI |