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Area: Big Software Engineering, Data Mining, Sensor networks

LAST 5 YEAR PUBLICATIONS: 18

1. T.Thenmozhi & Kalpana A.M Adaptive motion estimation and sequential outline separation based moving object detection in video surveillance system, Microprocessors and Microsystems, September 2020.
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3. Kavitha.M and Kalpana A.M ”Low leakage charge recycling technique For power minimization in cntfet circuits” Acta Polytechnica vol 59, 24–34 Feb 2019
4. R.P.S. Manikandan and Dr. A.M. Kalpana” Big Data Analytics using HDFS “ International journal of Information and computing systems, Volume 5 Issue :12,Dec 2018.
5. Kalpana.A.M, Rajesh.A,Sasikala.R “A Neural Framework To Discover The Probability For Recommendations Using Association With Clustering Methodology” International Journal of Computer Engineering and Applications, Volume XII, Issue II, Feb. 2018,
6. R.C.Karpagalakshmi, and Dr.A.M.Kalpana “Study On Effective Traffic Organization With Fuzzy Using Neighbor Junction Points” International Journal of Pure and Applied Mathematics Volume 118 No. 14 pp.149-155, 2018.
7. Kavitha.M, Kalpana A.M “Carbon Nanotubes: Properties And Applications - A Brief Review “ i-manager’s Journal on Electronics Engineering, Vol. 71 No. 31 March - May 2017
8. Manikandan R.P.S, Kalpana A.M "Feature Selection Using Fish Swarm Optimization in Big Data” Springer journal, The Journal of Networks, Software Tools and Applications, March 2017,(Annexure-I).
9. K. Jayanthi, Dr. A. M. Kalpana, “Mutual Coupling Reduction Techniques between MIMO Antennas for UWB Applications”, September 17 Volume 5 Issue 9 , International Journal on Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN: 2321-8169, PP: 18 – 22

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11. Kalpana.A.M, Rajesh.A,Sasikala.R, “An optimal retrieval technique in text mining using GSO based prefix span algorithm and improved K-means” Int. J. Business Intelligence and Data Mining, Vol. 11, No. 3, 2016(Annexure-I)
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14. R.P.S. Manikandan and Dr. A.M. Kalpana, 2016. “Design of transactional prediction using plan mine and genetic algorithms” International journal of computer engineering & technology (IJCET).volume:7, issue:6,pages:50-54.
15. R.C.Karpagalakshmi, and Dr.A.M.Kalpana “Multi-point co-ordination scheme for traffic control systems” Asian Journal Of Research In Social Sciences And Humanities, vol 6,no.10,October 2016,pp.911-919(Annexure-I) .
16. R.C.Karpagalakshmi, D. Tensing and Dr.A.M.Kalpana” A Robust Vantage Point based Event Detection Architecture for Efficient Object Detection and Localization” Asian Journal of Information technology, April 2016 (Annexure-I)
17. Karpagalakshmi, RC, Tensing, D &Kalpana, AM ‘Image Localization using Deformable Model and its Application in Health Informatics”, Journal of Medical Imaging and Health Informatics, ISSN : 2156-7018(Print), ISSN : 2156-7026 (Online) Volume 6, Number 8, December 2016, pp. 1972-1976(5)
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