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Publications

Journals

1. Hemalatha.J, Kavitha Devi M.K., Geetha.S, "Enhancing the JPEG Image Hiding security by RSA and attaining high payload using advanced DCT Replacement method and modified quantization table" Int. J. Business Intelligence and Data Mining, Vol. 14, Nos. 1/2, pp. 138-154, 2019
2. J. Ragaventhiran, M.K. Kavitha Devi, "Map-optimize-reduce: CAN tree assisted FP-growth algorithm for clusters based FP mining on Hadoop", Elsevier Future Generation Computer Systems, Vol. 103, pp. 111–122, 2020
3. Maya Mohan, M.K.Kavitha Devi, v.Jeevan Prakash, 'Confidential and efficient asset proofs for Bitcoin exchanges', Sadhana , vol.43 No.126 pp.1-8 2018 , Springer (Annexure I, IF-0.465)
4. Kamatchi Priya, L.Kavitha Devi, MK &Nagarajan, S 2018 'Data analytics: Feature extraction for application with small sample inclassification algorithms', International journal of Business Information Systems, vol. 26, no. 3, pp. 378-401.
5. Hemalatha.J, Kavitha Devi M.K., Geetha.S, "Improving Image Steganalyser Performance through Curvelet Transform Denoising". Springer – Cluster Computing, pp. 1-19, 2018
6. S.Vairachilai, M.K.Kavitha Devi and M.Raja, "Analysis of Statistical and Structural Properties of Complex networks with Random Networks", Applied Mathematics & Information Sciences, Vol. 11, No. 1, pp.1-10, 2017
7. Maya Mohan, M.K.Kavitha Devi, "Privacy Preserving Non-Interactive Proof of Assets for Bitcoin Exchanges", Applied Mathematics & Information Sciences, Vol. 11, No. 3, pp.749-758, 2017
8. S.Vairachilai, M.K.Kavitha Devi, M.Raja, "Alleviating the cold start problem in recommender systems based on modularity maximization community detection algorithm", Circuits and Systems, 2016
9. Maya Mohan,M.K.Kavitha Devi,Jeevan Prakash V, "Improved Classical Cipher for Healthcare Applications", Elsevier Procedia Computer Science, Vol. 93, pp. 742-750, 2016
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11. G.Sharmila, M.K.Kavitha Devi, "A study on various indexing techniques in subgraph search ", Int. J. Applied Engineering Research, Vol. 10, No. 55, 2015
12. J.Ragavendiran, M.K.Kavitha Devi, "Mining Frequent pattern in MTC environment using tree based association rule ", Int. J. Applied Engineering Research, Vol. 10, No. 55, 2015
13. M.Isllabudeen, M.K.Kavitha Devi, "An efficient intrusion detection system with boat classifier to detect rare and frequent misuse attacks in MANET ", Int. J. Applied Engineering Research, Vol. 10, No. 55, 2015
14. L.Kamatchi Priya, M.K.Kavitha Devi, J.Illakiya, " Laplacian Fisher Clustering based Feature subset selection for semi-supervised data", Int. J. Applied Engineering Research, Vol. 10, No. 75, 2015
15. J.Hemalatha, M.K.KavithaDevi, MayaMohan, "Blind image Steganalysis of interpolation error based data hiding in stereo images", International Journal of Applied Engineering Research, Vol. 10 No.20, pp.16848-16852, 2015
16. L.Kamatchi Priya, Dr.M.K.Kavitha Devi, Dr.S.Nagarajan, "Spending on Education Determinant of Economic Growth Using Using Structural Equation Modeling", International Journal of Applied Engineering Research, Vol. 10, No. 7, pp. 17991-18005, 2015
17. L. Anitha, M. K. Kavitha Devi, P.Anjali Devi, "A Review on Recommender System", International Journal of Computer Applications, Vol. 82, No.3, 2013
18. M.K.KavithaDevi, IDSS: AN INTELLIGENT DECISION SUPPORT SYSTEM FOR E-PURCHASING USING CBR AND CF, INT. Journal. AGENT-ORIENTED SOFTWARE ENGINEERING, , Pg. 212-229, Vol. 3, Nos. 2/3, 2009
19. M.K.KavithaDevi, An Efficient Approach Based on Trust to Purge the Weakness of Recommender Systems, International Journal of Computer Applications, 1(25):2232, February 2010
20. M.K.KavithaDevi, "Kernel based Collaborative Filtering System for E-Purchasing", Sadhana - Academy Proceedings in Engineering Science, Springer, Impact Factor: 0.276 ,Vol. 35, Part 5, pp. 513524, October 2010
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22. M K Kavitha Devi, "ICRS: AN INTELLIGENT COLLABORATIVE RECOMMENDER SYSTEM FOR ELECTRONIC PURCHASING", INT. Journal. BUSINESS EXCELLENCE, Pg. 179-193, Vol. 2, No. 2, 2009
23. M.K.KavithaDevi, Smoothing approach to Alleviate the Meager rating problem in Collaborative Recommender Systems, Elsevier International Journal on Future Generation Computer Systems, 29 (2013), pp. 262-270

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3. A PROFICIENT INDEXING IN GRAPH DATABASES USING FEATURE - BASED METRIC APPROACH", Proceeding in International Conference on Advances in Applied Engineering and Technology, India, May 14-16, 2015
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7. M.K.KavithaDevi, AN IMPROVED COLLABORATIVE RECOMMENDER SYSTEM, THE FIRST INTERNATIONAL CONFERENCE ON NETWORKS & COMMUNICATIONS (NETCOM-2009), 27-29 December 2009
8. M.K.KavithaDevi, HYBRID PREDICTIVE SYSTEM USING BACKPROPAGATION, NATIONAL CONFERENCE ON INFORMATION AND SOFTWARE ENGINEERING, 13th 14th February 2009
9. M.K.KavithaDevi, ALLEVIATING SPARSITY PROBLEM USING RADIAL BASIS FUNCTION NETWORK, IEEE INTERNATIONAL ADVANCE COMPUTING CONFERENCE, 6th 7th March 2009
10. M.K.KavithaDevi, MATHEMATICAL APPROXIMATION FOR MODEL BASED RECOMMENDER SYSTEM, SIXTH INTERNATIONAL CONFERENCE ON SUPPLY CHAIN MANAGEMENT AND INFORMATION SYSTEMS, 8th 10th December 2008
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