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Research Area: Wireless Sensor Networks, Network Security

List of Journal Publications

1. V.Saravanan and V.Mohanraj, “Maximizing QoS by Cooperative Vertical and Horizontal Handoff for Tightly Coupled WiMAX/WLAN Overlay Networks”, Cluster Computing –The Journal of Networks, Software Tools and Applications”, Springer Journal, DOI: 10.1007/s10586-016-0601-x, 2016. [Impact Factor – 2.0]
2. V.Saravanan and V.Mohanraj,” A Seamless Mobile Learning and Tension Free Lifestyle by QoS Oriented Mobile Handoff”, Asian Journal of Research in Social Sciences and Humanities”, Vol. 6, No. 7, pp. 374-389, 2016. [Scopus Indexed]
3. S.Anusha and V.Mohanraj, “Dynamic Spectrum Access in Cognitive Radio Wireless Sensor Networks using different spectrum sensing techniques”, International Journal of Applied Engineering Research, Vol. 11, No. 6, pp. 4044-4048, 2016. [Scopus Indexed]
4. S. Sivanantham and V. Mohanraj, “Review Framework for Hybrid Approaches to Outlier Detection in Wireless Sensor Networks”, Middle East Journal of Scientific Research, Vol. 24, No. 4, pp. 1025-1032, 2016. [Scopus Indexed]
5. M.Pradeepa and V.Mohanraj, “Achieving effective keyword ranked search by using TF-IDF and cosine similarity”, International Research Journal of Engineering and Technology. Vol. 03, No. 04, pp.124-130, 2016
6. G.Anand and V.Mohanraj “Privacy Enhancement in DaaS Web Services” in International Journal of Advanced Engineering Science and Information Technology (IIAESIT), Vol.8, No 8, pp. 121-127, 2014.
7. C.Divya Gowri, V.Mohanraj, “Spam Detection in Twitter -A Review”, International Journal of Computer Science and Business Informatics, Vol. 14, No. 1, pp-92-102, 2014.

8. Mohanraj, V., Chandrasekaran, M., Senthilkumar, J., Arumugam, S. and Suresh, Y. "Ontology Driven Bee's Foraging Approach based Self Adaptive Online Recommendation System", Journal of Systems and Software, Elsevier, Vol. 85, No.11, pp. 2439-2450, 2012 [Impact Factor: 2.27]
9. Senthilkumar, J., Chandrasekaran, M., Arumugam, S., Suresh, Y. and Mohanraj, V., "Advertisement Timeout Driven Bee's Mating Approach to maintain fair energy level in sensor network", Applied Soft Computing, Elsevier, Vol.12, No.7, pp.1884-1890,2012. [ImpactFactor: 3.9]
10. Mohanraj, V. and Chandrasekaran, M. "An Ontology Based Approach to Implement the Online Recommendation System", Journal of Computer Science, Science Publications, Vol.7, No.4, pp. 573-581, 2011. [Scopus Indexed]
11. Mohanraj, V., Chandrasekaran, M., Senthilkumar, J., Arumugam, S. and Suresh, Y. "An Ontological Framework for Improving the Online Recommendation System Using Bees Intelligence", European Journal of Scientific Research, Vol. 52, No. 1, pp.23-37, 2011.
12. Mohanraj, V., Lakshmipathi, R., Senthilkumar, J., Arumugam, S. and Suresh, Y. "A Forager Bees Behaviour Inspired approach to predict the forthcoming navigation pattern of online users", International Journal of Computer Science and Information Security, Vol. 8 ,No. 3, pp. 210-218,2010.
13. Lakshmipathi, R., Mohanraj, V., Chandrasekaran, M., Senthilkumar, J. and Suresh, Y. "An Intelligent Agent Based Talent Evaluation System Using a Knowledge Base", International Journal of Information Technology and Knowledge Management Vol. 2, No. 2, pp.231-236, 2010.
14. Mohanraj, V. and Lakshmipathi, R. "A Novel Forager Agent Based Approach to Capture the Future Browsing Pattern of Online Users", Computer and Information Science, Vol. 3, No. 3, pp. 105- 116,2010.
15. Senthilkumar, J., Lakshmipathi, R., Mohanraj, V. and Suresh, Y. "Honey Bee Mating based Bound Time Approach for Energy minimization in Wireless Sensor Networks", International Journal of Computer Science and Information Security, Vol.8, No.2, pp. 134-141,2010.

List of Conference Publications

1. N. Jagadeeswari and V. Mohanraj, "A survey on memory deduplication employed in cloud computing", In the proceedings of 2017 International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS),1-2 August 2017, 3319 – 3323, DOI: 10.1109/ICECDS.2017.8390074.

2. M.Pradeepa and V.Mohanraj, "Recommendation Engine for online quest using keyword", In the proceedings of IEEE Sponsored 3rd International conference on Innovations in Information, Embedded, and Communication Systems (ICIIECS'16'), 2016.
3. Mohanraj, V., Lakshmipathi, R., Chandrasekaran, M., Senthilkumar, J. and Suresh, Y. "Intelligent Agent Based Talent Evaluation Engine Using a Knowledge Base", International Conference on Advances in Recent Technologies in Communication and Computing, Kottayam, Kerala, 27-28, Oct 2009. Paper Indexed in IEEE Xplore Digital Library with ISBN: 978-1-4244-5104-3, DOI: 10.1109/ ARTCom. 2009.214.