References

[1] Corici AA. Access control for M2M infrastructures in 5G networks.
[2] Buscheck TA, Upadhye R. Earth Battery: Storing Energy with Compressed Air and Heated Brine in Porous Rock (Final Technical Report). Lawrence Livermore National Lab.(LLNL), Livermore, CA (United States); 2019 Mar 26.
[3] Dutta UK, Razzaque MA, Al-Wadud MA, Islam MS, Hossain MS, Gupta BB. Self-adaptive scheduling of base transceiver stations in green 5g networks. IEEE Access. 2018 Jan 30;6:7958-69.
[4] Wibowo WW, Astuti YD, Hudaya C. Solar-powered base transceiver station. In2018 2nd International Conference on Green Energy and Applications (ICGEA) 2018 Mar 24 (pp. 108-112). IEEE.
[5] Ziafat H, Shakeri M. Using data mining techniques in customer segmentation. Journal of Engineering Research and Applications. 2014;4(9):70-9.
[6] Dhungana D, Grünbacher P, Rabiser R. The DOPLER meta-tool for decision-oriented variability modeling: a multiple case study. Automated Software Engineering. 2011 Mar;18(1):77-114.
[7] Hemp A. 12 Altitudinal zonation and diversity patterns in the forests of Mount Kilimanjaro, Tanzania. Tropical montane cloud forests: science for conservation and management. 2011 Jan 6:134.
[8] Arbin N, Suhaimi NS, Mokhtar NZ, Othman Z. Comparative analysis between k-means and k-medoids for statistical clustering. In2015 3rd International Conference on Artificial Intelligence, Modelling and Simulation (AIMS) 2015 Dec 2 (pp. 117-121).
[9] Khera R. India's public distribution system: utilisation and impact. Journal of Development Studies. 2011 Jul 1;47(7):1038-60.
[10] Chakraborty S, Sarmah SP. Managing supply and transportation disruptions: A case of Indian fair price shops. Kybernetes. 2020 Jan 17.
[11] Ji W, Chen C, Zhao B. A comparative study of the effects of ventilation-purification strategies on air quality and energy consumption in Beijing, China. InBuilding simulation 2021 Jun (Vol. 14, No. 3, pp. 813-825). Tsinghua University Press.
[12] Ruan D, Huang J. A PSO-based uneven dynamic clustering multi-hop routing protocol for wireless sensor networks. Sensors. 2019 Jan;19(8):1835.
[13] János S, Matijevics I. Simulation and implementation of mobile measuring robot navigation algorithms in controlled microclimatic environment using WSN. In2011 IEEE 9th International Symposium on Intelligent Systems and Informatics 2011 Sep 8 (pp. 275-279). IEEE
[14] Fadel E, Gungor VC, Nassef L, Akkari N, Malik MA, Almasri S, Akyildiz IF. A survey on wireless sensor networks for smart grid. Computer Communications. 2015 Nov 1;71:22-33.
[15] Shankar Kartik, J., Ram Kumar, K. and Srimadhavan, V.S. (2013): Security System with Face Recognition, SMS Alert and Embedded Network Video Monitoring Terminal, International Journal of Security, Privacy and Trust Management, Vol. 2, No. 5, pp. 09-19.
[16] Muruganandham, S.K., Sobya, D., Nallusamy, S., Dulal Krishna Mandal and ParthaSarathi Chakraborty. (2018): Study on Leaf Segmentation Using K-Means and K-Medoid Clustering Algorithm for Identification of Disease, Indian Journal of Public Health Research and Development, Vol. 9, No. 5, pp. 291-295.
[17] Shweta, R. and Dinesh Rotake. (2014): Design and Implementation of EDF Algorithm with Hardware Core Processor, International Journal of Advance Research in Computer Science and Management Studies, Vol. 2, No. 1, pp. 269-275.
[18] Wei Jiang, Thomas Kaiser and Han Vinck, A.J. (2016): A Robust Opportunistic Relaying Strategy for Co-Operative Wireless Communications, IEEE Transactions on Wireless Communications, Vol. 15, No. 4, pp. 2642-2655.
[19] sun, Z., Wang, P., Vuran, M.C., Al-Rodhaan, M.A., Al-Dhelaan, A.M. and Akyildiz, I.F. (2011): Border Sense: Border Patrol through Advanced Wireless Sensor Networks, Ad Hoc Networks, Vol. 9, No. 3, pp. 468-477.
[20] Bharat Kulkarni. (2012): GSM based Automatic Meter Reading System using ARM Controller, International Journal of Emerging Technology and Advanced Engineering, Vol. 2, No. 5, pp. 446-448.
[21] D. Kumar, T. C. Aseri, and R. B. Patel, "EEHC: energy efficient heterogeneous clustered scheme for wireless sensor networks," Computer Communications, vol. 32, no. 4, pp. 662–667, 2009.
[22] Rashedi E, Nezamabadi-Pour H, Saryazdi S. GSA: a gravitational search algorithm. Information sciences. 2009 Jun 13;179(13):2232-48.
[23] Shukla A, Singh SN. Multi-objective unit commitment with renewable energy using GSA algorithm. INAE Letters. 2016 Jun;1(1):21-7.

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