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AREA OF specialization – wireless communication

Papers published in International Journals with impact factor

1. T. Senthil, Dr. B. Kannapiran, "EETCA: Energy Efficient Trustworthy Clustering

Algorithm for WSN" KSII Transactions on Internet and Information Systems, Vol. 10,No.11, November 30, 2016 DOI 10.3837/tiis.2016.11.013, pp 5437- 5454

Impact factor -0.648

2. T.Senthil, Dr. B. Kannapiran, "ECTMRA: Energy Conserving Trustworthy MultipathRouting Algorithm Based on Cuckoo Search Algorithm", Springer - Wireless PersonalCommunications, Vol.88, No.3, 2016. DOI 10.1007/s11277-016-3378-6. pp 2239–2258

Impact factor -1.170

Papers published in International Journals with scopus indexed

1 Published a paper entitled "Design and analysis of end fire microstrip antenna foraircraft navigation system " in International Journal of Advanced Science and

Technology (IJAST) Vol. 29, No. 4, (2020), pp. 6593 – 6598 (ISSN: 2005-4238)

2 Published a paper entitled " Design of Broadband Millimeter-Wave BeamformingComponents for 5G Applications " in International Journal of

Advanced Science andTechnology (IJAST) Vol. 29, No. 3, (2020), pp. 14672 – 14676 (ISSN: 2005-4238)

3 Published a paper entitled "Energy efficient Accident alert system with location basedservices" in Journal of Green Engineering Volume-10, Issue-6, June 2020 (ISSN: 2245-4586)

4 Published a paper entitled "A Data Integrity Preservation Model to Ensure Security inGreen Cloud Computing Platform " in Journal of Green Engineering Volume-10, Issue-9, Sept 2020 (ISSN: 2245-4586)

5 T.Senthil and Dr. B. Kannapiran, "ECTTM - Energy Conserving Trustworthy TopologyManagement Mechanism for Wireless Sensor Networks", International Journal ofIntelligent Engineering and Systems, Vol.10, No.4, 2017 DOI:

10.22266/ijies2017.0831.17 pp.157 – 165

6 T.Senthil and Dr. B. Kannapiran, "SCTTM – Secure Cluster Based Trustworthy

Topology Management Scheme for Wireless Sensor Networks", Journal of Theoreticaland Applied Information Technology Vol.95, No.5, pp.1124-1132, 2017.

7 Published a paper entitled " "WIRELESS SOLUTION FOR SMART AGRICULTURE

USING INTEL GALILEO (Gen 2)" International Journal of Innovation and Scientific

Research ISSN 2351-8014 Vol. 22 No. 2 Apr. 2016, pp. 341-347

8 Published a paper entitled "Increasing the Lifetime of Wireless Sensor Networks UsingRH- FBR Technique" in International Journal of Applied Engineering Research,(IJAER)Listed in Annexure –II Anna University Chennai Vol. 10 No.20 pp 18554 – 18559(ISSN 0973-4562)

9 Published a paper entitled" Efficient Power Distribution with Monitoring and ControlUsing Arduino" in International Journal of Advanced Information Science andTechnology (IJAIST) Vol.34, No.34, February 2015 pp 652 -655 (ISSN: 2319:2682)