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Specialization: Wireless Network Security, Trust Computing, Internet of Things

Publication Details

S.No	Title	Cited by	Year of Publication
1.	S Sharanya, Revathi Venkataraman,"An intelligent Context Based Multi-layered Bayesian Inferential predictive analytic framework for classifying machine states"Journal of Ambient Intelligence and Humanized Computing, 1-9.		2020
2.	R Mythili, Revathi Venkataraman,"Proof of Policy (PoP): A New Attribute-Based Blockchain Consensus Protocol",Computational Methods and Data Engineering, 451-464		2020
3.	X Zhou, R Gururajan, Y Li, Revathi Venkataraman, X Tao, G Bargshady, "A survey on text classification and its applications",Web Intelligence, 1-12		2020
4.	V Moorthy, Revathi Venkataraman, R Gururajan," Bayesian trust analysis of flooding attacks in distributed software defined networking nodes",Journal of Ambient Intelligence and Humanized Computing, 1-10		2020
5.	R Deepa, V Moorthy, Revathi Venkataraman, SS Kundu,"Smart Farming Implementation using Phase based IOT System",2020 International Conference on Communication and Signal Processing (ICCSP ...		2020

6.	V Moorthy, Revathi Venkataraman, TR Rao,"Security and privacy attacks during data communication in Software Defined Mobile Clouds"Computer Communications 153, 515-526	3	2020
7.	R Mythili, Revathi Venkataraman, TS Raj,"An attribute-based lightweight cloud data access control using hypergraph structure"The Journal of Supercomputing, 1-25		2020
8.	G Srivastava, CNS Vinoth Kumar, V Kavitha, N Parthiban,"Two-stage data encryption using chaotic neural networks",Journal of Intelligent & Fuzzy Systems, 1-8	3	2020
9.	G Abirami, Revathi Venkataraman,"Performance Analysis of ABAC and ABAC with Trust (ABAC-T) in Fine Grained Access Control Model",2019 11th International Conference on Advanced Computing (ICoAC), 372-375.		2019
10.	S Ravindran, V Moorthy, Revathi Venkataraman,"An Approach to Secure Software Defined Network against Botnet Attack,Journal of Physics: Conference Series 1362 (1), 012127.		2019
11.	A Rajalakshmi, KA Sunitha, Revathi Venkataraman,"A Survey on Neonatal Incubator Monitoring System", Journal of Physics: Conference Series 1362 (1), 012128	3	2019
12.	G Abirami, Revathi Venkataraman,"Attribute Based Access Control with Trust Calculation (ABAC-T) for Decision Policies of Health Care in Pervasive Environment",IJITEE .	1	2019
13.	Revathi Venkataraman,"EODC: An energy optimized dynamic clustering protocol for wireless sensor network using PSO approach",International Journal of Computers Communications & Control 14 (2), 183-198	5	2019
14.	C Jothikumar, Revathi Venkataraman, T Sai Raj, R Selva,"An energy efficient cluster based routing approach to minimize energy consumption using CORP in wireless sensor	1	2019

	networks”,Journal of Intelligent & Fuzzy Systems 36 (6), 5835-5844		
15.	S Sharanya, Revathi Venkataraman,”Empirical Analysis of Machine Learning Algorithms in Fault Diagnosis of Coolant Tower in Nuclear Power Plants”,International Conference On Computational Vision and Bio Inspired Computing.		2018
16.	R Vijay, TR Rao, Revathi Venkataraman, MS Vasanthi,”Design of penta-band low noise amplifier with integrated active antenna for vehicular communications”,International Journal of Microwave and Wireless Technologies 9 (9), 1883.		2017
17.	Ramya, T Rama Rao, Revathi Venkataraman,”Concurrent multi-band low-noise amplifier,Journal of Circuits, Systems and Computers 26 (06), 1750104.	3	2017
18.	C Jothikumar, Revathi Venkataraman,”HEOC: Hierarchical and energy optimized clustering based routing approach for wireless sensor networks”ARPN Journal of Engineering and Applied Science 12 (1).	1	2017
19.	R Vijay, TR Rao, Revathi Venkataraman,”Design of Penta-Band Low Noise Amplifier, 2016 ,IEEE Annual India Conference (INDICON), 1-4.	1	2016
20.	M Pushpalatha, Revathi Venkataraman, KSornalakshmi,”Energy Efficient Collection Tree Protocol in Wireless Sensor Networks”,Indian Journal of Science and Technology 9, 45.		2016
21.	C Jothikumar, R Venkatraman,”A Review of Hierarchical Routing Protocol for Wireless Sensor Network”,Indian Journal of Science and Technology 9 (32), 1-10.	10	2016
22.	R Vijay, TR Rao, Revathi Venkataraman,”Penta-band active integrated spiral antenna 2016, IEEE 5th Asia-Pacific Conference on Antennas and Propagation (APCAP).		2016

23.	Revathi Venkataraman ,S Sankaran, G Krishnaiah, PM Rao, PK Vivekanand, “Understanding ignition over pressure during start up of typical scaled down solid rocket motors, Indian Journal of Science and Technology 8 (5), 481-488.	3	2015
24.	Revathi Venkataraman, S Moeller, B Krishnamachari, TR Rao,” Trust–based backpressure routing in wireless sensor networks” International Journal of Sensor Networks 17 (1), 27-39.	13	2015
25.	M Pushpalatha, T Ramarao, Revathi Venkataraman,”Applicability of sub graph centrality to improve data accessibility among peers in MANETs”Peer-to-peer networking and applications 7 (2), 129-146	6	2014
26.	R Venkatraman, S Sankaran, SVS Rao, P Krishnaiah, T Sundararajan,”Investigation on the ignition over pressure related to launch vehicle lift-off”,Indian Journal of Science and Technology 71 (1), 86-94	5	2014