

**Dr.T.Purushothaman**

<b>S.No</b>	<b>Publication Detail</b>	<b>Year</b>
1.	A Temperature Gradient based Harvesting of Solar Energy using a TEG Device P Pitchandi, M Rajendran, Asian Journal of Research in Social Sciences and Humanities 7 (1), 784-795	2017
2.	Action based color captcha approach based on human cognitive factor in web applications, S Thangavelu, T Purusothaman, G Gowrison, Asian Journal of Research in Social Sciences and Humanities 7 (2), 784-795	2017
3.	Emoji CAPTCHA: a secured picture character approach against OCR Attacks, S Thangavelu, T Purusothaman, G Gowrison, Prevent 7 (1), 265-269	2017
4.	Hierarchical tree structure based clustering schemes for secure group communication, SJ Begum, T Purusothaman, Mobile Networks and Applications 21 (3), 550-560	2016
5.	Hybrid Group Key Management Architecture for Multicast Applications, K Saravanan, T Purusothaman, International Information Institute (Tokyo). Information 19 (3), 1027	2016
6.	Design and Development of Reliable Energy based Efficient Protocol for Improving Fault Tolerance in MANET, N Suma, T Purusothaman, Asian Journal of Research in Social Sciences and Humanities 6 (11), 15-25	2015
7.	Hybrid Broadcast Group Management Protocol for Secure, Scalable and Efficient Group Communication, M Sayee Kumar, T Purusothaman, Journal of Computer Science 11 (2), 344	2015
8.	Hierarchical Tree Structure Based Clustering Schemes for Secure Group Communication, SJ Begum, T Purusothaman, Mobile Networks and Applications, 1-11	2015
9.	Optimizing batch rekeying interval for secure group communication based on queuing model, A Vasanthi, T Purusothaman, Journal of Computer Science 10 (2), 325	2014
10.	Certain investigations on scheduling Algorithms in computational grid With economic and deadline Considerations, T Purusothaman	2014
11.	INTERNATIONAL JOURNAL OF RESEARCH IN COMPUTER APPLICATIONS AND ROBOTICS, A Vasanthi, T Purusothaman	2014
12.	USAGE OF FIREFLY ALGORITHM IN VIGNERE CIPHER TO REDUCE VARIABLE LENGTH KEY SEARCH TIME., V RAJENDRAN, T PURUSOTHAMAN, Journal of Theoretical & Applied Information Technology 56 (1)	2013
13.	Concealing party-centric sensitive rules in a centralized data source, M Rajalakshmi, T Purusothaman, International Journal of Machine Learning and Cybernetics 4 (5), 515-525	2013
14.	A new utility-emphasized analysis for stock trading rules, S Shankar, T Purusothaman, Intelligent Data Analysis 17 (2), 271-294	2013
15.	A Performance Analysis on Cluster Based Group Key Management Schemes in Multicast Network, NMS Kumar, T Purusothaman, S Lavanya, Archives Des Sciences 66 (2)	2013
16.	An Efficient Routing Protocol for Wireless Sensor Networks, K KE, T PURUSOTHAMAN, Life Science Journal 10 (2)	2013

17.	New interest propagation mechanism in directed diffusion protocol for mobile sensor networks,KE Kannammal, T Purusothaman,Eur J Sci Res 68 (1), 36-42	2012
18.	SEGKMS: Scalable and Efficient Group Key Management Scheme in Multicast Networks,NMS Kumar, T Purusothaman,European Journal of Scientific Research 89 (3), 394-408	2012
19.	IPSD: new coverage preserving and connectivity maintenance scheme for improving lifetime of wireless sensor networks,A Balamurugan, T Purusothaman,WSEAS Trans. Commun 11 (1)	2012
20.	Cryptanalysis of simple block ciphers using extensive heuristic attacks,G Selvi, T Purusothaman, Eur J Sci Res 78, 198-221	2012
21.	A Cross Layer Frame Work for Enhanced Quality of Service Provisioning in Worldwide Interoperability for Microwave Access Networks,S Kumar, T Purusothaman,Journal of Computer Science 8 (3), 420	2012
22.	FPGA implementation of low power high speed square root circuits,KN Vijeyakumar, V Sumathy, P Vasakipriya, A Dinesh Babu,Computational Intelligence & Computing Research (ICCIC), 2012 IEEE	2012
23.	Performance of Improved Directed Diffusion Protocol for Sensor Networks under Different Mobility Models, KE Kannammal, T Purusothaman,Journal of Computer Science 8 (5), 694	2012
24.	Efficient star topology based multicast key management algorithm,K Saravanan, T Purusothaman, Journal of Computer Science 8 (6), 951	2012
25.	6 Job Scheduling Model with Job Sequencing and Prioritizing Strategy in Grid Computing, A. R. Jayasudha, T. Purusothaman, International Journal of Computer Applications 46 (24)	2012
26.	A multi-agent based data replication mechanism for mobile grid, T Senthilnathan, T Purusothaman, American Journal of Applied Sciences 9 (4), 542	2012
27.	Collusion-Free Privacy Preserving Data Mining,T Purusothaman, M Rajalakshmi, S Pratheeba, Insights into Advancements in Intelligent Information Technologies	2012
28.	Logical Tree Based Routing for Energy Efficient Wireless Sensor Networks, N Suma, T Purusothaman, European Journal of Scientific Research 87 (4), 504-511	2012
29.	Self-Protected Mobile Agent Approach for Distributed Intrusion Detection System against DDoS Attacks, P Marikkannu, JJA Jovin, T Purusothaman, International Journal of Information and Electronics Engineering 2 (4), 606	2012
30.	ESGIA: Extensible service based grid information aggregator, D Surendran, T Purusothaman, RA Balachandar, G Kousalya, International Journal of Computer Systems Science & Engineering 27 (4), 267-274	2012
31.	Explicit Allocation Strategy with Deadline and Budget Constraint Algorithm in Bag of Tasks Grid, MS Kumar, T Purusothaman Journal of Computer Science 8 (7), 1108	2012

32.	Multimodal Personal Authentication with Fingerprint, Speech and Teeth Traits using SVM Classifier,AJ Basha, V Palanisamy, T Purusothaman, European Journal of Scientific Research 76 (3), 463-473	2012
33.	An Enhanced Star Topology based Multicast Key Management Algorithm,K Saravanan, T Purusothaman,European Journal of Scientific Research 75 (4), 482-489	2012
34.	Secured Autonomous Key Management with Bai's Secret Sharing Scheme,NM SaravanaKumar, T Purusothaman, Wireless Communication 4 (10), 556-561	2012
35.	An enhanced scheduling scheme for QoS guarantee using channel state information in WiMAX networks, SJKJ Kumar, T Purusothaman,European Journal of Scientific Research 64 (2), 285-292	2011
36.	Fault-tolerant adaptive mobile agent system using dynamic role based access control,P Marikkannu, JJA Jovin, T Purusothaman,International Journal of Computer Applications 20 (2), 1-6	2011
37.	A generic interface for resource aggregation in grid of grids,D Surendran, T Purusothaman, RA Balachandar, International Journal of Information Technology, Communications and .	2011
38.	Performance Analysis of Clustering Algorithms in Brain Tumor Detection of MR Images,P TamijeSelvy, V Palanisamy, T Purusothaman,European Journal of Scientific Research 63 (3)	2011
39.	AFDB security protocol against colluded truncation attack in free roaming mobile agent environment,P Marikkannu, R Murugesan, T Purusothaman,Recent Trends in Information Technology (ICRTIT), 2011 International	2011
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41.	Privacy preserving distributed data mining using randomized site selection,M Rajalakshmi, T Purusothaman,European Journal Of Scientific Research 64 (2), 610-624	2011
42.	Reduction of key search space of vigenere cipher using particle swarm optimization,G Sivagurunathan, T Purusothaman, Journal of computer science 7 (11), 1633	2011
43.	Performance analysis of a resource aggregator in a grid of grids environment, D Surendran, T Purusothaman, RA Balachandar, International Journal of Computer Systems Science & Engineering 26 (4), 293-306	2011
44.	A secure simple authenticated key exchange algorithm based authentication for social network, P Venkateswari, T Purusothaman, Journal of Computer Science 7 (8), 1152	2011
45.	USABILITY AND SECURITY ASPECTS OF SOCIAL NETWORK SITES (SNS), P Venkateswari, T Purusothaman, DIGITAL WORLD 2 (04)	2011
46.	Survey on Improvisation of Medium Access Protocol for Wireless Sensors Networks, BN Naveen, K Manikandan, T Purusothaman, International Journal of Advanced Research in Computer Science 2 (2)	2011

47.	Secured distributed multi-agent role based access control, P Marikkannu, JJ Jovin, T Purusothaman, R Baskaran, Proceedings of the International Conference & Workshop on Emerging Trends in ...	2011
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49.	A Novel Approach for Optimized Multi Site Replica Placement in Mobile Grid, T Senthilnathan, T Purusothaman, European Journal of Scientific Research 63 (3), 325-338	2011
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