

Dr S Ganapathy - INDEXD SCOPUS PUBLICATIONS LIST

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1.	A deep learning approach for effective intrusion detection in wireless networks using CNN	Riyaz, B., Ganapathy, S.	2020	Soft Computing 24(22), pp. 17265-17278
2.	An Energy Efficient Routing Algorithm for WSNs Using Intelligent Fuzzy Rules in Precision Agriculture	Pandiyaraju, V., Logambigai, R., Ganapathy, S., Kannan, A.	2020	Wireless Personal Communications 112(1), pp. 243-259
3.	An improved congestion-aware routing mechanism in sensor networks using fuzzy rule sets	Sangeetha, G., Vijayalakshmi, M., Ganapathy, S., Kannan, A.	2020	Peer-to-Peer Networking and Applications 13(3), pp. 890-904
4.	Intrusion detection using dynamic feature selection and fuzzy temporal decision tree classification for wireless sensor networks	Nancy, P., Muthurajkumar, S., Ganapathy, S., Santhosh Kumar, S.V.N., Selvi, M., Arputharaj, K.	2020	IET Communications 14(5), pp. 888-895
5.	QoS Aware Trust Based Routing Algorithm for Wireless Sensor Networks	Kalidoss, T., Rajasekaran, L., Kanagasabai, K., Sannasi, G., Kannan, A.	2020	Wireless Personal Communications 110(4), pp. 1637-1658
6.	Cloud and IoT based privacy preserved e-Healthcare system using secured storage algorithm and deep learning	Munirathinam, T., Ganapathy, S., Kannan, A.	2020	Journal of Intelligent and Fuzzy Systems 39(3), pp. 3011-3023
7.	EC(DH) ² : An effective secured data storage mechanism for cloud based IoT applications using elliptic curve and Diffie-Hellman	Kavin, B.P., Ganapathy, S.	2020	International Journal of Internet Technology and Secured Transactions 10(5), pp. 601-617
8.	An Energy Efficient Clustered Gravitational and Fuzzy Based Routing Algorithm in WSNs	Selvi, M., Santhosh Kumar, S.V.N., Ganapathy, S., Ayyanar, A., Khanna Nehemiah, H., Kannan, A.	2020	Wireless Personal Communications
9.	Fuzzy-based review rating prediction in e-commerce	Velvizhy, P., Pravi, A., Selvi, M., Ganapathy, S., Kannan, A.	2020	International Journal of Business Intelligence and Data Mining 17(1), pp. 101-116

10.	An Enhanced Security Framework for Secured Data Storage and Communications in Cloud Using ECC, Access Control and LDSA	Prabhu Kavin, B., Ganapathy, S., Kanimozhi, U., Kannan, A.	2020	Wireless Personal Communications
11.	A trusted fuzzy based stable and secure routing algorithm for effective communication in mobile adhoc networks	Rajeswari, A.R., Kulothungan, K., Ganapathy, S., Kannan, A.	2019	Peer-to-Peer Networking and Applications 12(5), pp. 1076-1096
12.	Feature reduction using Lasso hybrid algorithm in wireless intrusion detection system	Sudaroli Vijayakumar, D., Ganapathy, S.	2019	International Journal of Innovative Technology and Exploring Engineering 8(11), pp. 1476-1483
13.	A rule based delay constrained energy efficient routing technique for wireless sensor networks	Selvi, M., Velvizhy, P., Ganapathy, S., Nehemiah, H.K., Kannan, A.	2019	Cluster Computing 22, pp. 10839-10848
14.	A novel M-commerce data security mechanism using elliptic curve cryptography	Prabhu Kavin, B., Ganapathy, S.	2019	International Journal of Innovative Technology and Exploring Engineering 8(10), pp. 847-851
15.	An intelligent fuzzy rule-based e-learning recommendation system for dynamic user interests	Pariserum Perumal, S., Sannasi, G., Arputharaj, K.	2019	Journal of Supercomputing 75(8), pp. 5145-5160
16.	Trust aware svm based ids for mitigating the malicious nodes in manet	Rajeswari, A.R., Kulothungan, K., Ganapathy, S., Kannan, A.	2019	International Journal of Innovative Technology and Exploring Engineering 8(8), pp. 185-197
17.	An Intelligent Risk Prediction System for Breast Cancer Using Fuzzy Temporal Rules	Kanimozhi, U., Ganapathy, S., Manjula, D., Kannan, A.	2019	National Academy Science Letters 42(3), pp. 227-232
18.	An Energy Aware Trust Based Secure Routing Algorithm for Effective Communication in Wireless Sensor Networks	Selvi, M., Thangaramya, K., Ganapathy, S., Kulothungan, K., Khannah Nehemiah, H., Kannan, A.	2019	Wireless Personal Communications 105(4), pp. 1475-1490

19.	An Intelligent Fuzzy Rule based Feature Selection for Effective Intrusion Detection	Riyaz, B., Ganapathy, S.	2019	Proceedings of the 2018 International Conference on Recent Trends in Advanced Computing, ICRTAC-CPS 2018 pp. 206-211
20.	Energy aware cluster and neuro-fuzzy based routing algorithm for wireless sensor networks in IoT	Thangaramya, K., Kulothungan, K., Logambigai, R., Selvi, M., Ganapathy, S., Kannan, A.	2019	Computer Networks 151, pp. 211-223
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25.	Optimal and Energy Efficient Scheduling Techniques for Resource Management in Public Cloud Networks	Muthurajkumar, S., Vijayalakshmi, M., Kannan, A., Ganapathy, S.	2018	National Academy Science Letters 41(4), pp. 219-223
26.	Energy-efficient grid-based routing algorithm using intelligent fuzzy rules for wireless sensor networks	Logambigai, R., Ganapathy, S., Kannan, A.	2018	Computers and Electrical Engineering 68, pp. 62-75
27.	Identification and classification of pulmonary nodule in lung modality using digital computer	Jeyapaul, V.K.T., Naidu, L., Nehemiah, H.K., Sannasi, G., Arputharaj, K.	2018	Applied Mathematics and Information Sciences 12(2), pp. 451-459
28.	A heuristic path search for congestion control in WSN	Sangeetha, G., Vijayalakshmi,	2018	Lecture Notes in Networks and

		M., Ganapathy, S., Kannan, A.		Systems 11, pp. 485-495
29.	Data anonymisation of vertically partitioned data using Map Reduce techniques on cloud	Kalidoss, T., Sannasi, G., Lakshmanan, S., Kanagasabai, K., Kannan, A.	2018	International Journal of Communication Networks and Distributed Systems 20(4), pp. 519-531
30.	Virtual force-based intelligent clustering for energy-efficient routing in mobile wireless sensor networks	Munuswamy, S., Saravanakumar, J.M., Sannasi, G., Harichandran, K.N., Arputharaj, K.	2018	Turkish Journal of Electrical Engineering and Computer Sciences 26(3), pp. 1444-1452
31.	Mining target opinions from online reviews using semi-supervised word alignment model	Sadhana, S.A., Sairamesh, L., Sabena, S., Ganapathy, S., Kannan, A.	2017	Proceedings - 2017 2nd International Conference on Recent Trends and Challenges in Computational Models, ICRTCCM 2017 pp. 196-200
32.	An intelligent agent and FSO based efficient routing algorithm for wireless sensor network	Selvi, M., Logambigai, R., Ganapathy, S., Khanna Nehemiah, H., Arputharaj, K.	2017	Proceedings - 2017 2nd International Conference on Recent Trends and Challenges in Computational Models, ICRTCCM 2017 pp. 100-105
33.	An Intelligent Secured and Energy Efficient Routing Algorithm for MANETs	Muthurajkumar, S., Ganapathy, S., Vijayalakshmi, M., Kannan, A.	2017	Wireless Personal Communications 96(2), pp. 1753-1769
34.	Intelligent medical data storage system using machine learning approach	Saranya, M.S., Selvi, M., Ganapathy, S., Muthurajkumar, S., Ramesh, L.S., Kannan, A.	2017	2016 8th International Conference on Advanced Computing, ICoAC 2016 pp. 191-195
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				2016 pp. 146-150
36.	Cloud based POS system for secured smart shopping cart using RFID	Subbulakshmi, P., Sumathi, V., Ganapathy, S.	2017	Journal of Advanced Research in Dynamical and Control Systems 9, pp. 2764-2774
37.	Agent based intelligent approach for the malware detection for infected cloud data storage files	Muthurajkumar, S., Vijayalakshmi, M., Ganapathy, S., Kannan, A.	2016	ICoAC 2015 - 7th International Conference on Advanced Computing
38.	Dynamic scheduling algorithm for reducing start time in hadoop	Gunasekaran, S., Sairamesh, L., Anna, S.S., Selvakumar, K., Ganapathy, S., Kannan, A.	2016	ACM International Conference Proceeding Series 25-26-August-2016
39.	Fuzzy temporal approach for energy efficient routing in	Selvi, M., Logambigai, R., Ganapathy, S., Ramesh, L.S., Nehemiah, H.K., Arputharaj, K.	2016	ACM International Conference Proceeding Series 25-26-August-2016
40.	Intelligent data gathering and energy efficient routing algorithm for mobile wireless sensor networks	Jothi Muneeswari, S., Ganapathy, S., Kannan, A.	2016	Asian Journal of Information Technology 15(5), pp. 921-927
41.	An intelligent CRF based feature selection for effective intrusion detection	Ganapathy, S., Vijayakumar, P., Yogesh, P., Kannan, A.	2016	International Arab Journal of Information Technology 13(1), pp. 44-50
42.	Prediction of user interests for providing relevant information using relevance feedback and re-ranking	Sai Ramesh, L., Ganapathy, S., Bhuvaneshwar, R., Kulothungan, K., Pandiyaraju, V., Kannan, A.	2015	International Journal of Intelligent Information Technologies 11(4), pp. 55-71
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44.	Neuro fuzzy link based classifier for the analysis of behavior models in social networks	Ponnuvel, I.P., Kumar, G.D., Arputharaj, K., Sannasi, G.	2014	Journal of Computer Science 10(4), pp. 578-584
45.	An intelligent neuro fuzzy	Sethukkarasi,	2014	Journal of

	temporal knowledge representation model for mining temporal patterns	R., Ganapathy, S., Yogesh, P., Kannan, A.		Intelligent and Fuzzy Systems 26(3), pp. 1167-1178
46.	An intelligent intrusion detection system for cloud databases using effective feature selection and classification	Sai Ramesh, L., Muthurajkumar, S., Ganapathy, S., Vijayalakshmi, M., Kannan, A.	2014	International Journal of Applied Engineering Research 9(21), pp. 11693-11700
47.	Behaviour analysis model for social networks using genetic weighted fuzzy C-means clustering and neuro-fuzzy classifier	Indira Priya, P., Ghosh, D.K., Kannan, A., Ganapathy, S.	2014	International Journal of Soft Computing 9(3), pp. 138-142
48.	An intelligent temporal pattern classification system using fuzzy temporal rules and particle swarm optimization	Ganapathy, S., Sethukkarasi, R., Yogesh, P., Vijayakumar, P., Kannan, A.	2014	Sadhana - Academy Proceedings in Engineering Sciences 39(2), pp. 283-302
49.	Intelligent feature selection and classification techniques for intrusion detection in networks: A survey	Ganapathy, S., Kulothungan, K., Muthurajkumar, S., Vijayalakshmi, M., Yogesh, L., Kannan, A.	2013	Eurasip Journal on Wireless Communications and Networking 2013(1)
50.	An intelligent intrusion detection system for ad hoc networks	Ganapathy, S., Kulothungan, K., Yogesh, P., Kannan, A.	2012	IET Conference Publications 2012(624 CP), pp. 430-434
51.	Intelligent agent-based intrusion detection system using enhanced multiclass SVM	Ganapathy, S., Yogesh, P., Kannan, A.	2012	Computational Intelligence and Neuroscience 2012
52.	Palmprint feature extraction approach using nonsubsampling contourlet transform and orthogonal moments	Vijilious, M.A.L., Ganapathy, S., Bharathi, V.S., Mohammed Junaid, K.A.	2012	ACM International Conference Proceeding Series pp. 735-739
53.	An intelligent agent based intrusion detection system using fuzzy rough set based outlier detection	Jaisankar, N., Ganapathy, S., Yogesh, P., Kannan, A., Anand, K.	2012	Studies in Computational Intelligence 395, pp. 147-153
54.	A rule based approach for attribute selection and intrusion detection in wireless sensor networks	Anand, K., Ganapathy, S., Kulothungan, K., Yogesh, P., Kannan, A.	2012	Procedia Engineering 38, pp. 1658-1664

55.	A novel weighted fuzzy C -means clustering based on immune genetic algorithm for intrusion detection	Ganapathy, S., Kulothungan, K., Yogesh, P., Kannan, A.	2012	Procedia Engineering 38, pp. 1750-1757
56.	Intelligent secured fault tolerant routing in wireless sensor networks using clustering approach	Kulothungan, K., Ganapathy, S., Indira Gandhi, S., Yogesh, P., Kannan, A.	2011	International Journal of Soft Computing 6(5), pp. 210-215
57.	An intelligent system for intrusion detection using outlier detection	Ganapathy, S., Jaisankar, N., Yogesh, P., Kannan, A.	2011	International Conference on Recent Trends in Information Technology, ICRTIT 2011 pp. 119-123
58.	An intelligent intrusion detection system for mobile ad-hoc networks using classification techniques	Ganapathy, S., Yogesh, P., Kannan, A.	2011	Communications in Computer and Information Science 148 CCIS, pp. 117-122
