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List of Publications

SCI Journals

1. Periyasamy Nancy, Sannasy Muthurajkumar, **Sannasi Ganapathy**, S. V. N. Santhosh Kumar, M. Selvi, Kannan Arputharaj: Intrusion detection using dynamic feature selection and fuzzy temporal decision tree classification for wireless sensor networks. *IET Communications* 14(5): 888-895 (2020) [**IF: 1.664**]
2. Ganesan Sangeetha, Muthuswamy Vijayalakshmi, **Sannasi Ganapathy**, Arputharaj Kannan: An improved congestion-aware routing mechanism in sensor networks using fuzzy rule sets. *Peer Peer Netw. Appl.* 13(3): 890-904 (2020) [**IF: 2.793**]
3. Thangaramya Kalidoss, Logambigai Rajasekaran, Kulothungan Kanagasabai, **Ganapathy Sannasi**, Arputharaj Kannan: QoS Aware Trust Based Routing Algorithm for Wireless Sensor Networks. *Wirel. Pers. Commun.* 110(4): 1637-1658 (2020) [**IF: 1.061**]
4. V.Pandiyaraju, Logambigai Rajasekaran, **Sannasi Ganapathy**, Arputharaj Kannan: An Energy Efficient Routing Algorithm for WSNs Using Intelligent Fuzzy Rules in Precision Agriculture. *Wirel. Pers. Commun.* 112(1): 243-259 (2020) [**IF: 1.061**]
5. M Selvi, SVNS Kumar, **S Ganapathy**, A Ayyanar, HK Nehemiah, A Kannan, "An Energy Efficient Clustered Gravitational and Fuzzy Based Routing Algorithm in WSNs", *Wireless Personal Communications*, 1-30, 2020. [**IF: 1.061**]
6. S Munuswamy, MS Saranya, **S Ganapathy**, S Muthurajkumar, A Kannan, "Sentiment Analysis Techniques for Social Media-Based Recommendation Systems", *National Academy Science Letters*, 1-7, 2020. [**IF: 0.416**]
7. BP Kavin, **S Ganapathy**, U Kanimozhi, A Kannan, "An Enhanced Security Framework for Secured Data Storage and Communications in Cloud Using ECC, Access Control and LDSA", *Wireless Personal Communications*, 1-29, 2020. [**IF: 1.061**]

8. B Riyaz, **S Ganapathy**, "A deep learning approach for effective intrusion detection in wireless networks using CNN", *Soft Computing*, 1-14, 2020. [IF:3.050]
9. M. Selvi, P. Velvizhy, **Sannasi Ganapathy**, H. Khanna Nehemiah, Arputharaj Kannan: A rule based delay constrained energy efficient routing technique for wireless sensor networks. *Cluster Computing* 22(5): 10839-10848 (2019) [IF:3.458]
10. Balasubramanian Prabhu Kavın, **Sannasi Ganapathy**: A secured storage and privacy-preserving model using CRT for providing security on cloud and IoT-based applications. *Comput. Networks* 151: 181-190 (2019) [IF: 3.111]
11. Thangaramya Kalidoss, Kanagasabai Kulothungan, Logambigai Rajasekaran, M. Selvi, **Sannasi Ganapathy**, Arputharaj Kannan: Energy aware cluster and neuro-fuzzy based routing algorithm for wireless sensor networks in IoT. *Comput. Networks* 151: 211-223 (2019) [IF: 3.111]
12. R. Rajeswari, Kanagasabai Kulothungan, **Sannasi Ganapathy**, Arputharaj Kannan: A trusted fuzzy based stable and secure routing algorithm for effective communication in mobile adhoc networks. *Peer Peer Netw. Appl.* 12(5): 1076-1096 (2019) [IF: 2.793]
13. Sankar Pariserum Perumal, **Sannasi Ganapathy**, Kannan Arputharaj: An intelligent fuzzy rule-based e-learning recommendation system for dynamic user interests. *J. Super comput.* 75(8): 5145-5160 (2019) [IF:2.465]
14. M. Selvi, Thangaramya Kalidoss, **Sannasi Ganapathy**, Kanagasabai Kulothungan, H. Khannah Nehemiah, Arputharaj Kannan: An Energy Aware Trust Based Secure Routing Algorithm for Effective Communication in Wireless Sensor Networks. *Wirel. Pers. Commun.* 105(4): 1475-1490 (2019) [IF: 1.061]
15. Rajasekar Logambigai, **Sannasi Ganapathy**, Arputharaj Kannan: Energy-efficient grid-based routing algorithm using intelligent fuzzy rules for wireless sensor networks. *Comput. Electr. Eng.* 68: 62-75 (2018) [IF: 2.663]
16. S Muthurajkumar, M Vijayalakshmi, A Kannan, **S Ganapathy**, "Optimal and Energy Efficient Scheduling Techniques for Resource Management in Public Cloud Networks", *National Academy Science Letters* 41 (4), 219-223, 2018. [IF: 0.461]
17. MUNUSWAMY Selvi, SARAVANAKUMAR Jothi Muneeswari, **SANNASI Ganapathy**, HARICHANDRAN Khanna Nehemiah, ARPUTHARAJ Kannan, "Virtual force based intelligent clustering for energy efficient routing in mobile wireless sensor networks",

TURKISH Journal of Electrical Engineering and Computer Sciences, Vol. 26, No.3, pp. 1444-1452, 2018.

18. TJ Vijay Kumar, N Lavanya, H Khanna Nehemiah, **S Ganapathy**, A.Kannan, "Identification and Classification of Pulmonary Nodule in Lung Modality Using Digital Computer", Appl. Math. Inf. Sci. 12 (2), 451-459, 2018. [IF: 1.232]
19. **GanapathySannasi**, PandiVijayakumar, PalanichamyYogesh, ArputharajKannan, "An Intelligent CRF Based Feature Selection for Effective Intrusion Detection", *International Arab Journal of Information Technology (IAJIT)*, Vol.13, No.1, pp. 1-16, 2016. [IF:0.724]
20. Muthurajkumar S, **Ganapathy S**, Vijayalakshmi M, Kannan A, " An Intelligent Secured and Energy Efficient Routing Algorithm for MANETs", *Wireless Personal Communications, Springer*, Vol.96, No.2, pp. 1753–1769, 2017.[IF: 0.701]

SCOPUS Journal

1. Sankar Perumal, **Sannasi Ganapathy**, Arputharaj Kannan, "FIRMACA - Fuzzy Intelligent Recommendation Model Using Ant Clustering Algorithm for Social Networking", SN Applied Sciences, Springer- Accepted for publication.
2. P. Velvizhy, A. Pravi, M. Selvi, **Sannasi Ganapathy**, Arputharaj Kannan: Fuzzy-based review rating prediction in e-commerce. Int. J. Bus. Intell. Data Min. 17(1): 101-116 (2020)
3. Sankar Pariserum Perumal, **Ganapathy Sannasi**, Kannan Arputharaj: REFERS: refined and effective fuzzy e-commerce recommendation system. Int. J. Bus. Intell. Data Min. 17(1): 117-137 (2020)
4. BP Kavin, **S Ganapathy**, P Suthanthiramani, A Kannan, "A modified digital signature algorithm to improve the biomedical image integrity in cloud environment", *Advances in Computational Techniques for Biomedical Image Analysis*, 253-271, 2020.
5. M Selvi, K Thangaramya, MS Saranya, K Kulothungan, **S Ganapathy**, A.Kannan, "Classification of Medical Dataset Along with Topic Modeling Using LDA", *Nanoelectronics, Circuits and Communication Systems*, 1-11, 2019.

6. Kalidoss Thangaramya, **Sannasi Ganapathy**, Lakshmanan Sairamesh, Kanagasabai Kulothungan, Kannan Arputharaj, "Data anonymisation of vertically partitioned data using Map Reduce techniques on cloud", *International Journal of Communication Networks and Distributed Systems*, Vol. 20, No.4, pp.519-531, 2018.
7. Ganesan Sangeetha, Muthuswamy Vijayalakshmi, **Sannasi Ganapathy**, Arputharaj Kannan, "A heuristic path search for congestion control in WSN", *Industry Interactive Innovations in Science, Engineering and Technology*, pp.485-495, 2018.
8. L Sai Ramesh, SannasiGanapathy, R Bhuvaneshwari, KanagasabaiKulothungan, V Pandiyaraju, ArputharajKannan, "Prediction of User Interests for Providing Relevant Information Using Relevance Feedback and Re-ranking", *International Journal of Intelligent Information Technologies (IJIIT)*, IGI Global, Vol. 11, No. 4, pp. 55-71, 2015.