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List of Journal Publications:

1. Saravanan and **P Sudhakar**, ‘Analysis of mobile internet speed, signal strength and FMDH antenna design for improved internet speed’, Journal of Super Computing, Volume 76, Number 6, Jun 2020, pp. 4449-4475. 10.1007/s11227-018-2382-x.
SCI, Impact Factor: 2.469
2. P. S. Ramesh, S. Arivalagan and **P. Sudhakar**, ‘An Enhanced Approach to detect Alzheimer Disease in patients based on Spectral Domain Optical Coherence Tomography’, Journal of Advanced Research in Dynamical and Control Systems, Vol. 11, Special Issue 05, pp. 1827-1836, May (2019).
Scopus, Impact Factor: 0.4
3. P. S. Ramesh, S. Arivalagan and **P. Sudhakar**, ‘Analysis of various Methods for Diagnosing Alzheimer Disease and their Performances’, International Journal of Advanced Trends in Computer Science and Engineering, Vol. 8(3), pp. 755-757, May-June (2019)
Scopus, Impact Factor: 0.6
4. S. Vijay Ananth, **P. Sudhakar**, K. Sundari, Nibi Maouriyar, R. Raghavi and S. Arivalagan, ‘Data Hiding in Thermal Image using Levenberg Marquardt Technique’, International Journal of Recent Technology and Engineering, Vol. 8(1S4), pp. 421-424, June (2019)
Scopus, Impact Factor: 0.4
5. R. Bhuvaneeswari, **P. Sudhakar** and G. Prabakaran, ‘Heart Disease Prediction Model based On gradient Boosting Tree (GBT) Classification Algorithm’, International Journal of Recent Technology and Engineering, Vol. 8, No. 2S11, pp. 41-51, (2019)
Scopus, Impact Factor: 0.3

6. H. Anwer Bhasha, S. Arivalagan, **P. Sudhakar** and R.P. Narmadha, 'A New Deterministic Code Collection Technique for Data Compression in Wireless Sensor Networks', International Journal of Recent Technology and Engineering, Vol. 7(5C), pp. 80-86, April (2019).
Scopus, Impact Factor: 0.3
7. R. P. Jaia Priyanka, S. Arivalagan and **P. Sudhakar**, 'Efficient Collaborative Filtering Based Recommendation System for Business Promotions Using Deep Neural Network', International Journal of Recent Technology and Engineering, Vol. 7(5S3), pp. 125-133, May (2019).
Scopus, Impact Factor: 0.3
8. Dhanavijayan Ramakrishnan and **P. Sudhakar**, 'Unified Particle Swarm Optimization Based Distributed Generation Placement in Radial Power Systems', International Journal of Intelligent Engineering and Systems, Vol. 11(1), pp. 104-112, (2018).
Scopus, Impact Factor: 0.4
9. Zeenath A and **P. Sudhakar**, 'Design of Filter for Detection of Knee Osteoarthritis using Pattern Recognition', International Journal of Pure and Applied Mathematics, Vol. 119(7), pp. 869-874, (2018).
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10. Saravanan S and **P. Sudhakar**, 'Analysis of mobile internet speed, signal strength and FMDH antenna design for improved internet speed', Journal of Super Computing, Springer, <https://doi.org/10.1007/s11227-018-2382-x>, pp. 1-27, May (2018)
SCI, Impact Factor: 2.6
11. Gayathri R and **P. Sudhakar**, 'An ABC Optimized Data Migration And DE duplication In Secure Cloud Environment', Journal of Advanced Research in Dynamical and Control Systems, Vol. 10 (13), pp. 1192-1198, December (2018).
Scopus, Impact Factor: 0.4
12. Saranya L and **P. Sudhakar**, 'A Novel Approach for Scene Image Classification using Transform based Ordered Mean Vector', Journal of Advanced Research in Dynamical and Control Systems, Vol. 10 (13), pp. 2545- 2550, December (2018).
Scopus, Impact Factor: 0.4
13. Malathi S and **P. Sudhakar**, 'Reusability of a Software using Feature Oriented Domain Analysis Method', Advances in Natural and Applied Sciences Journal, Vol. 11(4), pp. 599-604, April (2017).
Scopus, Impact Factor: 0.2
14. Kumar K and **P. Sudhakar**, 'Performance study and challenges for algorithms mining rare and correlated items in video dataset', ARPN Journal of Engineering and Applied Sciences, Vol. 12(19), pp. 5489-5493, October (2017).
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15. Saravanan S and **P. Sudhakar**, 'Telemedicine Technology using Internet Communication', International Journal of Pure and Applied Mathematics, Vol. 115(6), pp. 147-156, (2017).
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16. Dhanavijayan Ramakrishnan and **P. Sudhakarushparajan**, 'Unified Particle Swarm Optimization based Feeder Reconfiguration for Radial Distribution Systems', International Journal of Pure and Applied Mathematics, Vol. 117(21), pp. 953-958, (2017).
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17. Santhosh Kumar K and **P. Sudhakar**, 'Retrieval of Highly Related Documents Containing Gene Disease Association', International Journal Simulation Systems, Science and Technology, Vol. 17(32), pp. 8.1-8.5, August (2016).
Scopus, Impact Factor: 0.7
18. Vijay Ananth S and **P. Sudhakar**, 'Performance Analysis of a Combined Cryptographic and Steganographic Method over Thermal Images using Barcode Encoder', Indian Journal of Science and Technology, Vol. 9(7), pp. 1-5, February (2016).
Scopus, Impact Factor: 0.2
19. Vijay Ananth S and **P. Sudhakar**, 'Retrieval of Visual Image from a highly Robustive and Invisible Thermal Image using Curvelet Transformation Technique', International Journal of Control Theory and Applications, Vol. 9(16), pp. 7763-7772, (2016).
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20. Mahalakshmi K, Manikandan S, Nithyanandham S, Sathyaseelan K A and **P. Sudhakar**, 'Unsupervised Learning Technique using Hybrid Optimization for Non-Functional Requirements Classification', Asian Journal of Information Technology, Vol. 15(9), pp. 1457-1467, (2016).
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21. Mohan S, Venkatachalapathy K and **P. Sudhakar**, 'An Intelligent Recognition System for Identification of Wood Species', Journal of Computer Science (JCS), Vol. 10(07), pp. 1231-1237, (2014).
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22. Mohan S, Venkatachalapathy K and **P. Sudhakar**, 'Hybrid Optimization for Classification of the Wood Knots', Journal of Theoretical and Applied Information Technology (JATIT), Vol. 63(03), pp. 774-780, (2014).
Scopus, Impact Factor: 0.2