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## **LIST OF PUBLICATIONS**

### **INTERNATIONAL JOURNAL**

1. Gunasundari, S. Janakiraman , “Embedded Binary PSO Integrating classical methods for Multilevel Improved Feature Selection in liver disease diagnosis”, Int. J. of Biomedical Engineering and Technology, Inderscience publisher, Vol 31,Issue 2, pp.105 – 136,July 2019, ISSN: 1752 – 6426, (**SJR - 0.24, Annexure 1: 4857 during acceptance, Scopus,Emerging Sources Citation Index (Clarivate Analytics)),**  
<https://dx.doi.org/10.1504/IJBET.2019.102119>
2. S. Gunasundari, S. Janakiraman, MeenambalS, “Multiswarm heterogeneous binary PSO using Win-Win approach for improved feature selection in Liver and Kidney disease diagnosis”, **Computerized Medical Imaging and Graphics** 70 (2018) 135–154, ISSN 0895-6111 (**Elsevier – Impact Factor: 3.750, Annexure 1: 2568, Scopus,SCI Journal),**  
<https://doi.org/10.1016/j.compmedimag.2018.10.003>
3. Gunasundari S, Janakiraman S, Meenambal S, ”Velocity Bounded Boolean PSO for improved feature selection in liver and kidney disease diagnosis, **Expert system with Application**, Sep 2016, Vol 56, Pg 28-47, ISSN 0957-4174 (**Elsevier – Impact Factor: 5.452, Annexure 1: 3811, Scopus, SCI Journal),** <https://doi.org/10.1016/j.eswa.2016.02.042>
4. S.Shefali, S.Gunasundari,” A Survey on Meliorate Data Distribution in Big data”, International Journal for Scientific Research and Development”, Vol 3, Issue 9, Nov 2015, ISSN: 2321 0613, **Impact Factor 4.396**
5. Gunasundari S, Janakiraman S, “Texture analysis of Liver tumor from abdominal Computed tomography in computer aided diagnostic system”, International Journal of Scientific & Engineering Research, 7(3), 54:62, Mar 2016, ISSN 2229-5518, **Impact Factor 4.2,**
6. S. Gunasundari, S. Janakiraman, A Hybrid PSO-SFS-SBS Algorithm in Feature Selection for Liver Cancer Data,Power Electronics and Renewable Energy Systems , **Lecture Notes in Electrical Engineering** Volume 326, pp 1369-1376,Jan 2015 **Annexure II 2013.2.1 : 12563, ISBN: 978-81-322-2118-0, Online ISBN: 978-81-322-2119-7 (Scopus indexed)**  
[https://doi.org/10.1007/978-81-322-2119-7\\_133](https://doi.org/10.1007/978-81-322-2119-7_133)
7. N.Vidhya, S.Gunasundari, “Localization and recognition of license plate number using improved genetic algorithm”, International Journal of Science and Innovative Engineering & Technology, ISBN 978-81-904760-7-2 ,Volume 1, Issue 2, 2015
8. N.Vidhya, S.Gunasundari, “A survey on localization and recognition of Licence Plate number”, International Journal of Advanced Computational Engineering and Networking, ISSN: 2320-2106, Volume 3, Issue 2, Feb.2015

### ***INTERNATIONAL CONFERENCE***

1. G.Manikandan, E.Udaya Kumar, J.Surendra, Gunasundari S, “ Smart Shopping using QR codes for Bill Calculation”, International Conference on Recent Trends in Engineering, Computers, Information Technology and Applications (ICRTECITA), Mar 2018, PSNA College of Engineering and Technology
2. Gunasundari S, Janakiraman S, “Texture analysis of Liver tumor from abdominal Computed tomography in computer aided diagnostic system”, International Conference on advances in computing logic, technology and sciences, Anantha Lakshmi Institute of technology and sciences with Inst of Engineering Research, Andra Pradesh, 11<sup>th</sup> Mar 2016, 48-56
3. S.Shefali, Gunasundari S, “A Meliorate data distribution in big data by optimizing virtual machine”, International Conference on Innovations in information Embedded and communication system”,Karpagam College of Engg, Coimbatore, 17<sup>th</sup> and 18<sup>th</sup> Mar 2016, Pg 223:228
4. N.Vidhya, S.Gunasundari, Localization and Recognition of License Plate number using improved Genetic Algorithm, International Conference on Science and Innovative Engineering, Jawahar Engineering College, Chennai. ISBN 978-81-904760-7-2, 5<sup>th</sup> April 2015