

Publications

- 1) J.Jayanthi, **T.Jayasankar**, N.Krishnaraj, N.B.Prakash, A.Sagai Francis Britto, K.Vinoth Kumar, “An Intelligent Particle Swarm Optimization with Convolutional Neural Network for Diabetic Retinopathy Classification Model,” *Journal of Medical Imaging and Health Informatics (2020)*, ISSN: 2156-7018 (Print): EISSN: 2156-7026 (Online), **IF.0.549. Accepted. (Indexed in SCIE Annexure I)**
- 2) RajaKrishnamoorthy, **T.Jayasankar**, M.Sujatha, N.B.Prakash, C.Bharatiraja, “Design of high efficiency PLL independent LC oscillator for biomedical transceivers,” *Materials Today Proceedings (Elsevier 2020)*, ISSN: 2214-7853, **IF.0.576 (Indexed in Scopus)**
<https://doi.org/10.1016/j.matpr.2020.09.221>
- 3) RajaKrishnamoorthy, **T.Jayasankar**, S.Shanthi, M.Kavitha, C.Bharatiraja, “Design and implementation of power efficient image compressor for WSN systems,” *Materials Today Proceedings (Elsevier 2020)*, ISSN: 2214-7853, **IF.0.576 (Indexed in Scopus)**
<https://doi.org/10.1016/j.matpr.2020.09.221>
- 4) M.Anuradha, **T.Jayasankar**, Prakash N.B.³, Mohamed Yacin Sikkandar, G.R.Hemalakshmi, C.Bharatiraja, A. Sagai Francis Britto, “IoT enabled Cancer Prediction System to Enhance the Authentication and Security using Cloud Computing,” *Microprocessor and Microsystems (Elsevier 2020)*, vol 78, December, (2020) . ISSN: 0141-9331, **IF.1.161. (Indexed in SCIE Annexure I)**
<https://doi.org/10.1016/j.micpro.2020.103301>
- 5) C Thiruvengadam, M Palanivelan , K. Senthil Kumar , **T. Jayasankar**, “Low power approximate adder based repetitive iteration cord (LP-ARICO) algorithm for high-speed

applications,” *Microprocessor and Microsystems (Elsevier 2020)*, vol 78,October,
(2020) . ISSN: 0141-9331, **IF.1.161. (Indexed in SCIE Annexure I)**
<https://doi.org/10.1016/j.micpro.2020.103260>

- 6) K.Vinoth Kumar, **T. Jayasankar**, V. Eswaramoorthy, V. Nivedhitha, ” SDARP: Security based Data Aware Routing Protocol for ad hoc sensor networks,”, *International Journal of Intelligent Networks* (2020), vol.1,2020,pp. 36–42. (**Science Direct**)
<https://doi.org/10.1016/j.ijin.2020.05.005>
- 7) Priyanka Parvathy, D Kamalraj Subramaniam, G.K.D PrasannaVenkatesan, P. Karthikaikumar , Justin Varghese, **T.Jayasankar**, “Development of Hand Gesture Recognition System Using Machine Learning”, *Journal of Ambient Intelligence and Humanized Computing* (2020), ISSN: 1868-5137 (Print), 1868-5145 (Online),
IF.4.594. (Indexed in SCIE Annexure I)
<https://link.springer.com/article/10.1007/s12652-020-02314-2>
- 8) Mohamed Yacin Sikkandar, **T. Jayasankar**, · K. R. Kavitha, N. B. Prakash, Natteri M. Sudharsan, G. R. Hemalakshmi, “Three Factor Nonnegative Matrix Factorization based HE Stain Unmixing in Histopathological Images,” *Journal of Ambient Intelligence and Humanized Computing* (2020), ISSN: 1868-5137 (Print) 1868-5145 (Online) **IF.4.594. (Indexed in SCIE Annexure I)** <https://doi.org/10.1007/s12652-020-02265-8>
- 9) A.Sheryl Oliver, M.Anuratha, M. Jean Justus, Kiranmai Bellam, **T.Jayasankar**, “An Efficient Coding Network Based Feature Extraction with Support Vector Machine Based Classification Model for CT Lung Images,” *J. Med. Imaging Health Inf.*, vol.10,no.11,pp.2628–2633(2020),ISSN :2156-7018 (Print);ISSN 2156-7026 (Online)
IF.0.549 (Indexed in SCIE Annexure I)
- 10) J. Jayanthi, E. Laxmi Lydia, N. Krishnaraj, **T. Jayasankar** , R. Lenin Babu · R. Adaline Suji,” An effective deep learning features based integrated framework for iris detection and recognition”, *Journal of Ambient Intelligence and Humanized Computing* (2020), ISSN: 1868-5137 (Print) 1868-5145 (Online), **IF.4.594. (Indexed in SCIE Annexure I)** <https://doi.org/10.1007/s12652-020-02172-y>