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### Journal Publications

1. Octavian Postolache, Ricardo Alexandre, Oana Geman, D Jude Hemanth, Deepak Gupta and Ashish Khanna, "Remote Monitoring of Physical Rehabilitation of Stroke Patients using IoT and Virtual Reality", IEEE Journal on Selected Areas in Communications, (Accepted), 2020. **(Impact Factor = 11.420)**.
2. Douglas de A. Rodrigues, Roberto F. Ivo, Suresh Chandra Satapathy, Shuihua Wang, Jude Hemanth and Pedro P. Rebouças Filho, "A new approach for classification skin lesion based on transfer learning, deep learning and IoT system", Pattern Recognition Letters, (Accepted), 2020. **(Impact Factor = 3.255)**.
3. Anju Asokan, J. Anitha, Monica Ciobanu, Andrei Gabor, Antoanela Naaji and D. Jude Hemanth, "Image Processing Techniques for Analysis of Satellite Images for Historical Maps Classification—An Overview", Applied Sciences, Vol. 10, No. 12, 4207, 2020. **(Impact Factor = 2.474)**.
4. Rachna Jain, Preeti Nagrath, Gaurav Kataria, V. Sirish Kaushik and D. Jude Hemanth, "Pneumonia detection in chest x-ray images using convolutional neural networks and transfer learning", Measurement, (Accepted), 2020. **(Impact Factor = 3.364)**.
5. Maria Flynn, Dimitris Effraimidis, Anastassia Angelopoulou, Epaminondas Kapetanios, David Williams, D Jude Hemanth and Tony Towell, "Assessing the effectiveness of automated emotion recognition in adults and children for clinical investigation", Frontiers in Human Neuroscience, DOI: 10.3389/fnhum.2020.00070, 2020. **(Impact Factor = 2.673)**.
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  10. Oana Geman, Octavian Postolache, Luliana Chiuchisan, Marius Prelipceanu, Ritambhara and D Jude Hemanth, “An Intelligent Assistive Tool using Exergaming and Response Surface Methodology for patients with brain disorders”, IEEE Access, vol.7, pp: 21502-21513, 2019. **(Impact Factor = 3.745)**.
  11. Pedro Pedrosa Filho, Suane Silva, Victor Praxedes, D. Jude Hemanth and Victor Albuquerque, “Control of singularity trajectory tracking for robotic manipulator by genetic algorithms”, Journal of Computational Science, vol. 30, pp: 55-64, 2019, **(Impact Factor = 2.644)**.
  12. Beejesh A, Varun Gopi and D. Jude Hemanth, “Brain MR kurtosis imaging study: Contrasting gray and white matter”, Cognitive Systems Research, vol. 55, pp: 135-145, 2019, **(Impact Factor = 1.902)**.
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  18. Mamta Mittal, Lait Mohan Goyal, D Jude Hemanth and Jasleen Kaur Sethi, “Clustering approaches for high dimensional databases: A review”, WIREs Data Mining and Knowledge Discovery, vol. 9, no.3, 2019. **(Impact Factor = 4.476)**
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### **International Conferences**

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#### **Books/ Edited Books/ Book Chapters/ Editorials**

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