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List of last 5years publication:

INTERNATIONAL JOURNALS

- [1] 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).
- [2] 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).
- [3] Douglas de A. Rodrigues, Roberto F. Ivo, Suresh Chandra Satapathy, Shuihua Wang, Jude Hemanth and Pedro P. Rebouças Filhoa, “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).
- [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 Efthymidis, 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).
- [6] Mehshan Ahmed Khan, Muhamed Attique, Fawad Ahmed, Mamta Mittal, Lalit Mohan Goyal, D. Jude Hemanth and Suresh Chandra Satapathy, “Gastrointestinal diseases segmentation and classification based on duo-deep architectures”, Pattern Recognition Letters, Vol. 131, pp: 193- 204, 2020. (Impact Factor = 3.255).
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- [9] J Revathi, Anitha J, Rizwan P, R Manikandan, D Jude Hemanth and Amir H Gandomi, “Machine learning based left ventricular hypertrophy detection using multi-lead ECG signal”, Neural Computing and Applications, DOI: <https://doi.org/10.1007/s00521-020-05238-2>, 2020. (Impact Factor = 4.774).

- [10] J.Jenkin Winston, Gul Fatma Turker, Utku Kose and D. Jude Hemanth, "Novel Optimization based hybrid self-organising map classifiers for iris image recognition", International Journal of Computational Intelligence Systems, vol.13, no.1, pp: 1048-1058, 2020. (Impact Factor = 1.838).
- [11] Sujatha R, Aarth S L, Jyotir Moy Chatterjee and D. Jude Hemanth, "Forest data visualization and land mapping using support vector machines and decision trees", Earth Science Informatics, DOI: <https://doi.org/10.1007/s12145-020-00492-3>, 2020. (Impact Factor = 1.450).
- [12] A Anju Asokan, Daniela Elena Popescu, J Anitha and D Jude Hemanth, "Bat algorithm based non-linear contrast stretching for satellite image enhancement", Geosciences, (Accepted), 2020. (Scopus)
- [13] J Revathi, J. Anitha and D Jude Hemanth, "Training Feedforward Neural Network using Genetic Algorithm to Diagnose Left Ventricular Hypertrophy", Telkomnika, (Accepted), 2020. (Scopus)
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