

**Jude Hemanth**

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**Publication Details :**

| TITLE  | CITED<br>BY | YEAR |
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| <b>Deep learning based detection and analysis of COVID-19 on chest X-ray images</b><br>R Jain, M Gupta, S Taneja, DJ Hemanth<br>Applied Intelligence 51 (3), 1690-1700   | 161         | 2021 |
| <b>Convolutional neural network based Alzheimer's disease classification from magnetic resonance brain images</b><br>R Jain, N Jain, A Aggarwal, DJ Hemanth<br>Cognitive Systems Research 57, 147-159                              | 141         | 2019 |
| <b>Deep learning based enhanced tumor segmentation approach for MR brain images</b><br>M Mittal, LM Goyal, S Kaur, I Kaur, A Verma, DJ Hemanth<br>Applied Soft Computing 78, 346-354   | 117         | 2019 |
| <b>SSDMNV2: A real time DNN-based face mask detection system using single shot multibox detector and MobileNetV2</b><br>P Nagrath, R Jain, A Madan, R Arora, P Kataria, J Hemanth<br>Sustainable cities and society 66, 102692     | 109         | 2021 |
| <b>Hand posture and gesture recognition techniques for virtual reality applications: a survey</b><br>KM Sagayam, DJ Hemanth<br>Virtual Reality 21 (2), 91-107  | 98          | 2017 |
| <b>An enhanced diabetic retinopathy detection and classification approach using deep convolutional neural network</b><br>DJ Hemanth, O Deperlioglu, U Kose<br>Neural Computing and Applications 32 (3), 707-721                    | 87          | 2020 |
| <b>Early diagnosis of COVID-19-affected patients based on X-ray and computed tomography images using deep learning algorithm</b><br>D Dansana, R Kumar, A Bhattacharjee, DJ Hemanth, D Gupta, A Khanna, ...<br>Soft Computing, 1-9 | 72          | 2020 |
| <b>Gastrointestinal diseases segmentation and classification based on duo-deep architectures</b><br>MA Khan, MA Khan, F Ahmed, M Mittal, LM Goyal, DJ Hemanth, ...<br>Pattern Recognition Letters 131, 193-204                     | 69          | 2020 |
| <b>Deep learning for image processing applications</b><br>DJ Hemanth, VV Estrela<br>IOS Press  | 69          | 2017 |
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| <b>Application of neuro-fuzzy model for MR brain tumor image classification</b><br>DJ Hemanth, CKS Vijila, J Anitha<br>International Journal of Biomedical Soft Computing and Human Sciences: the ...             | 55          | 2011 |
| <b>Performance improved iteration-free artificial neural networks for abnormal magnetic resonance brain image classification</b><br>DJ Hemanth, CKS Vijila, AI Selvakumar, J Anitha<br>Neurocomputing 130, 98-107 | 52          | 2014 |
| <b>Frequency domain QR code based image steganography using Fresnelet transform</b><br>SU Maheswari, DJ Hemanth<br>AEU-International Journal of Electronics and Communications 69 (2), 539-544                    | 49          | 2015 |
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| <b>Control of singularity trajectory tracking for robotic manipulator by genetic algorithms</b><br>PP Reboucas Filho, SPP da Silva, VN Praxedes, J Hemanth, ...<br>Journal of computational science 30, 55-64                                 | 18       | 2019 |
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