Name of DC Member: Dr.P.Deepa

List of Publications

Year: 2020

1. A framework for semantic image annotation using LEGION algorithm, R Kishorekumar, P Deepa, The Journal of Supercomputing , volume:76 (6), pg:4169-4183

2. Image SR-based NLM and DCNN improved IBP with cubic B-spline,S Jothi Lakshmi, P Deepa, The Imaging Science Journal, pg: 1-12

3. Isolation enhanced MIMO antenna for software defined networking (SDN) adapted ultrawide band (UBW) radio tech applications, I Nair, P Deepa, Microprocessors and Microsystems Volume:73, Pg:102965

4. Design of approximate adders and multipliers for error tolerant image processing, G Anusha, P Deepa, Microprocessors and Microsystems ,Volume: 72, Pg:102940

5. Analysis of Rician Noise Restoration Using Fuzzy Membership Function with Median and Trilateral Filter in MRI, R Kala, P Deepa, Advances in Electrical and Computer Technologies, Pg:803-816

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6. Design of Approximate Subtractors and Dividers for Error Tolerant Image Processing Applications, A Gorantla, P Deepa, Journal of Electronic Testing , Volume:35 (6), Pg: 901-907

7. FPGA implementation of cost-effective robust Canny edge detection algorithm, D Sangeetha, P Deepa, Journal of Real-Time Image Processing,Volume: 16 (4), Pg:957-970

8. Adaptive fuzzy hexagonal bilateral filter for brain MRI denoising, R Kala, P Deepa, Multimedia Tools and Applications, Pg:1-18

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9. Efficient invariant interest point detector using Bilateral-Harris corner detector for object recognition application, R Manoranjitham, P Deepa, Multimedia Tools and Applications , volume:77 (8), Pg:9365-9378

10. Adaptive hexagonal fuzzy hybrid filter for Rician noise removal in MRI images, R Kala, P Deepa, Neural Computing and Applications , Volume:29 (8), Pg:237-249

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13. A low-cost and high-performance architecture for robust human detection using histogram of edge oriented gradients, D Sangeetha, P Deepa, Microprocessors and Microsystems Volume: 53, Pg:106-119

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15. Efficient scale invariant human detection using histogram of oriented gradients for IoT services, D Sangeetha, P Deepa, 2017 30th International Conference on VLSI Design and 2017 16th International Conference on Embedded Systems (VLSID), pg:61-66

16. Novel interest point detector using bilateral-Harris corner method, R Manoranjitham, P Deepa, 2017 4th International Conference on Advanced Computing and Communication Systems (ICACCS), pg : 1-4

17. Removal of rician noise in MRI images using bilateral filter by fuzzy trapezoidal membership function, R Kala, P Deepa, 2017 4th International Conference on Advanced Computing and Communication Systems (ICACCS), pg:1-6

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18. An efficient hardware implementation of canny edge detection algorithm, D Sangeetha, P Deepa, 2016 29th International Conference on VLSI Design and 2016 15th International Conference on Embedded Systems (VLSID),pg:457-462

19. Improving lifetime of memory devices using evolutionary computing based error correction coding, A Ahilan, P Deepa, Computational intelligence, cyber security and computational models, pg:237-245