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LIST OF PUBLICATIONS:

1. **Mohan, J**, Krishnaveni, V & Yanhui Guo 2014, 'A survey on the magnetic resonance image denoising methods', *Elsevier - Biomedical Signal Processing and Control*, vol. 9, pp. 59-69. (**Impact Factor: 1.532**)
2. **Mohan, J**, Krishnaveni, V & Yanhui Guo 2013, 'MRI denoising using non local neutrosophic set approach of Wiener filtering', *Elsevier - Biomedical Signal Processing and Control*, vol. 8, no.6, pp. 779-791. (**Impact Factor: 1.532**)
3. **Mohan, J**, Krishnaveni, V & Yanhui Guo 2013, 'A new neutrosophic approach of Wiener filtering for MRI denoising', *Measurement Science Review*, vol. 13, no.4, pp. 177-186. (**Impact Factor: 1.233**)
4. **Mohan, J**, Krishnaveni, V & Yanhui Guo 2012, 'Performance comparison of MRI denoising techniques based on neutrosophic set approach', *European Journal of Scientific Research*, vol. 86, no.3, pp. 307-318.
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7. Ravi Sekhar Yarrabothu, **J.Mohan** 2015 A Survey Paper On 5G Cellular Technologies Technical & Social Challenges, *International Journal of Emerging Trends in Electrical and Electronics (IJETEE –ISSN: 2320-9569)* Vol. 11, Issue. 2, pp 64-71
8. Madhubala.P.K , **J.Mohan** 2015 'Analysis Of Joint Beamforming, Power And Channel Allocation In Underlay Miso Cognitive Radio Networks' *International Journal of Applied Engineering Research* vol 10,no 87 Pp.163-168.

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- 11.Naveen Santharuban.S, **J.Mohan** 2016 , ' Smart T- Slot Filtenna for Cognitive Radio Application', International Journal of Research and Reviews in Applied Sciences and Engineering, Vol 8,No 1,Pp 74-80.
- 12.Naveen Santharuban.S,**J.Mohan**. 2016,' Smart UWB T- Slot Filtenna for Cognitive Radio Application', International Journal of Emerging Technology in computer science & Electronics, Vol 22, No 2, Pp-195-203.
- 13.N. Parthiban, **J.Mohan** 2017 ' Restoration of Hazy using color analysis and depth Estimation with Bi-orthogonal wavelet transform technique', International journal of trend in research and development International. Vol.No 4(3),Pp-175-181.
14. G.Dheiva Sudarsini,S.Abinaya,s Abdul Rahuman,B Arun Kumar **J Mohan**. 2018 'An Efficient Recognized Locker System Using Image Processing ' International journal of trend in research and development International journal for Scientific Research & development Vol.No 6(01) Pp245-251.
- 15.Shweta Haran,Raga Iswariya.S,Vignesh Kamsan N,**J.Mohan**.2019. 'Designing of a Portable Hemoglobinmeter using Raspberry PI', International Research Journal of Engineering and Technology. Vol 06 ,No.3.Pp 1-6.
16. A.Ramadevi,A.Sanmugapriyan,Dtamilaruvi,**J,Mohan**.2019. 'Rescue of Psychological Infirmary People using Wireless Network', International Research Journal of Engineering and Technology. Vol 06 ,No.3.Pp 1364-69.
- 17.MI. Anju **J.Mohan** 2019,"FPGA Implementation Of Radix-2 FFT Processor Based On CORDIC Algorithm For Electromyography" i-manager's Journal on Digital Signal Processing, December-2019, Vol 03, No.1 Pp 024-034.
- 18.R.Geetha, **J.Mohan**,"Spinal cord tumor classification using Deep Convolution Neural Network ", *i-manager journal on Image Processing*, December-2019, Vol 13, No.1 Pp 045-053.
19. Geetha raja and **J.Mohan**, 'Hybrid Techniques for MRI spine Images Classification', *Journal of Scientific & Industrial Research*, Vol.79, pp.829-832, Sep 2020.
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26. **Mohan, J**, Krishnaveni, V & Yanhui Guo 2011, 'A Neutrosophic Approach of MRI Denoising', in *Proceedings of the IEEE International Conference on Image Information Processing, Simla, India*, pp. 1-6.
27. N. Parthiban, **J Mohan**. 2017 'Visibility Restoration of Hazy using color analysis and depth Estimation with Refined transform' ICECC-2017 ISBN -978154408275 India, pp. 106-112
28. Debnita Kar, Doriet Cha, **J.Mohan**. 'Detection of psychological stress in a pregnant women using Fuzzy Logic in Neural Network'. NCECC-2017. National Conference, India, Pp 204-208.
29. M I. Anju, **J.Mohan**, "FPGA Implementation of Radix-2 FFT Processor based on Cordic algorithm for Electromyography", International Conference on smart automation in computer, Electrical, Electronics and communication Engineering (ICSA 2k19) Sept 2019'
30. R.Geetha, **J.Mohan**, "Spinal cord tumor classification using Deep Convolution Neural Network", International Conference on smart automation in computer, Electrical, Electronics and communication Engineering (ICSA 2k19)'

Book Published:

Two chapters are contributed in the 'Neutrosophic Set in Medical Image Analysis'. Elsevier Publishers-2019.