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## **JOURNAL PUBLICATIONS: (Last 5 years)**

- 1. Thilagavathi, K & Vasuki, A 2019, 'A Novel Hyperspectral Image Classification Technique Using Deep Multi-Dimensional Recurrent Neural Network', Applied Mathematics & Information Sciences, vol. 13, no. 6, pp. 955-963. ISSN: 2325-0399. Impact factor.0.94. DOI: <a href="http://dx.doi.org/10.18576/amis/130608">http://dx.doi.org/10.18576/amis/130608</a>.
- 2. Thilagavathi, K & Vasuki, A 2019, 'A Comprehensive Review on Classification Techniques for Hyperspectral Remote Sensing Imagery', Caribbean Journal of Science, vol. 53, no. 1, pp. 291-313.ISSN: 0008-6452. Impact factor.0.2.
- 3. Thilagavathi, K & Vasuki, A 2018, 'Dimension Reduction Methods for Hyperspectral Image: A Survey', International Journal of Engineering and Advanced Technology (IJEAT), vol. 8, issue. 2S, pp. 1-8.
- 4. Thilagavathi, K, S.G.Gayatri, M.N.Aayisha Rumaana, V.Abhirami 2018, 'Smart Glove to Monitor Parkinson's Patients', International Journal of Innovative Technology and ExploringEngineering(IJITEE).ISSN:2278-3075,vol.8,issue-2SDecember,pp.393-396.
- 5. Thilagavathi, K, Vasuki, A 2017, 'Dimension Reduction of Multispectral Images Using PCA And Folded PCA', Journal of Advanced Research in Dynamical and Control Systems Vol. 9. Sp– 16 / 2017- Special Issue on Intellectual Computation Systems.pp-1148 1163.
- 6. Thilagavathi K, Nagendran R 2017, 'Remote Sensing Methods for Forestry Applications A Survey', International Journal for Science and Advance Research in Technology, vol.3, Issue 5.ISSN [Online]: 2395-1052.
- 7. Thilagavathi K ,Balakumar M (2017), 'Review on RF Tunable Filters', International Journal of Innovations in Engineering and Technology (IJIET), Volume 8 Issue 2 April 2017. ISSN: 2319 1058.
- 8. Rasikapriya R,Thilagavathi K and Vasuki A 2017, 'Classification of hyperspectral images using spectral spatial method" *IEEE Explore*. DOI: 10.1109/ICIIECS.2017.8276129.(Published in 2017 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS)

- 9. Priyadharshini.P and K.Thilagavathi, 'Hyperspectral Image Classification using MLL and Graphcut Methods' in IEEE Explore. DOI: 10.1109/GET.2016.7916639 .pp:1-6. (Published in 2016 Online International Conference on Green Engineering and Technologies (IC-GET)
- 10. Deepa.P and K.Thilagavathi, 'Feature Extraction Of Hyperspectral Image Using Principal Component Analysis And Folded-Principal Component Analysis' in IEEE Explore. DOI: 10.1109/ECS.2015.7124989. Publication Year: 2015, Page(s):656 660. (Published in International Conference on Electronics and Communication Systems-ICECS-2015).
- 11. Deepa.P and K.Thilagavathi, 'Data reduction Techniques of hyperspectral images: A comparative study', in IEEE Explore. DOI: <u>10.1109/ICSCN.2015.7219866</u>. (Published in International Conference on <u>Signal Processing</u>, <u>Communication and Networking</u> (ICSCN-2015)
- 12. Mohanraj.P,Thilagavathi.K and Govindaraju.S, 'Adaptive Filter using Multiprecision Mutiplier', International Journal of Applied Engineering Research,2015,Vol.10.Issue.20.pp:15808-15813.ISSN:09739769 09734562.

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