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Publication:

1. Sivasankari Narasimhan, Muthukumar Arunachalam, “Bio-PUF-MAC authenticated encryption for iris biometrics” International Journal of Computational Intelligence, Vol 36, Issue 3, August 2020, Pages 1221-1241.
2. Preethiya Thandapani, **Muthukumar Arunachalam**, Durairaj Sundarraj, “An energy-efficient clustering and multipath routing for mobile wireless sensor network using game theory” International Journal of Communication Systems, Vol 33, Issue 7, May 2020, <https://doi.org/10.1002/dac.4336>, Pages e4336.
3. A Kavipriya, **A Muthukumar**, “An Innovative Approach For Multimodal Fusion Recognition Based Feature Extraction Using Blpoc And Dost” IET Image Processing, April 2020.
4. T Preethiya, **A Muthukumar**, S Durairaj, “Double cluster head heterogeneous clustering for optimization in hybrid wireless sensor network” Wireless Personal Communications, published by **Springer**, Vol 110, Issue 4, February 2020, Pages 1751-1768.
5. S.Manoj S.Rajendran, **A.Muthu Kumar**, T.Hariprasath, V.Raj Abisekh, M.Karthik, “Alarm based Solar Fencing and Pump Control System” International Journal of Recent Technology and Engineering, Published By BEIESP, Vol 8, Issue 4S2, December 2019, Pages 372.
6. **A Muthukumar**, A Kavipriya, “A biometric system based on Gabor feature extraction with SVM classifier for Finger-Knuckle-Print” Pattern Recognition Letters, Vol 125, July 2019, Pages 150-156.
7. **Muthukumar Arunachalam**, Meena Arunachalam “Identification of Good One From the Damaged Crops/Fruits Using Decision-Level Information Matching” Applications of Image Processing and Soft Computing Systems in Agriculture, DOI: 10.4018/978-1-5225-8027-0. 2019, Pages: 20.
8. N Sivasankari, **A Muthu Kumar** “Implementation Of A Hybrid Ring Oscillator Physical Unclonable Function” intact journal on microelectronics, Vol 4, Issue 2, July 2018, Pages 602-607.
9. **Muthukumar Arunachalam**, Kannan Subramanian, “AES Based Multimodal Biometric Authentication using Cryptographic Level Fusion with Fingerprint and Finger Knuckle Print” Int. Arab J. Inf. Technol, Vol 12, Issue 5, September 2015, Pages 431-440.
10. **Muthukumar Arunachalam**, Kannan Subramanian, “Finger Knuckle Print Authentication Using AES and K-Means Algorithm” International Arab Journal of Information Technology (IAJIT) , Vol 12, Issue 6A , August 2015, Pages 642-649.