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LIST OF PUBLICATIONS

SL.No	Title of the Paper	Journal Name	Vol & Year
1.	Fundus image lesion detection algorithm for diabetic retinopathy screening.	Journal of Ambient Intelligence and Humanized Computing Springer	https://doi.org/10.1007/s12652-020-02417-w
2.	Target Detection in SAR Images using Bayesian Saliency and Morphological Attribute Profiles	Journal on Computer Communications Elsevier	Page No: 738-748, https://doi.org/10.1016/j.comcom.2020.03.018.
3.	A new pyramidal opponent color-shape model based video shot boundary detection	Journal of Visual Communication and Image representation	J. Vis. Commun. Image R. 67 (2020) 102754
4.	Video Classification and Retrieval through spatio-temporal radon features	Pattern Recognition (Elsevier)	Pattern Recognition Volume 99, March 2020, 107099
5.	Speckle noise removal in SAR images using Multi-Objective PSO (MOPSO) algorithm	Applied Soft Computing Journal	Applied Soft Computing Journal 76 (2019) 671–681
6.	Segmentation of Defects in Textile Images Based on Adaptive Sparse Domain Selection Method	*Journal of Telecommunication study*	Page 11-16 Vol 4, Issue 3DOI: http://doi.org/10.5281/zenodo.3573570
7.	Segmentation of Improper stitch balance, Hole, Crack, Needle break Defects in Fabric Images	International Journal of Advanced Research Methodology in Engineering & Technology,	ISSN 2456-6446 Volume 2, Issue 1

8.	Iterative Vessel Segmentation with Stopping Criterion for Fundus Imagery	International Journal of scientific research in network security and communication	Vol 6, Issue -3 , pp-6-12, June 2018. ISSN 2321-3256
9.	SAR Image classification by wavelet transform and euclidean distance with shanon index measurement	International Journal of scientific research in network security and communication	Vol 6, Issue -3 , pp-13-17, June 2018. ISSN 2321-3256
10.	Performance analysis of Age invariant face recognition methods	International Journal of Computer Science and Engineering	Vol. 6 Special Issue -4 May 2018, E-ISSN 23472693 pp. 49-55
11.	Detection of Fetal stress from Maternal Abdominal Electrocardiogram signal	International Journal of Computer Science and Engineering	Vol. 6 Special Issue -4 May 2018, E-ISSN 23472693,pp. 65 -70
12.	A multivariate Gaussian modeling for counting bananas	International Journal of Engineering and Technology	Vol. 7 Issue No. .2.22, pages-27-30
13.	State model based face mask detection	International Journal of Engineering and Technology	Vol. 7 Issue No. .2.22, pages-35-38
14.	A hybrid technique for gender classification with SLBP and HOG features	Springer, Cluster computing	https://doi.org/10.1007/s10586-017-1585-x
15.	SAR image target detection algorithm using local neighborhood XOR pattern	Journal of PERSPECTIVAS EN CIENCIA DA INFORMACAO (scopus)	Vol. No. 22, SP 4,pp.389 to 400
16.	Survey on Various Defect Detection and Classification Methods in Fabric Images	Journal of Environmental Nanotechnology	Volume 6, No. 2 pp. 20-29 ISSN: 2279-0748 eISSN: 2319-5541
17.	SAR image target classification: a feature fusion approach	International Journal of Computer science and Network	Vol.6, Issue.6, pp.689 to 693
18.	Anti-spoofing enabled face recognition based on aggregated local weighted gradient orientation	Signal, Image and Video Processing, Springer	https://doi.org/10.1007/s11760-017-1189-1

19.	A comprehensive Framework for learning events	The online journal of distance education and e-learning	Vol.5, No.3
20.	Recent progress in dataset development for video classification	International Journal of Information Technology	Vol.3, No.3
21.	Particle Swarm Optimized Fuzzy model for classification of banana ripeness	IEEE Sensors	Vol. 17, No. 15
22.	Fog detection and classification using discriminant local and global level features	International Journal of Electrical, Computing 23Engineering and Communication	Vol.1, No.2
23.	An overview of automatic target detection algorithms in SAR image	International Journal of Engineering Trends and applications	Vol. 4, No.2, pp.50-55
24.	Despeckling of SAR Images using undecimated wavelet and Savitzky Golay filter	Advances in Natural and applied sciences	Vol. 11. No.4. pp.20-25.
25.	Generic image Quality Assessment of Portable Fundus Camera Photograph	Advances in Natural and applied sciences	Vol. 11. No.4. pp.34-39
26.	Detecting Appearance Similarity from motion similarity	Advances in Natural and applied sciences	Vol. 11. No.4. pp.26-33
27.	Segmentation using 'NEW' texture feature	International Journal of advanced computing	Vol. 7 No. ½
28.	Gender recognition from face images using texture descriptors for human computer interaction	Journal of Chemical and Pharmaceutical Sciences	Vol. 9, No.3, pp. 1231-1234.
29.	Face Identification using fusion and of photographic and thermal images	Journal of Chemical and Pharmaceutical Sciences	Vol. 9, No.3, pp.1526-1530
30.	Banana detection – A scale space approach	International Journal of Control Theory and Applications	Vol. 9, No. 7, pp. 3245-3251

31.	Non Subsampled Contourlet Transform based shot boundary detection in videos	International Journal of Control Theory and Applications	Vol. 9, No. 7, pp. 3231-3238
32.	A Vision based approach for vehicle anti-collision system	International Journal of Control Theory and Applications	Vol. 9, No. 7, pp. 3239-3244
33.	Synergy of geometric and roughness measures for herbal leaf classification	Journal of Chemical and Pharmaceutical Sciences	Vol. 9, No.3, pp. 1481-1484
34.	Rail fastener inspection by object textures	International Journal of Control Theory and Applications	Vol. 9, No. 7, pp. 3253-3260
35.	A SURF Based Approach for an Intelligent Vehicle/Driver Assistant System	International Journal of Control Theory and Applications	Vol. 9, No. 7, pp. 3261-3267
36.	Video Shot Boundary Detection Using Normalized Periodogram Distance Metric	Circuits and Systems	Vol.7 No.10,pp. 2875-2883
37.	A Signature based Dravidian Sign Language recognition by sparse representation	International Journal on Natural Language Computing	Vol. 5, No.1, Feb. 2016, ISSN:22781307 pp. 57-67
38.	Gait Based Human Recognition with Various Classifiers Using Exhaustive Angle Calculations in Model Free Approach	Circuits and Systems	Vol. 7, pp. 1464-1475
39.	Traffic sign recognition for an intelligent vehicle /driver assistant system using HOG	Computer Science and Engineering: An International Journal	Vol.6, No.1, Feb 2016 pp. 15-23
40.	Gradient vector flow analysis for multimodality medical images	Asian Journal of information technology	Vol.15(24), pp. 5046-5050, ISSN-1682-3915
41.	Modified Thompson and Tau based Impulse Noise Detector	ARPN Journal of Science and Technology	Vol,05, No.12, pp.647-651

42.	Towards Comprehensive understanding of image retrieval approaches	Middle East Journal of Scientific Research	Vol.23, No.12, pp.2895-2904
43.	Performance Analysis of Pose Invariant Face Recognition Approaches in Unconstrained Environments	International Journal of Computer Vision and Image Processing	Vol.5 , No.1, 66-81.
44.	An efficient automated multimodal contour segmentation of multimodal brain tumor image using dynamic sparse field	ARPN Journal of Engineering and applied sciences	Vol.10 No.8, May pp.3379-3383
45.	Mixed Noise Removal using Automatic and adaptive multistage filtering framework	International Journal of Applied Engineering Research	Vol.10, No. 21, 2015, pp.42525-42532
46.	UDWT based SAR Despeckiling Using Interscale Dependence	International Journal of Applied Engineering Research	Vol. 10, No.16, 2015, pp.36827-36833
47.	Face spoofing Detection using textural Gradient Features	Australian journal of Basic and Sciences	Vol.9, No.16 , 2015, Pages: 331-337 ISSN:1991-8178
48.	Face Detection using color and edge distribution	International Journal of Applied engineering research	Vol.10,No.4,pp.9405-9414,2015, ISSN:0973-4562