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List of Publications

S.No	PUBLICATION DETAILS	YEAR	INDEXING
1.	Dr.R.S.Sabeenian, “Wild Animals Intrusion Detection using Deep Learning Techniques”, International Journal of Pharmaceutical Research, ISSN 0975-2366, Vol 12 Issue 4 DOI: https://doi.org/10.31838/ijpr/2020.12.04.164	2020	Scopus
2.	Dr.R.S.Sabeenian, “An Investigation on various Text Information Extraction (TIE) Algorithms for Images” International Journal of Emerging Trends in Engineering Research, Volume 8. No. 9, ISSN 2347 - 3983, PP-6007 to 6011, https://doi.org/10.30534/ijeter/2020/179892020	2020	Scopus
3.	Dr.R.S.Sabeenian, “A comparative study of feature detection techniques for navigation of visually impaired person in an indoor environment”, Journal of Computational and Theoretical Nanoscience Vol 10,17, 21–26 2020.	2020	Scopus
4.	Dr.R.S.Sabeenian, An Application for Online Shipment of Goods in Vehicles” Journal of Advanced Research in Dynamical & Control Systems, 05-Special Issue, 12, 506-516.	2020	Scopus
5.	Dr.R.S.Sabeenian, “Sign Language Recognition Using Deep Learning and Computer Vision”, Journal of Advanced Research in Dynamical & Control Systems, 12, 964-968.	2020	Scopus
6.	Dr.R.S.Sabeenian, “Smart Attendance System Using Face Recognition”, Journal of Advanced Research in Dynamical & Control Systems, 12, 1079-1084.	2020	Scopus
7.	Dr.R.S.Sabeenian, “Nonsubsampled Contourlet Transform based Video Compression using Huffman and Run Length Encoding for Multimedia Applications”, International Journal of Advanced Trends in Computer Science and Engineering, 9, 3100 3106,	2020	Scopus
8.	Dr.R.S.Sabeenian, “Gold Tree Sorting and Classification Using Support Vector Machine Classifier”, Advances in Machine Learning and Computational Intelligence Springer Link, https://link.springer.com/chapter/10.1007%2F978-981-15-5243-4_38 pp 413-422	2020	Scopus
9.	Dr.R.S.Sabeenian, “The Effect of Binarization Algorithms Considering Color-To-Gray Scale Conversion Methods On Historic Document Images”, International journal of scientific & technology research, 9, 992-1002,	2020	Scopus

10.	Dr.R.S.Sabeenian, "A Comparative Study of Feature Detection Techniques for Navigation of Visually Impaired Person in an Indoor Environment" Journal of Computational and Theoretical Nanoscience ISSN :1546-1955, Vol. 16, 1–6	2020	Scopus
11.	Dr.R.S.Sabeenian, "Real time noisy dataset implementation of optical character identification using CNN", International Journal of Intelligent Enterprise, https://doi.org/10.1504/IJIE.2020.104646 , 7, issue 3.	2020	Scopus
12.	Dr.R.S.Sabeenian,"Attendance Authentication System Using Face Recognition", Journal of Advanced Research in Dynamical & Control Systems, 12 & 1235-1248 .	2020	Research Gate
13.	Dr.R.S.Sabeenian,"Automatic Diagnosis of Skin Diseases using Convolution Neural Network", Microprocessors and Microsystems, ISSN:0141-9331, 76, Online.	2020	SCOPUS & SCI
14.	Dr.R.S.Sabeenian,"An Application for Online Shipment of Goods in Vehicles" Journal of advanced research in dynamical and control systems (JARDCS), Vol. 12, 05-Special Issue, 2020	2020	Scopus
15.	Dr.R.S.Sabeenian,"Efficient Gold Tree Child Items Classification System Using Deep Learning", Journal of Advanced Research in Dynamical & Control Systems, 12 & 1845 - 1859.	2020	Scopus
16.	Dr.R.S.Sabeenian, "Long Term Monitoring of Sleep Disordered Breathing Using IOT Enabled Polymer Sensor Embedded Fabrics", International Journal of Psychosocial Rehabilitation, ISSN: 1475-7192, 24 & 7093-7010.	2020	Scopus
17.	Dr.R.S.Sabeenian, Prof.K.Manju "Cup and Disc Ratio and Inferior, Superior, Temporal and Nasal Calculation for Glaucoma Identification", Journal of Medical Imaging and Health Informatics, Volume 9, Number 6, pp. 1316-1319(4).	2019	SCOPUS & SCI
18.	Dr.R.S.Sabeenian, Dr.M.E. Paramasivam, Prof.R.Anand, "Classification of Child Items in a Gold Tree Using Support Vector Machine Classifier", International Journal of Recent Technology and Engineering (IJRTE), Vol 8, Issue-4.	2019	Scopus
19.	Dr. R. S. Sabeenian, Prof. J. Harirajkumar "Transition from Holistic to Deep learning Face Recognition Methods", International Journal of Recent Technology and Engineering (IJRTE), vol 8, Issue-4.	2019	Scopus
20.	Dr. R. S. Sabeenian, Dr. R. Vinod Kumar, Dr. G. Ravi, "An Application for Load Sharing in Trucks", International Journal of Recent Technology and Engineering (IJRTE), vol 8, Issue-4.	2019	Scopus
21.	Dr.R.S.Sabeenian, Dr.M.E.Paramasivam, Dinesh P M, "Palm-Leaf Manuscript Character Recognition and Classification Using Convolutional Neural Networks" Computing and Network Sustainability, 397- 404.	2019	Scopus
22.	Dr.R.S.Sabeenian, "Design of Control Electronics for Microwave Photonics Based Carrier Generation", Design of Control Electronics for Microwave Photonics Based Carrier Generation - IEEE Conference Publication,	2019	Scopus
23.	Dr.R.S.Sabeenian, .Yuvaraja, "Dual Tree Complex Wavelet Transform-based Image Security Using Steganography" Applied Mathematics & Information Sciences, An International Journal, Appl. Math. Inf. Sci. 13, No. 2, 215-222	2019	Scopus

24.	Dr.R.S.Sabeenian, Dr.M.E.Paramasivam, Dinesh P M, "Perceptually Weighted Color-to-Grayscale conversion for images with non-uniform chromatic distribution using Multiple Regression" Caribbean Journal of Science, pp 463-474, Volume 53, ISSUE 1 (JAN - APR), ISSN: 0008-6452.	2019	SCI Indexing& Scopus Indexing
25.	Prof.T.Shanthi, Dr.R.S.Sabeenian, "Modified Alexnet architecture for classification of diabetic retinopathy images", Computers and Electrical Engineering, 76, 56-64.	2019	SCI Indexing& Scopus Indexing
26.	Dr.R.S.Sabeenian Prof.T.Shanthi, Prof.R.Anand, "Real Time Noisy data set implementation of Optical Character identification using CNN", International Journal of intelligent Enterprises, Inderscience Publishers, 1.5.	2019	Scopus
27.	A.Murugan, Dr.R.S.Sabeenian, "A novel prognosis and segmentation of necrosis (dead cells) in contrast enhanced T1 weighted Glioblastoma tumour with automatic contextual clustering", International Journal of Imaging systems and Technology, Wiley Publications, 29, 65-76, 1.423	2019	SCI Indexing Web of Science & Scopus Indexing
28.	Prof.T.Yuvaraj, Dr.R.S.Sabeenian, "Dual Tree Complex Wavelet Transform-based Image Security Using Steganography", Applied Mathematics & Information Sciences, Vol.13,2, 215-222,	2019	Scopus
29.	Dr.R.S.Sabeenian, T.Shanthi, "Automatic Classification of fabric types using modified deep learning architecture accepted to be published in the journal of web engineering".	2018	SCI Indexing & Scopus Indexing
30.	Dr.R.S.Sabeenian, T. Yuvaraja, "Performance analysis of medical image security using steganography based on fuzzy logic", Cluster Computing The Journal of Networks, Software Tools and Applications, Cluster Computer DOI 10.1007/s10586-018-2096-0 ISSN 1386-7857.	2018	Scopus, Web of science, Thomson Reuters
31.	Dr.R.S.Sabeenian, P.Anandan, "Fabric defect detection using Discrete Curvelet Transform" International Conference on Robotics and Smart Manufacturing (RoSMa2018), Procedia Computer Science 133, pp 1056-1065.	2018	Scopus
32.	Dr.R.S.Sabeenian, Dr.M.E.Paramasivam, "Experimental investigation on NI MYRIO for closed room navigation using image recognition algorithm", Journal of International Pharmaceutical Research, ISSN: 1674-0440, 393-395.	2018	Scopus
33.	Dr.R.S.Sabeenian, P.M.Dinesh, "Comparative analysis of zoning approaches for recognition of Indo Aryan language using SVM classifier", Cluster Computing Springer, Scopus, Web of science, Thomson Reuters, IF 2.04	2017	Scopus, Web of science, Thomson Reuters IF 2.04
34.	Dr.R.S.Sabeenian, Murugappan, "Texture based medical image classification by using multi-scale gabor rotation invariant local binary pattern (MGRLBP)", Cluster Computing Springer, Scopus, Web of science, Thomson Reuters, IF 2.04.	2017	SCI Indexing & Scopus Indexing
35.	A.Murugan, Dr.R.S.Sabeenian "An efficient and automatic glioblastoma brain tumor detection using shift-invariant shearlet transform and neural networks", International Journal of Imaging Systems and Technology, Vol.27, Issue 3,216-226.	2017	SCI Indexing & Scopus Indexing

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37.	K.Manju, Dr.R.S.Sabeenian “Review on Optic Disc and Cup Segmentation” Biomedical & Pharmacology Journal Vol. 10(1), 373-379.	2017	Scopus
38.	T.Shanthi, Dr.R.S.Sabeenian, “An Automated Detection of Microaneurysm to Facilitate Better Diagnosis of Diabetic Retinopathy” BIOSCIENCES BIOTECHNOLOGY RESEARCH ASIA, Vol. 14(1), 483-488.	2017	Scopus
39.	M.Varathaguru, R.S.Sabeenian “Image compression using Improved spiht Algorithm with DCCI method”, SSN2321- 807X, Volume 12 Number 15, Journal of Advance sinchemistry, 4785 Page,	2016	Scopus
40.	Lavanya s, R S sabeenian “Region based segmentation of iris images for efficient biometric authentication using sectional mass estimation technique and gray level distribution measure” asian journal of research in social sciences and humanities, vol.6, pp 192-205.	2016	Scopus
41.	S. Ponlatha, R. S. Sabeenian “High quality video compression for noise removal classification using discrete cosine transforms based spatial detection”, asian journal of research in social sciences and humanities.	2016	Scopus
42.	K. Vidyavathi, R. S. Sabeenian MALSS: macro level subblock search algorithm based video coding applications” Asian journal of research in social sciences and humanities, Vol. 6, Special Conference Issue, pp. 333-342.ISSN 2249-7315, A Journal Indexed in Indian Citation Index,	2016	Scopus
43.	R.S.Sabeenian, M.Varathaguru, “New Edge-Directed interpolation Based-Lifting DWT and MSPiHT Algorithm for Image Compression”, Published online in SciRes	2016	Scopus
44.	R.S.Sabeenian, K.Vidyavathy, ”Neighbour Block Difference Vector (NBDV) Based Motion Estimation and Self Occlusion Detection in Video Compression” Vol 24, No 10	2016	Thomson Reuters
45.	R.S.Sabeenian, Ponlatha,” Multi Attribute Feature Approximation Based Snapshot Generation and Video Compression Using Fractional Wavelet Transform” Vol 24, No 10	2016	Thomson Reuters
46.	R.S.Sabeenian, Lavanya ” WBM- White Black Mass Estimation Technique Based Iris Recognition for Improved Biometric Authentication”, Vol 24, No 10	2016	Thomson Reuters
47.	M.E.Paramasivam, R.S.Sabeenian “Contrast Based Color Plane Selection for Binarization of Historical Document Images”, Emerging Trends in Electrical, Communications and Information Technologies, Volume 394 of the series Lecture Notes in Electrical Engineering pp 249255.	2016	Scopus
48.	M.E.Paramasivam, R.S.Sabeenian “Perceptually Weighted Color-to-Grayscale conversion for images with non-uniform chromatic distribution using Multiple Regression”.	2016	SCI Indexing & Scopus Indexing
49.	M.E.Paramasivam, R.S.Sabeenian, “Analysis of Binarization Algorithms considering Color-to-Gray scale conversion methods on Historic Document Images”	2016	Scopus

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51.	M.E.Paramasivam, R.S.Sabeenian, “A combined Color-to-Gray scale conversion and Noise reduction Model using Multiple Regression for Historic Document Images”	2016	Scopus
52.	R.S.Sabeenian, M.Varathaguru,” New Edge-Directed Interpolation Based-Lifting DWT and MSPHT Algorithm for Image Compression” International Journal of Circuits and Systems, 7, 2242-2252.	2016	Scopus
53.	R.S.Sabeenian, P. Anandan “Medical Image Compression Using Wrapping Based Fast Discrete Curvelet Transform and Arithmetic Coding” International Journal of Circuits and Systems, 7, 2059-2069.	2016	Scopus
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68.	Sabeenian R.S. and P.M. Dinesh., ‘Text Segmentation of Different Languages: A Review’ published in the IJAVD: 3(1), pp.57-61.	2013	Scopus
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72.	Sabeenian.R.S., ‘Modern Techniques in Image Denoising: A Review’ published in the International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 2, Issue 4,	2013	Scopus
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90.	Sabeenian R.S. and Palanisamy V., 'Texture Based Medical Image Classification of Computed Tomography images using MRCSF', Published in International Journal of Medical Engineering and Informatics (IJMEI), Vol. 1, No. 4 pp. 459-472 Published by	2009	Scopus
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