Parthasarathi Mangipudi

List of Publications by Year
in descending order

30 papers	703 citations	1478505 6 h-index	1372567 10 g-index
30 all docs	30 docs citations	30 times ranked	597 citing authors

#	Article	IF	Citations
1	Image processing based automatic diagnosis of glaucoma using wavelet features of segmented optic disc from fundus image. Computer Methods and Programs in Biomedicine, 2016, 124, 108-120.	4.7	164
2	An adaptive threshold based image processing technique for improved glaucoma detection and classification. Computer Methods and Programs in Biomedicine, 2015, 122, 229-244.	4.7	151
3	Predicting Computer Network Traffic: A Time Series Forecasting Approach Using DWT, ARIMA and RNN. , 2018, , .		65
4	Blood vessel inpainting based technique for efficient localization and segmentation of optic disc in digital fundus images. Biomedical Signal Processing and Control, 2016, 25, 108-117.	5.7	57
5	Glaucoma detection by segmenting the super pixels from fundus colour retinal images. , 2014, , .		46
6	Automatic brain tumor segmentation and extraction in MR images. , 2016, , .		44
7	Classification of glaucoma based on texture features using neural networks. , 2014, , .		30
8	An adaptive threshold based algorithm for detection of red lesions of diabetic retinopathy in a fundus image. , 2014, , .		22
9	Detection of high-risk macular edema using texture features and classification using SVM classifier. , 2015, , .		19
10	An efficient automatic method of Optic disc segmentation using region growing technique in retinal images. , 2014, , .		15
11	Dynamic thresholding technique for detection of hemorrhages in retinal images. , 2014, , .		12
12	Deep learning neural networks for acrylamide identification in potato chips using transfer learning approach. Journal of Ambient Intelligence and Humanized Computing, 2021, 12, 10601-10614.	4.9	12
13	An efficient image processing based technique for comprehensive detection and grading of nonproliferative diabetic retinopathy from fundus images. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2017, 5, 195-207.	1.9	11
14	Improved optic disc and cup segmentation in Glaucomatic images using deep learning architecture. Multimedia Tools and Applications, 2021, 80, 30143-30163.	3.9	10
15	An efficient grading algorithm for non-proliferative diabetic retinopathy using region based detection. , 2015, , .		7
16	Automated computer vision method for optic disc detection from non-uniform illuminated digital fundus images. , 2016, , .		5
17	A low-cost imaging framework for freshness evaluation from multifocal fish tissues. Journal of Food Engineering, 2022, 314, 110777.	5.2	5
18	Hierarchical classification and grading of diabetic macular edema using texture features. , 2015, , .		4

#	Article	IF	Citations
19	Image Processing Based Automatic Identification of Freshness in Fish Gill Tissues. , 2018, , .		4
20	Use of Deep Learning Models to detect COVID-19 from Chest X-Rays. , 2021, , .		4
21	A Computer Vision-Based Method for Classification of Red Meat Quality After Nitrosamine Appendage. International Journal of Computational Intelligence and Applications, 2021, 20, .	0.8	4
22	Brain Tumor Segmentation in Glioma Images Using Multimodal MR Imagery. Advances in Intelligent Systems and Computing, 2017, , 733-739.	0.6	3
23	Imperceptible digital watermarking in medical retinal images for tele-medicine applications. , 2014, , .		2
24	Brain slice representation via feature point maps and retrieval using similarity distance metrics. , 2016, , .		2
25	Brain tumor segmentation in multispectral MR images. , 2017, , .		2
26	Multimodal Retrieval Framework for Brain Volumes in 3D MR Volumes. Journal of Medical and Biological Engineering, 2018, 38, 261-272.	1.8	2
27	Fast localization of the optic disc in fundus images using region-based segmentation. , 2016, , .		1
28	Region-of-interest retrieval in lung CT images using feature point maps. , 2017, , .		0
29	A Stochastic Method for Ultrasound Despeckling in Images Via Dynamic Weight Allocation. , 2018, , .		0
30	A Meta-heuristic Approach for Design of Image Processing Based Model for Nitrosamine Identification in Red Meat Image. Recent Patents on Engineering, 2021, 15, 326-337.	0.4	0