P C Siddalingaswamy

List of Publications by Year
in descending order

31	488	1162367 8	794141 19
papers	citations	h-index	g-index

31	31	31	480
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Techniques and algorithms for computer aided diagnosis of pigmented skin lesionsâ€"A review. Biomedical Signal Processing and Control, 2018, 39, 237-262.	3.5	172
2	Automated Detection of Covid-19 from Chest X-ray scans using an optimized CNN architecture. Applied Soft Computing Journal, 2021, 104, 107238.	4.1	44
3	Automatic grading of diabetic maculopathy severity levels. , 2010, , .		40
4	Automatic Localization and Boundary Detection of Optic Disc Using Implicit Active Contours. International Journal of Computer Applications, 2010, 1, 1-5.	0.2	38
5	A methodological approach to classify typical and atypical pigment network patterns for melanoma diagnosis. Biomedical Signal Processing and Control, 2018, 44, 25-37.	3.5	28
6	Hair detection and lesion segmentation in dermoscopic images using domain knowledge. Medical and Biological Engineering and Computing, 2018, 56, 2051-2065.	1.6	25
7	Automated detection of melanocytes related pigmented skin lesions: A clinical framework. Biomedical Signal Processing and Control, 2019, 51, 59-72.	3.5	24
8	Novel ensemble of optimized CNN and dynamic selection techniques for accurate Covid-19 screening using chest CT images. Computers in Biology and Medicine, 2021, 137, 104835.	3.9	19
9	Automatic detection of multiple oriented blood vessels in retinal images. Journal of Biomedical Science and Engineering, 2010, 03, 101-107.	0.2	18
10	Classification of benign and malignant melanocytic lesions: A CAD tool. , 2017, , .		13
11	Melanoma Detection in Dermoscopic Images using Color Features. Biomedical and Pharmacology Journal, 2019, 12, 107-115.	0.2	9
12	AUTOMATIC DETECTION AND GRADING OF SEVERITY LEVEL IN EXUDATIVE MACULOPATHY. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 173-179.	0.3	8
13	Automatic Segmentation of Blood Vessels in Colour Retinal Images using Spatial Gabor Filter and Multiscale Analysis. IFMBE Proceedings, 2009, , 274-276.	0.2	6
14	Automated Detection of Optic Disc and Exudates in Retinal Images. IFMBE Proceedings, 2009, , 277-279.	0.2	6
15	A Novel Method to Measure the Learning Capability of a Parameter in Artificial Neural Network with Application to Network Freezing. , 2007, , .		5
16	Measurement of smaller colon polyp in CT colonography images using morphological image processing. International Journal of Computer Assisted Radiology and Surgery, 2017, 12, 1845-1855.	1.7	5
17	A knowledge based approach for colon segmentation in CT colonography images. , 2015, , .		4
18	AUTOMATED DETECTION OF PATHOLOGICAL AND NON-PATHOLOGICAL MYOPIA USING RETINAL FEATURES AND DYNAMIC ENSEMBLE OF CLASSIFIERS. Telecommunications and Radio Engineering (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50		

#	Article	IF	Citations
19	A pixel processing approach for retinal vessel extraction using modified Gabor functions. Progress in Artificial Intelligence, 2018, 7, 1-14.	1.5	3
20	A Multiclass Skin Lesion classification approach using Transfer learning based convolutional Neural Network. , 2021, , .		3
21	Feasibility of Computed Tomography Colonography as a Diagnostic Procedure in Colon Cancer Screening in India. Asian Pacific Journal of Cancer Prevention, 2014, 15, 5111-5116.	0.5	3
22	A novel skew estimation approach using radon transform. , 2011, , .		2
23	Analysis of tree based search techniques for solving 8-puzzle problem. , 2017, , .		2
24	A quantitative validation of segmented colon in virtual colonoscopy using image moments. Biomedical Journal, 2020, 43, 74-82.	1.4	2
25	An Improved Method of Colon Segmentation in Computed Tomography Colonography Images Using Domain Knowledge. Journal of Medical Imaging and Health Informatics, 2016, 6, 916-924.	0.2	2
26	Domain-Based Analysis of Colon Polyp in CT Colonography Using Image-Processing Techniques. Asian Pacific Journal of Cancer Prevention, 2019, 20, 629-637.	0.5	2
27	Study of Melanocytic Nevi using image processing. , 2017, , .		1
28	An expert system for electronic cleansing of contrast in CT colonography images. , 2015, , .		0
29	Computer based rehabilitation for patients with central vision loss. , 2017, , .		0
30	An Improved Method of Polyp Size Measurement in Computed Tomography Colonography Images. , 2017, , .		0
31	Automatic Electronic Cleansing in Computed Tomography Colonography Images using Domain Knowledge. Asian Pacific Journal of Cancer Prevention, 2016, 16, 8351-8358.	0.5	0