

# P C Siddalingaswamy

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

488  
citations

1162367

8  
h-index

794141

19  
g-index

31  
all docs

31  
docs citations

31  
times ranked

480  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Multiclass Skin Lesion classification approach using Transfer learning based convolutional Neural Network. , 2021, , .		3
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	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
4	A quantitative validation of segmented colon in virtual colonoscopy using image moments. Biomedical Journal, 2020, 43, 74-82.	1.4	2
5	AUTOMATED DETECTION OF PATHOLOGICAL AND NON-PATHOLOGICAL MYOPIA USING RETINAL FEATURES AND DYNAMIC ENSEMBLE OF CLASSIFIERS. Telecommunications and Radio Engineering (English) Tj ETQq1 1 0.784314 rgBT4Overloc	0.784314	4
6	Automated detection of melanocytes related pigmented skin lesions: A clinical framework. Biomedical Signal Processing and Control, 2019, 51, 59-72.	3.5	24
7	Melanoma Detection in Dermoscopic Images using Color Features. Biomedical and Pharmacology Journal, 2019, 12, 107-115.	0.2	9
8	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
9	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
10	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
11	A pixel processing approach for retinal vessel extraction using modified Gabor functions. Progress in Artificial Intelligence, 2018, 7, 1-14.	1.5	3
12	Hair detection and lesion segmentation in dermoscopic images using domain knowledge. Medical and Biological Engineering and Computing, 2018, 56, 2051-2065.	1.6	25
13	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
14	Computer based rehabilitation for patients with central vision loss. , 2017, , .		0
15	An Improved Method of Polyp Size Measurement in Computed Tomography Colonography Images. , 2017, , .		0
16	Classification of benign and malignant melanocytic lesions: A CAD tool. , 2017, , .		13
17	Study of Melanocytic Nevi using image processing. , 2017, , .		1
18	Analysis of tree based search techniques for solving 8-puzzle problem. , 2017, , .		2

#	ARTICLE	IF	CITATIONS
19	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
20	Automatic Electronic Cleansing in Computed Tomography Colonography Images using Domain Knowledge. Asian Pacific Journal of Cancer Prevention, 2016, 16, 8351-8358.	0.5	0
21	An expert system for electronic cleansing of contrast in CT colonography images. , 2015, , .		0
22	A knowledge based approach for colon segmentation in CT colonography images. , 2015, , .		4
23	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
24	AUTOMATIC DETECTION AND GRADING OF SEVERITY LEVEL IN EXUDATIVE MACULOPATHY. Biomedical Engineering - Applications, Basis and Communications, 2011, 23, 173-179.	0.3	8
25	A novel skew estimation approach using radon transform. , 2011, , .		2
26	Automatic grading of diabetic maculopathy severity levels. , 2010, , .		40
27	Automatic detection of multiple oriented blood vessels in retinal images. Journal of Biomedical Science and Engineering, 2010, 03, 101-107.	0.2	18
28	Automatic Localization and Boundary Detection of Optic Disc Using Implicit Active Contours. International Journal of Computer Applications, 2010, 1, 1-5.	0.2	38
29	Automatic Segmentation of Blood Vessels in Colour Retinal Images using Spatial Gabor Filter and Multiscale Analysis. IFMBE Proceedings, 2009, , 274-276.	0.2	6
30	Automated Detection of Optic Disc and Exudates in Retinal Images. IFMBE Proceedings, 2009, , 277-279.	0.2	6
31	A Novel Method to Measure the Learning Capability of a Parameter in Artificial Neural Network with Application to Network Freezing. , 2007, , .		5