



Kumar S S

Associate Professor, Noorul Islam Centre for
Higher Education

Image Processing

Medical Image Processing

Medical Image Analysis

GET MY OWN PROFILE

	All	Since 2015
Citations	632	551
h-index	12	12
i10-index	15	13

TITLE	CITED BY	YEAR
An automatic computer-aided diagnosis system for liver tumours on computed tomography images SS Kumar, RS Moni, J Rajeesh Computers & Electrical Engineering 39 (5), 1516-1526	70	2013
Automatic liver and lesion segmentation: a primary step in diagnosis of liver diseases SS Kumar, RS Moni, J Rajeesh Signal, Image and Video Processing 7 (1), 163-172	66	2013
Diagnosis of Liver Tumor from CT Images using Curvelet Transform RSM S. S. KUMAR (IJCSE) International Journal on Computer Science and Engineering 2 (04 ...	55	2010
Diagnosis of Liver Tumor from CT Images Using Fast Discrete Curvelet Transform MRS Kumar S S International Journal of Computer Applications	55 *	2010
Segmentation of lung nodule in CT data using active contour model and Fuzzy C-mean clustering EE Nithila, SS Kumar Alexandria Engineering Journal 55 (3), 2583-2588	50	2016
A survey on detection of brain tumor from MRI brain images SU Aswathy, GGD Dhas, SS Kumar 2014 international conference on control, Instrumentation, Communication and ...	50	2014
Automatic segmentation of liver and tumor for CAD of liver SS Kumar, RS Moni, J Rajeesh Journal of advances in information technology 2 (1), 63-70	48	2011
Automatic detection of solitary pulmonary nodules using swarm intelligence optimized neural networks on CT images EE Nithila, SS Kumar Engineering science and technology, an international journal 20 (3), 1192-1202	37	2017
Liver tumor diagnosis by gray level and contourlet coefficients texture analysis SS Kumar, RS Moni, J Rajeesh 2012 International Conference on Computing, Electronics and Electrical ...	30	2012
Optical character recognition: an overview and an insight D Berchmans, SS Kumar 2014 International Conference on Control, Instrumentation, Communication and ...	29	2014

TITLE	CITED BY	YEAR
A survey on recent computer-aided diagnosis of melanoma SB Sathiya, SS Kumar, A Prabin 2014 International Conference on Control, Instrumentation, Communication and ...	26	2014
Segmentation of lung from CT using various active contour models SS Nithila, E.E., Kumar Biomedical Signal Processing and Control 47, 57-62	13	2019
Survey on recent CAD system for liver disease diagnosis SS Kumar, D Devapal 2014 International Conference on Control, Instrumentation, Communication and ...	12	2014
Contourlet transform based computer-aided diagnosis system for liver tumors on computed tomography images SS Kumar, RS Moni, J Rajeesh 2011 International Conference on Signal Processing, Communication, Computing ...	12	2011
Diagnosis of liver tumour from CT images using contourlet transform SS Kumar, RS Moni International Journal of Biomedical Engineering and Technology 7 (3), 276-290	12	2011
Recent methods for the detection of tumor using computer aided diagnosis—a review PYM Anshad, SS Kumar 2014 International Conference on Control, Instrumentation, Communication and ...	11	2014
Automatic detection of lung nodules using classifiers RA Thomas, SS Kumar 2014 International Conference on Control, Instrumentation, Communication and ...	9	2014
Comprehensive Survey on SAR Image Despeckling Techniques D Devapal, SS Kumar, C Jojy Indian Journal of Science and Technology 8 (24), 1-4	8	2015
Performance analysis of wave atom transform in texture classification J Rajeesh, RS Moni, SS Kumar Signal, Image and Video Processing 8 (5), 923-930	8	2014
Assessment of neural network based classifiers to diagnose focal liver lesions using CT images RS Hameed, SS Kumar Procedia engineering 38, 4048-4056	8	2012