Jayasree Chakraborty

List of Publications by Year in Descending Order

54 papers	746 citations	17 h-index	25 g-index
67 ext. papers	993 ext. citations	3 avg, IF	4.15 L-index

#	Paper	IF	Citations
54	A multi features based background modelling approach for moving object detection. *Optik*, **2022**, 168980	0.5	0
53	Recurrence After Resection of Pancreatic Cancer: Can Radiomics Predict Patients at Greatest Risk of Liver Metastasis?. *Annals of Surgical Oncology*, **2022**, 1	3.1	2
52	Quantitative Computed Tomography Image Analysis to Predict Pancreatic Neuroendocrine Tumor Grade. *JCO Clinical Cancer Informatics*, **2021**, 5, 679-694	5.2	0
51	Enhancement of Hazy Images Using Atmospheric Light Estimation Technique. *Journal of Circuits, Systems and Computers*, **2021**, 30, 2150078	0.9	0
50	MhURI:A Supervised Segmentation Approach to Leverage Salient Brain Tissues in Magnetic Resonance Images. *Computer Methods and Programs in Biomedicine*, **2021**, 200, 105841	6.9	3
49	Differences in Liver Parenchyma are Measurable with CT Radiomics at Initial Colon Resection in Patients that Develop Hepatic Metastases from Stage II/III Colon Cancer. *Annals of Surgical Oncology*, **2021**, 28, 1982-1989	3.1	7
48	Multimodal radiomics and cyst fluid inflammatory markers model to predict preoperative risk in intraductal papillary mucinous neoplasms. *Journal of Medical Imaging*, **2020**, 7, 031507	2.6	5
47	Radiomic feature reproducibility in contrast-enhanced CT of the pancreas is affected by variabilities in scan parameters and manual segmentation. *European Radiology*, **2020**, 30, 195-205	8	31
46	Multi-Resolution Analysis of Edge-Texture Features for Mammographic Mass Classification. *Journal of Circuits, Systems and Computers*, **2020**, 29, 2050156	0.9	
45	Dynamic background modeling using intensity and orientation distribution of video sequence. *Multimedia Tools and Applications*, **2019**, 78, 22537-22554	2.5	3
44	Quantitative imaging features of pretreatment CT predict volumetric response to chemotherapy in patients with colorectal liver metastases. *European Radiology*, **2019**, 29, 458-467	8	8
43	Preoperative risk prediction for intraductal papillary mucinous neoplasms by quantitative CT image analysis. *Hpb*, **2019**, 21, 212-218	3.8	22
42	A Screening CAD Tool for the Detection of Microcalcification Clusters in Mammograms. *Journal of Digital Imaging*, **2019**, 32, 728-745	5.3	3
41	Radiomics-based prediction of microsatellite instability in colorectal cancer at initial computed tomography evaluation. *Abdominal Radiology*, **2019**, 44, 3755-3763	3	31
40	CT radiomics associations with genotype and stromal content in pancreatic ductal adenocarcinoma. *Abdominal Radiology*, **2019**, 44, 3148-3157	3	22
39	Brain Tumor Classification Using ResNet-101 Based Squeeze and Excitation Deep Neural Network **2019**,		21
38	Computer-Aided Detection of Mammographic Masses Using Hybrid Region Growing Controlled by Multilevel Thresholding. *Journal of Medical and Biological Engineering*, **2019**, 39, 352-366	2.2	10

37	Quantitative Imaging Features and Postoperative Hepatic Insufficiency: A Multi-Institutional Expanded Cohort. *Journal of the American College of Surgeons*, **2018**, 226, 835-843	4.4	7
36	Computer-aided detection and diagnosis of mammographic masses using multi-resolution analysis of oriented tissue patterns. *Expert Systems With Applications*, **2018**, 99, 168-179	7.8	20
35	Survival Prediction in Pancreatic Ductal Adenocarcinoma by Quantitative Computed Tomography Image Analysis. *Annals of Surgical Oncology*, **2018**, 25, 1034-1042	3.1	61
34	Neighborhood Structural Similarity Mapping for the Classification of Masses in Mammograms. *IEEE Journal of Biomedical and Health Informatics*, **2018**, 22, 826-834	7.2	24
33	Edge Weighted Local Texture Features for the Categorization of Mammographic Masses. *Journal of Medical and Biological Engineering*, **2018**, 38, 457-468	2.2	6
32	Short-term reproducibility of radiomic features in liver parenchyma and liver malignancies on contrast-enhanced CT imaging. *Abdominal Radiology*, **2018**, 43, 3271-3278	3	29
31	Influence of CT acquisition and reconstruction parameters on radiomic feature reproducibility. *Journal of Medical Imaging*, **2018**, 5, 011020	2.6	34
30	Multi-resolution analysis using integrated microscopic configuration with local patterns for benign-malignant mass classification **2018**,		3
29	Deep convolutional neural network for the classification of hepatocellular carcinoma and intrahepatic cholangiocarcinoma **2018**,		3
28	CT radiomics to predict high-risk intraductal papillary mucinous neoplasms of the pancreas. *Medical Physics*, **2018**, 45, 5019-5029	4.4	46
27	Quantification of CT images for the classification of high- and low-risk pancreatic cysts **2017**,		3
26	Preoperative Prediction of Microvascular Invasion in Hepatocellular Carcinoma Using Quantitative Image Analysis. *Journal of the American College of Surgeons*, **2017**, 225, 778-788.e1	4.4	43
25	Preliminary study of tumor heterogeneity in imaging predicts two year survival in pancreatic cancer patients. *PLoS ONE*, **2017**, 12, e0188022	3.7	43
24	Preoperative prediction of microvascular invasion in hepatocellular carcinoma using quantitative image analysis. *Hpb*, **2017**, 19, S48	3.8	2
23	Video error concealment through 3-D face model. *Multimedia Tools and Applications*, **2017**, 76, 23931-23955	2.5	1
22	Analysis of 2D singularities for mammographic mass classification. *IET Computer Vision*, **2017**, 11, 22-32	1.4	11
21	Texture analysis of gradient images for benign-malignant mass classification **2017**,		2
20	A Study of Different Texture Features Based on Local Operator for Benign-malignant Mass Classification. *Procedia Computer Science*, **2016**, 93, 389-395	1.6	8

19	Texture analysis for survival prediction of pancreatic ductal adenocarcinoma patients with neoadjuvant chemotherapy **2016**,		2
18	Benign-malignant mass classification in mammogram using edge weighted local texture features **2016**,		1
17	Classification of benign and malignant masses in mammograms using multi-resolution analysis of oriented patterns **2015**,		14
16	Detection of the nipple in mammograms with Gabor filters and the Radon transform. *Biomedical Signal Processing and Control*, **2015**, 15, 80-89	4.9	4
15	Video error concealment using Speeded Up Robust Features and affine transformation **2014**,		1
14	Face detection using skin color modeling and geometric feature **2014**,		4
13	A heuristic approach to automated nipple detection in digital mammograms. *Journal of Digital Imaging*, **2013**, 26, 932-40	5.3	10
12	Measures of divergence of oriented patterns for the detection of architectural distortion in prior mammograms. *International Journal of Computer Assisted Radiology and Surgery*, **2013**, 8, 527-45	3.9	20
11	Automatic characterization of masses in mammograms **2013**,		13
10	Detection of architectural distortion using coherence in relation to the expected orientation of breast tissue **2012**,		2
9	Automatic detection of pectoral muscle using average gradient and shape based feature. *Journal of Digital Imaging*, **2012**, 25, 387-99	5.3	38
8	Statistical measures of orientation of texture for the detection of architectural distortion in prior mammograms of interval-cancer. *Journal of Electronic Imaging*, **2012**, 21, 033010-1	0.7	25
7	Detection of architectural distortion in prior mammograms using statistical measures of orientation of texture **2012**,		9
6	Detection of masses in mammograms using region growing controlled by multilevel thresholding **2012**,		7
5	A robust cooperative multi-robot path-planning in noisy environment **2010**,		3
4	Rotation and translation selective Pareto optimal solution to the box-pushing problem by mobile robots using NSGA-II **2009**,		9
3	Cooperative multi-robot path planning using differential evolution. *Journal of Intelligent and Fuzzy Systems*, **2009**, 20, 13-27	1.6	46
2	A Multi-Objective Pareto-Optimal Solution to the Box-Pushing Problem by Mobile Robots **2008**,		5

List of Publications