Jun Xu

List of Publications by Year
in descending order

37	1,698	567281 15	377865 34
papers	citations	h-index	g-index

41	41	41	2362
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Stacked Sparse Autoencoder (SSAE) for Nuclei Detection on Breast Cancer Histopathology Images. IEEE Transactions on Medical Imaging, 2016, 35, 119-130.	8.9	659
2	A Deep Convolutional Neural Network for segmenting and classifying epithelial and stromal regions in histopathological images. Neurocomputing, 2016, 191, 214-223.	5.9	365
3	Edaravone Dexborneol Versus Edaravone Alone for the Treatment of Acute Ischemic Stroke. Stroke, 2021, 52, 772-780.	2.0	78
4	Stacked Sparse Autoencoder (SSAE) based framework for nuclei patch classification on breast cancer histopathology. , 2014, , .		57
5	Sparse Non-negative Matrix Factorization (SNMF) based color unmixing for breast histopathological image analysis. Computerized Medical Imaging and Graphics, 2015, 46, 20-29.	5.8	54
6	Computer-aided prognosis on breast cancer with hematoxylin and eosin histopathology images: A review. Tumor Biology, 2017, 39, 101042831769455.	1.8	46
7	A prognostic model for overall survival of patients with early-stage non-small cell lung cancer: a multicentre, retrospective study. The Lancet Digital Health, 2020, 2, e594-e606.	12.3	38
8	Stacked-autoencoder-based model for COVID-19 diagnosis on CT images. Applied Intelligence, 2021, 51, 2805-2817.	5.3	36
9	Prognostic value of preoperative serum tumor markers in gastric cancer. World Journal of Clinical Oncology, 2014, 5, 170.	2.3	31
10	CT-Radiomic Approach to Predict G1/2 Nonfunctional Pancreatic Neuroendocrine Tumor. Academic Radiology, 2020, 27, e272-e281.	2.5	27
11	<scp>Noncontrast</scp> Radiomics Approach for Predicting Grades of Nonfunctional Pancreatic Neuroendocrine Tumors. Journal of Magnetic Resonance Imaging, 2020, 52, 1124-1136.	3.4	27
12	Multi-Pass Adaptive Voting for Nuclei Detection in Histopathological Images. Scientific Reports, 2016, 6, 33985.	3.3	25
13	Computerized tumor multinucleation index (MuNI) is prognostic in p16+ oropharyngeal carcinoma. Journal of Clinical Investigation, 2021, 131, .	8.2	24
14	Patch-based active learning (PTAL) for spectral-spatial classification on hyperspectral data. International Journal of Remote Sensing, 2014, 35, 1846-1875.	2.9	23
15	Computerized spermatogenesis staging (CSS) of mouse testis sections via quantitative histomorphological analysis. Medical Image Analysis, 2021, 70, 101835.	11.6	22
16	Pros and Cons: High Proportion of Stromal Component Indicates Better Prognosis in Patients With Pancreatic Ductal Adenocarcinomaâ€"A Research Based on the Evaluation of Whole-Mount Histological Slides. Frontiers in Oncology, 2020, 10, 1472.	2.8	18
17	Autoantibodies in Chinese patients with chronic hepatitis B: Prevalence and clinical associations. World Journal of Gastroenterology, 2015, 21, 283.	3.3	18
18	Preoperative Radiomics Approach to Evaluating <scp>Tumorâ€Infiltrating CD8</scp>⁺ T Cells in Patients With Pancreatic Ductal Adenocarcinoma Using Noncontrast Magnetic Resonance Imaging. Journal of Magnetic Resonance Imaging, 2022, 55, 803-814.	3.4	16

#	Article	IF	Citations
19	Convolutional neural network initialized active contour model with adaptive ellipse fitting for nuclear segmentation on breast histopathological images. Journal of Medical Imaging, 2019, 6, 1.	1.5	16
20	Prognostic value of perioperative leukocyte count in resectable gastric cancer. World Journal of Gastroenterology, 2016, 22, 2818.	3.3	15
21	A Novel Two-Stage Deep Method for Mitosis Detection in Breast Cancer Histology Images. , 2018, , .		11
22	Preoperative Prediction of G1 and G2/3 Grades in Patients With Nonfunctional Pancreatic Neuroendocrine Tumors Using Multimodality Imaging. Academic Radiology, 2022, 29, e49-e60.	2.5	11
23	Automated gleason grading on prostate biopsy slides by statistical representations of homology profile. Computer Methods and Programs in Biomedicine, 2020, 194, 105528.	4.7	10
24	Obstructive sleep apnea aggravates neuroinflammation and pyroptosis in early brain injury following subarachnoid hemorrhage via ASC/HIF-1Î± pathway. Neural Regeneration Research, 2022, 17, 2537.	3.0	10
25	Rapid location technology of odor sources by multiâ€UAV. Journal of Field Robotics, 2022, 39, 600-616.	6.0	8
26	Survival prediction on intrahepatic cholangiocarcinoma with histomorphological analysis on the whole slide images. Computers in Biology and Medicine, 2022, 146, 105520.	7.0	7
27	Prior-Aware CNN with Multi-Task Learning for Colon Images Analysis. , 2020, , .		6
28	A new committee-based active learning (CBAL) approach to hyperspectral remote sensing data classification. Remote Sensing Letters, 2014, 5, 511-520.	1.4	5
29	Chronic Intermittent Hypoxia Regulates CaMKII-Dependent MAPK Signaling to Promote the Initiation of Abdominal Aortic Aneurysm. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	4.0	5
30	The Diagnosis of Chronic Myeloid Leukemia with Deep Adversarial Learning. American Journal of Pathology, 2022, 192, 1083-1091.	3.8	5
31	Connecting Markov random fields and active contour models: application to gland segmentation and classification. Journal of Medical Imaging, 2017, 4, 021107.	1.5	4
32	A study of quality control method for IMRT planning based on prior knowledge and novel measures derived from both OVHs and DVHs. Bio-Medical Materials and Engineering, 2014, 24, 3479-3485.	0.6	3
33	Deep <scp>SEDâ€Net</scp> with interactive learning for multiple testicular cell types segmentation and cell composition analysis in mouse seminiferous tubules. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2022, , .	1.5	3
34	Application of side-to-side anastomosis of the lesser curvature of stomach and jejunum in gastric bypass. World Journal of Gastroenterology, 2016, 22, 8398.	3.3	2
35	Telemedicine System with Elements of Artificial Intelligence for Health Monitoring During COVID-19 Pandemic. Lecture Notes in Computer Science, 2020, , 103-110.	1.3	2
36	Scaleâ€•and Sliceâ€aware Net (S 2 aNet) for 3D segmentation of organs and musculoskeletal structures in pelvic MRI. Magnetic Resonance in Medicine, 2022, 87, 431-445.	3.0	1

#	Article	IF	Citations
37	Shape sharing initialized active contour model for image segmentation. , 2014, , .		0