Richard J Chen

List of Publications by Year
in descending order

10 papers	**1,425** citations	1163117 **8** h-index	1474206 **9** g-index
10 all docs	**10** docs citations	**10** times ranked	**887** citing authors

#	Article	IF	Citations
1	Data-efficient and weakly supervised computational pathology on whole-slide images. Nature Biomedical Engineering, 2021, 5, 555-570.	22.5	539
2	Synthetic data in machine learning for medicine and healthcare. Nature Biomedical Engineering, 2021, 5, 493-497.	22.5	249
3	Deep Adversarial Training for Multi-Organ Nuclei Segmentation in Histopathology Images. IEEE Transactions on Medical Imaging, 2020, 39, 3257-3267.	8.9	190
4	Pathomic Fusion: An Integrated Framework for Fusing Histopathology and Genomic Features for Cancer Diagnosis and Prognosis. IEEE Transactions on Medical Imaging, 2022, 41, 757-770.	8.9	190
5	Federated learning for computational pathology on gigapixel whole slide images. Medical Image Analysis, 2022, 76, 102298.	11.6	93
6	Whole Slide Images are 2D Point Clouds: Context-Aware Survival Prediction Using Patch-Based Graph Convolutional Networks. Lecture Notes in Computer Science, 2021, , 339-349.	1.3	51
7	Deep learning-enabled assessment of cardiac allograft rejection from endomyocardial biopsies. Nature Medicine, 2022, 28, 575-582.	30.7	44
8	VR-Caps: A Virtual Environment for Capsule Endoscopy. Medical Image Analysis, 2021, 70, 101990.	11.6	40
9	Weakly Supervised Prostate Tma Classification Via Graph Convolutional Networks. , 2020, , .		26
10	Efficient cellular annotation of histopathology slides with real-time AI augmentation. Npj Digital Medicine, 2021, 4, 161.	10.9	3