Simon Graham

List of Publications by Year
in descending order

18 papers	2,152 citations	687220 13 h-index	1058333 14 g-index
20 all docs	20 docs citations	20 times ranked	1627 citing authors

#	Article	IF	Citations
1	SAFRON: Stitching Across the Frontier Network for Generating Colorectal Cancer Histology Images. Medical Image Analysis, 2022, 77, 102337.	7.0	16
2	Semantic annotation for computational pathology: multidisciplinary experience and best practice recommendations. Journal of Pathology: Clinical Research, 2022, 8, 116-128.	1.3	20
3	MoNuSAC2020: A Multi-Organ Nuclei Segmentation and Classification Challenge. IEEE Transactions on Medical Imaging, 2021, 40, 3413-3423.	5.4	71
4	Development and validation of a weakly supervised deep learning framework to predict the status of molecular pathways and key mutations in colorectal cancer from routine histology images: a retrospective study. The Lancet Digital Health, 2021, 3, e763-e772.	5.9	128
5	Lizard: A Large-Scale Dataset for Colonic Nuclear Instance Segmentation and Classification. , 2021, , .		50
6	Simultaneous Nuclear Instance and Layer Segmentation in Oral Epithelial Dysplasia. , 2021, , .		13
7	A Multi-Organ Nucleus Segmentation Challenge. IEEE Transactions on Medical Imaging, 2020, 39, 1380-1391.	5.4	259
8	Capturing Cellular Topology in Multi-Gigapixel Pathology Images. , 2020, , .		35
9	Dense Steerable Filter CNNs for Exploiting Rotational Symmetry in Histology Images. IEEE Transactions on Medical Imaging, 2020, 39, 4124-4136.	5.4	45
10	Rota-Net: Rotation Equivariant Network for Simultaneous Gland and Lumen Segmentation in Colon Histology Images. Lecture Notes in Computer Science, 2019, , 109-116.	1.0	13
11	Hover-Net: Simultaneous segmentation and classification of nuclei in multi-tissue histology images. Medical Image Analysis, 2019, 58, 101563.	7.0	562
12	Methods for Segmentation and Classification of Digital Microscopy Tissue Images. Frontiers in Bioengineering and Biotechnology, 2019, 7, 53.	2.0	169
13	Predicting breast tumor proliferation from whole-slide images: The TUPAC16 challenge. Medical Image Analysis, 2019, 54, 111-121.	7.0	182
14	CGC-Net: Cell Graph Convolutional Network for Grading of Colorectal Cancer Histology Images. , 2019, , .		94
15	Micro-Net: A unified model for segmentation of various objects in microscopy images. Medical Image Analysis, 2019, 52, 160-173.	7.0	168
16	MILD-Net: Minimal information loss dilated network for gland instance segmentation in colon histology images. Medical Image Analysis, 2019, 52, 199-211.	7.0	208
17	Fast ScanNet: Fast and Dense Analysis of Multi-Gigapixel Whole-Slide Images for Cancer Metastasis Detection. IEEE Transactions on Medical Imaging, 2019, 38, 1948-1958.	5.4	84
18	Leveraging Unlabeled Whole-Slide-Images for Mitosis Detection. Lecture Notes in Computer Science, 2018, , 69-77.	1.0	14