Oren Z Kraus

List of Publications by Year
in descending order

9 papers	3,361 citations	8 h-index (1163117)
8 g-index (1588992)	11 all docs	11 docs citations
11 times ranked	5560 citing authors	

#	Article	IF	Citations
1	Diagnostic Assessment of Deep Learning Algorithms for Detection of Lymph Node Metastases in Women With Breast Cancer. JAMA - Journal of the American Medical Association, 2017, 318, 2199.	7.4	2,003
2	Data-analysis strategies for image-based cell profiling. Nature Methods, 2017, 14, 849-863.	19.0	535
3	Classifying and segmenting microscopy images with deep multiple instance learning. Bioinformatics, 2016, 32, i52-i59.	4.1	336
4	Automated analysis of high-content microscopy data with deep learning. Molecular Systems Biology, 2017, 13, 924.	7.2	220
5	Machine learning and computer vision approaches for phenotypic profiling. Journal of Cell Biology, 2017, 216, 65-71.	5.2	130
6	Learning unsupervised feature representations for single cell microscopy images with paired cell inpainting. PLoS Computational Biology, 2019, 15, e1007348.	3.2	69
7	Computer vision for high content screening. Critical Reviews in Biochemistry and Molecular Biology, 2016, 51, 102-109.	5.2	40
8	Integrating images from multiple microscopy screens reveals diverse patterns of change in the subcellular localization of proteins. ELife, 2018, 7, .	6.0	24
9	Learning Biology Through Puzzle-solving: Unbiased Automatic Understanding of Microscopy Images with Self-supervised Learning. Microscopy and Microanalysis, 2020, 26, 690-692.	0.4	0