Maschenka C A Balkenhol

List of Publications by Year
in descending order

17	3,332	623188 14	940134 16
papers	citations	h-index	g-index

17	17	17	4566
all docs	docs citations	times ranked	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.	3.8	2,003
2	From Detection of Individual Metastases to Classification of Lymph Node Status at the Patient Level: The CAMELYON17 Challenge. IEEE Transactions on Medical Imaging, 2019, 38, 550-560.	5.4	269
3	1399 H&E-stained sentinel lymph node sections of breast cancer patients: the CAMELYON dataset. GigaScience, 2018, 7, .	3.3	221
4	Whole-Slide Mitosis Detection in H&E Breast Histology Using PHH3 as a Reference to Train Distilled Stain-Invariant Convolutional Networks. IEEE Transactions on Medical Imaging, 2018, 37, 2126-2136.	5.4	184
5	Context-aware stacked convolutional neural networks for classification of breast carcinomas in whole-slide histopathology images. Journal of Medical Imaging, 2017, 4, 1.	0.8	126
6	Learning to detect lymphocytes in immunohistochemistry with deep learning. Medical Image Analysis, 2019, 58, 101547.	7.0	98
7	HookNet: Multi-resolution convolutional neural networks for semantic segmentation in histopathology whole-slide images. Medical Image Analysis, 2021, 68, 101890.	7.0	92
8	Artificial intelligence assistance significantly improves Gleason grading of prostate biopsies by pathologists. Modern Pathology, 2021, 34, 660-671.	2.9	84
9	Deep learning assisted mitotic counting for breast cancer. Laboratory Investigation, 2019, 99, 1596-1606.	1.7	69
10	Automated Detection of DCIS in Whole-Slide H&E Stained Breast Histopathology Images. IEEE Transactions on Medical Imaging, 2016, 35, 2141-2150.	5.4	68
11	Resolution-agnostic tissue segmentation in whole-slide histopathology images with convolutional neural networks. PeerJ, 2019, 7, e8242.	0.9	39
12	Histological subtypes in triple negative breast cancer are associated with specific information on survival. Annals of Diagnostic Pathology, 2020, 46, 151490.	0.6	21
13	Optimized tumour infiltrating lymphocyte assessment for triple negative breast cancer prognostics. Breast, 2021, 56, 78-87.	0.9	18
14	Deep learning and manual assessment show that the absolute mitotic count does not contain prognostic information in triple negative breast cancer. Cellular Oncology (Dordrecht), 2019, 42, 555-569.	2.1	16
15	Interobserver variability in the assessment of stromal tumor-infiltrating lymphocytes (sTILs) in triple-negative invasive breast carcinoma influences the association with pathological complete response: the IVITA study. Modern Pathology, 2021, 34, 2130-2140.	2.9	14
16	Sonographic Phenotypes of Molecular Subtypes of Invasive Ductal Cancer in Automated 3-D Breast Ultrasound. Ultrasound in Medicine and Biology, 2017, 43, 1820-1828.	0.7	10
17	Evaluation Criteria for Chromosome Instability Detection by FISH to Predict Malignant Progression in Premalignant Glottic Laryngeal Lesions. Cancers, 2022, 14, 3260.	1.7	0