Guy Nir

List of Publications by Year
in descending order

13	692	1040056 9	1125743 13
papers	citations	h-index	g-index

13	13	13	1188
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A new era: artificial intelligence and machine learning in prostate cancer. Nature Reviews Urology, 2019, 16, 391-403.	3.8	294
2	Automatic grading of prostate cancer in digitized histopathology images: Learning from multiple experts. Medical Image Analysis, 2018, 50, 167-180.	11.6	114
3	Deep Learning-Based Gleason Grading of Prostate Cancer From Histopathology Imagesâ€"Role of Multiscale Decision Aggregation and Data Augmentation. IEEE Journal of Biomedical and Health Informatics, 2020, 24, 1413-1426.	6.3	89
4	Comparison of Artificial Intelligence Techniques to Evaluate Performance of a Classifier for Automatic Grading of Prostate Cancer From Digitized Histopathologic Images. JAMA Network Open, 2019, 2, e190442.	5.9	72
5	MR elastography of prostate cancer: quantitative comparison with histopathology and repeatability of methods. NMR in Biomedicine, 2015, 28, 124-139.	2.8	38
6	An End-to-end System for Automatic Characterization of Iba1 Immunopositive Microglia in Whole Slide Imaging. Neuroinformatics, 2019, 17, 373-389.	2.8	19
7	Registration of Whole-Mount Histology and Volumetric Imaging of the Prostate Using Particle Filtering. IEEE Transactions on Medical Imaging, 2014, 33, 1601-1613.	8.9	16
8	Investigation of Physical Phenomena Underlying Temporal-Enhanced Ultrasound as a New Diagnostic Imaging Technique: Theory and Simulations. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2018, 65, 400-410.	3.0	16
9	A framework for optimizationâ€based design of motion encoding in magnetic resonance elastography. Magnetic Resonance in Medicine, 2015, 73, 1514-1525.	3.0	11
10	Model-based registration of ex vivo and in vivo MRI of the prostate using elastography. IEEE Transactions on Medical Imaging, 2013, 32, 1068-1080.	8.9	9
11	Model-based registration of ex vivo and in vivo MRI of the prostate using elastography. IEEE Transactions on Medical Imaging, 2013, 32, 1349-1361.	8.9	7
12	Automatic pathology of prostate cancer in whole mount slides incorporating individual gland classification. Computer Methods in Biomechanics and Biomedical Engineering: Imaging and Visualization, 2019, 7, 336-347.	1.9	5
13	Improving prostate cancer classification in H&E tissue micro arrays using Ki67 and P63 histopathology. Computers in Biology and Medicine, 2020, 127, 104053.	7.0	2