

Guy Nir

List of Publications by Year in descending order

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13
papers

692
citations

1040056

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1125743

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docs citations

13
times ranked

1188
citing authors

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