

Mitko Veta

List of Publications by Year in descending order

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27
papers

3,065
citations

566801

15
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552369

26
g-index

27
all docs

27
docs citations

27
times ranked

4646
citing authors

#	ARTICLE	IF	CITATIONS
1	Physics-informed neural networks for myocardial perfusion MRI quantification. Medical Image Analysis, 2022, 78, 102399.	7.0	16
2	Intensity Augmentation to Improve Generalizability of Breast Segmentation Across Different MRI Scan Protocols. IEEE Transactions on Biomedical Engineering, 2021, 68, 759-770.	2.5	10
3	A global benchmark of algorithms for segmenting the left atrium from late gadolinium-enhanced cardiac magnetic resonance imaging. Medical Image Analysis, 2021, 67, 101832.	7.0	150
4	Roto-translation equivariant convolutional networks: Application to histopathology image analysis. Medical Image Analysis, 2021, 68, 101849.	7.0	51
5	Deep Learning Image Analysis of Benign Breast Disease to Identify Subsequent Risk of Breast Cancer. JNCI Cancer Spectrum, 2021, 5, pkaa119.	1.4	11
6	Domain-Adversarial Learning for Multi-Centre, Multi-Vendor, and Multi-Disease Cardiac MR Image Segmentation. Lecture Notes in Computer Science, 2021, , 228-237.	1.0	11
7	Radial U-Net: Improving DMEK Graft Detachment Segmentation in Radial AS-OCT Scans. Lecture Notes in Computer Science, 2021, , 72-81.	1.0	1
8	Deep learning-based grading of ductal carcinoma in situ in breast histopathology images. Laboratory Investigation, 2021, 101, 525-533.	1.7	20
9	Editorial Computational Pathology. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 303-306.	3.9	2
10	Deep Learning Regression for Prostate Cancer Detection and Grading in Bi-Parametric MRI. IEEE Transactions on Biomedical Engineering, 2021, 68, 374-383.	2.5	77
11	Whole-slide margin control through deep learning in Mohs micrographic surgery for basal cell carcinoma. Experimental Dermatology, 2021, 30, 733-738.	1.4	18
12	Can automatic image analysis replace the pathologist in cardiac allograft rejection diagnosis?. European Heart Journal, 2021, 42, 2370-2372.	1.0	2
13	Corneal pachymetry by AS-OCT after Descemet's membrane endothelial keratoplasty. Scientific Reports, 2021, 11, 13976.	1.6	5
14	Adversarial attack vulnerability of medical image analysis systems: Unexplored factors. Medical Image Analysis, 2021, 73, 102141.	7.0	35
15	Multi-Centre, Multi-Vendor and Multi-Disease Cardiac Segmentation: The M&Ms Challenge. IEEE Transactions on Medical Imaging, 2021, 40, 3543-3554.	5.4	168
16	Deep Learning-Based Preprocessing for Quantitative Myocardial Perfusion MRI. Journal of Magnetic Resonance Imaging, 2020, 51, 1689-1696.	1.9	52
17	Automated Quantitative Measures of Terminal Duct Lobular Unit Involution and Breast Cancer Risk. Cancer Epidemiology Biomarkers and Prevention, 2020, 29, 2358-2368.	1.1	11
18	Quantifying Graft Detachment after Descemet's Membrane Endothelial Keratoplasty with Deep Convolutional Neural Networks. Translational Vision Science and Technology, 2020, 9, 48.	1.1	16

#	ARTICLE	IF	CITATIONS
19	Deep learning assessment of breast terminal duct lobular unit involution: Towards automated prediction of breast cancer risk. PLoS ONE, 2020, 15, e0231653.	1.1	16
20	Learning Domain-Invariant Representations of Histological Images. Frontiers in Medicine, 2019, 6, 162.	1.2	29
21	Automated clear cell renal carcinoma grade classification with prognostic significance. PLoS ONE, 2019, 14, e0222641.	1.1	35
22	Predicting breast tumor proliferation from whole-slide images: The TUPAC16 challenge. Medical Image Analysis, 2019, 54, 111-121.	7.0	182
23	Inferring a third spatial dimension from 2D histological images. , 2018, , .		2
24	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
25	Long-term prognosis of young breast cancer patients (â‰¥40 years) who did not receive adjuvant systemic treatment: protocol for the PARADIGM initiative cohort study. BMJ Open, 2017, 7, e017842.	0.8	11
26	Domain-Adversarial Neural Networks to Address the Appearance Variability of Histopathology Images. Lecture Notes in Computer Science, 2017, , 83-91.	1.0	59
27	Mitosis Counting in Breast Cancer: Object-Level Interobserver Agreement and Comparison to an Automatic Method. PLoS ONE, 2016, 11, e0161286.	1.1	72