Aria Pezeshk

List of Publications by Year
in descending order

12 papers	**716** citations	1306789 **7** h-index	1281420 **11** g-index
12 all docs	**12** docs citations	**12** times ranked	**1192** citing authors

#	ARTICLE	IF	CITATIONS
1	Deep learning in medical imaging and radiation therapy. Medical Physics, 2019, 46, e1-e36.	1.6	513
2	3-D Convolutional Neural Networks for Automatic Detection of Pulmonary Nodules in Chest CT. IEEE Journal of Biomedical and Health Informatics, 2019, 23, 2080-2090.	3.9	75
3	Seamless Lesion Insertion for Data Augmentation in CAD Training. IEEE Transactions on Medical Imaging, 2017, 36, 1005-1015.	5.4	39
4	Evaluation of data augmentation via synthetic images for improved breast mass detection on mammograms using deep learning. Journal of Medical Imaging, 2019, 7, 1.	0.8	25
5	Seamless Insertion of Pulmonary Nodules in Chest CT Images. IEEE Transactions on Biomedical Engineering, 2015, 62, 2812-2827.	2.5	19
6	Recurrent attention network for false positive reduction in the detection of pulmonary nodules in thoracic CT scans. Medical Physics, 2020, 47, 2150-2160.	1.6	14
7	Techniques for virtual lung nodule insertion: volumetric and morphometric comparison of projection-based and image-based methods for quantitative CT. Physics in Medicine and Biology, 2017, 62, 7280-7299.	1.6	12
8	Automatic lung nodule detection in thoracic CT scans using dilated slice‐wise convolutions. Medical Physics, 2021, 48, 3741-3751.	1.6	7
9	Evaluation of Simulated Lesions as Surrogates to Clinical Lesions for Thoracic CT Volumetry: The Results of an International Challenge. Academic Radiology, 2019, 26, e161-e173.	1.3	4
10	Seamless lesion insertion in digital mammography: methodology and reader study. Proceedings of SPIE, 2016, , .	0.8	3
11	Computational insertion of microcalcification clusters on mammograms: reader differentiation from native clusters and computer-aided detection comparison. Journal of Medical Imaging, 2018, 5, 1.	0.8	3
12	Towards the use of computationally inserted lesions for mammographic CAD assessment. , 2018, , .		2