

Jihyun Yun

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

200
citations

7
h-index

14
g-index

18
ext. papers

231
ext. citations

3.8
avg, IF

2.54
L-index

#	Paper	IF	Citations
17	First demonstration of intrafractional tumor-tracked irradiation using 2D phantom MR images on a prototype linac-MR. <i>Medical Physics</i> , 2013 , 40, 051718	4.4	54
16	Neural-network based autocontouring algorithm for intrafractional lung-tumor tracking using Linac-MR. <i>Medical Physics</i> , 2015 , 42, 2296-310	4.4	31
15	Evaluation of a lung tumor autocontouring algorithm for intrafractional tumor tracking using low-field MRI: a phantom study. <i>Medical Physics</i> , 2012 , 39, 1481-94	4.4	29
14	An artificial neural network (ANN)-based lung-tumor motion predictor for intrafractional MR tumor tracking. <i>Medical Physics</i> , 2012 , 39, 4423-33	4.4	27
13	Prior data assisted compressed sensing: a novel MR imaging strategy for real time tracking of lung tumors. <i>Medical Physics</i> , 2014 , 41, 082301	4.4	16
12	Sliding window prior data assisted compressed sensing for MRI tracking of lung tumors. <i>Medical Physics</i> , 2017 , 44, 84-98	4.4	11
11	Real-time dynamic MR image reconstruction using compressed sensing and principal component analysis (CS-PCA): Demonstration in lung tumor tracking. <i>Medical Physics</i> , 2017 , 44, 3978-3989	4.4	9
10	Single patient convolutional neural networks for real-time MR reconstruction: a proof of concept application in lung tumor segmentation for adaptive radiotherapy. <i>Physics in Medicine and Biology</i> , 2019 , 64, 195002	3.8	5
9	Improved lung tumor autocontouring algorithm for intrafractional tumor tracking using 0.5 T linac-MR. <i>Biomedical Physics and Engineering Express</i> , 2016 , 2, 067004	1.5	5
8	Evaluating performance of a user-trained MR lung tumor autocontouring algorithm in the context of intra- and interobserver variations. <i>Medical Physics</i> , 2018 , 45, 307-313	4.4	5
7	Peri-anal surface dose in anal canal VMAT radiotherapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2018 , 62, 734-738	1.7	3
6	Single patient convolutional neural networks for real-time MR reconstruction: coherent low-resolution versus incoherent undersampling. <i>Physics in Medicine and Biology</i> , 2020 , 65, 08NT03	3.8	2
5	Tracking tumor boundary using point correspondence for adaptive radio therapy. <i>Computer Methods and Programs in Biomedicine</i> , 2018 , 165, 187-195	6.9	2
4	Real-Time Lung Tumor Tracking Using a CUDA Enabled Nonrigid Registration Algorithm for MRI. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2020 , 8, 4300308	3	1
3	Dosimetric Parameters Predicting Late Small Bowel Toxicity in Patients With Rectal Cancer Receiving Neoadjuvant Chemoradiation. <i>Practical Radiation Oncology</i> , 2021 , 11, e70-e79	2.8	0
2	SU-E-J-151: Evaluation of a Real Time Tumour Autocontouring Algorithm Using In-Vivo Lung MR Images with Various Contrast to Noise Ratios. <i>Medical Physics</i> , 2012 , 39, 3687	4.4	
1	Time domain principal component analysis for rapid, real-time 2D MRI reconstruction from undersampled data. <i>Medical Physics</i> , 2021 , 48, 6724-6739	4.4	

