Eugene Yip

List of Publications by Year
in descending order

11 papers	191 citations	1163117 8 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	304 citing authors

#	Article	IF	Citations
1	48 echo T2 myelin imaging of white matter in first-episode schizophrenia: Evidence for aberrant myelination. NeuroImage: Clinical, 2014, 6, 408-414.	2.7	38
2	Neuralâ€•network based autocontouring algorithm for intrafractional lungâ€tumor tracking using Linacâ€MR. Medical Physics, 2015, 42, 2296-2310.	3.0	37
3	Evaluation of a lung tumor autocontouring algorithm for intrafractional tumor tracking using low-field MRI: A phantom study. Medical Physics, 2012, 39, 1481-1494.	3.0	34
4	Sliding window prior data assisted compressed sensing for <scp>MRI</scp> tracking of lung tumors. Medical Physics, 2017, 44, 84-98.	3.0	20
5	Prior data assisted compressed sensing: A novel MR imaging strategy for real time tracking of lung tumors. Medical Physics, 2014, 41, 082301.	3.0	18
6	Realâ€time dynamic <scp>MR</scp> image reconstruction using compressed sensing and principal component analysis (<scp>CS</scp>â€<scp>PCA</scp>): Demonstration in lung tumor tracking. Medical Physics, 2017, 44, 3978-3989.	3.0	13
7	Improved lung tumor autocontouring algorithm for intrafractional tumor tracking using 0.5 T linac-MR. Biomedical Physics and Engineering Express, 2016, 2, 067004.	1.2	9
8	Single patient convolutional neural networks for real-time MR reconstruction: a proof of concept application in lung tumor segmentation for adaptive radiotherapy. Physics in Medicine and Biology, 2019, 64, 195002.	3.0	9
9	Evaluating performance of a userâ€trained MR lung tumor autocontouring algorithm in the context of intraâ€and interobserver variations. Medical Physics, 2018, 45, 307-313.	3.0	8
10	Single patient convolutional neural networks for real-time MR reconstruction: coherent low-resolution versus incoherent undersampling. Physics in Medicine and Biology, 2020, 65, 08NT03.	3.0	3
11	Time domain principal component analysis for rapid, realâ€time 2D MRI reconstruction from undersampled data. Medical Physics, 2021, 48, 6724-6739.	3.0	2