Timothy Solberg

List of Publications by Year
in descending order

11 papers	2,219 citations	1040056 9 h-index	1199594 12 g-index
12 all docs	12 docs citations	12 times ranked	2844 citing authors

#	Article	IF	Citations
1	Local Control After Stereotactic Body Radiation Therapy for Stage I Non-Small Cell Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2021, 110, 160-171.	0.8	32
2	Targeted transfer learning to improve performance in small medical physics datasets. Medical Physics, 2020, 47, 6246-6256.	3.0	29
3	Optimizing beam models for dosimetric accuracy over a wide range of treatments. Physica Medica, 2019, 58, 47-53.	0.7	6
4	NCTN Assessment on Current Applications of Radiomics in Oncology. International Journal of Radiation Oncology Biology Physics, 2019, 104, 302-315.	0.8	44
5	Deep nets vs expert designed features in medical physics: An IMRT QA case study. Medical Physics, 2018, 45, 2672-2680.	3.0	85
6	Machine learning algorithms for outcome prediction in (chemo)radiotherapy: An empirical comparison of classifiers. Medical Physics, 2018, 45, 3449-3459.	3.0	214
7	A role for dynamic contrast-enhanced magnetic resonance imaging in predicting tumour radiation response. British Journal of Cancer, 2016, 114, 1206-1211.	6.4	11
8	Single-fraction spine SBRT end-to-end testing on TomoTherapy, Vero, TrueBeam, and CyberKnife treatment platforms using a novel anthropomorphic phantom. Journal of Applied Clinical Medical Physics, 2015, 16, 170-182.	1.9	34
9	Dosimetric comparison of Acuros XB with collapsed cone convolution/superposition and anisotropic analytic algorithm for stereotactic ablative radiotherapy of thoracic spinal metastases. Journal of Applied Clinical Medical Physics, 2015, 16, 181-192.	1.9	26
10	Correlations of noninvasive BOLD and TOLD MRI with pO_2 and relevance to tumor radiation response. Magnetic Resonance in Medicine, 2014, 71, 1863-1873.	3.0	114
11	Stereotactic body radiation therapy: The report of AAPM Task Group 101. Medical Physics, 2010, 37, 4078-4101.	3.0	1,616