

Timothy Solberg

List of Publications by Year in descending order

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