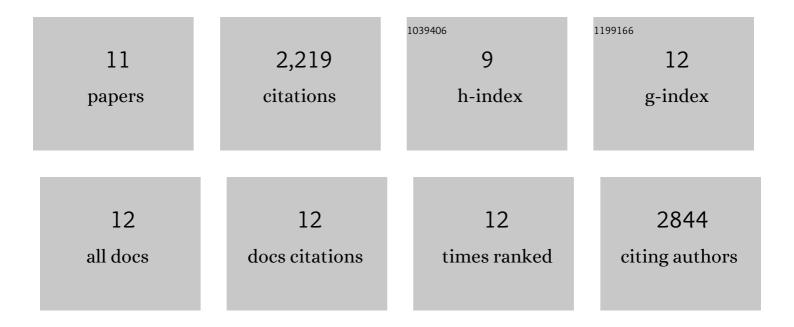
Timothy Solberg

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10699204/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Stereotactic body radiation therapy: The report of AAPM Task Group 101. Medical Physics, 2010, 37, 4078-4101.	1.6	1,616
2	Machine learning algorithms for outcome prediction in (chemo)radiotherapy: An empirical comparison of classifiers. Medical Physics, 2018, 45, 3449-3459.	1.6	214
3	Correlations of noninvasive BOLD and TOLD MRI with pO ₂ and relevance to tumor radiation response. Magnetic Resonance in Medicine, 2014, 71, 1863-1873.	1.9	114
4	Deep nets vs expert designed features in medical physics: An IMRT QA case study. Medical Physics, 2018, 45, 2672-2680.	1.6	85
5	NCTN Assessment on Current Applications of Radiomics in Oncology. International Journal of Radiation Oncology Biology Physics, 2019, 104, 302-315.	0.4	44
6	Singleâ€fraction spine SBRT endâ€toâ€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.	0.8	34
7	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.	0.4	32
8	Targeted transfer learning to improve performance in small medical physics datasets. Medical Physics, 2020, 47, 6246-6256.	1.6	29
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.	0.8	26
10	A role for dynamic contrast-enhanced magnetic resonance imaging in predicting tumour radiation response. British Journal of Cancer, 2016, 114, 1206-1211.	2.9	11
11	Optimizing beam models for dosimetric accuracy over a wide range of treatments. Physica Medica, 2019, 58, 47-53	0.4	6