

# Jason Belec

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11727872/publications.pdf>

Version: 2024-02-01

9  
papers

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citations

1477746

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1588620

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9  
docs citations

9  
times ranked

262  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applying Modern Virtual and Augmented Reality Technologies to Medical Images and Models. Journal of Digital Imaging, 2019, 32, 38-53.	1.6	168
2	Monte Carlo and analytic modeling of an Elekta Infinity linac with Agility <scp>MLC</scp>: Investigating the significance of accurate model parameters for small radiation fields. Journal of Applied Clinical Medical Physics, 2019, 20, 55-67.	0.8	26
3	Positionâ€probabilityâ€sampled Monte Carlo calculation of VMAT, 3DCRT, stepâ€shoot IMRT, and helical tomotherapy dose distributions using BEAMnrc/DOSXYZnrc. Medical Physics, 2011, 38, 948-960.	1.6	17
4	Experimental verification of 4D Monte Carlo simulations of dose delivery to a moving anatomy. Medical Physics, 2017, 44, 299-310.	1.6	12
5	Dose-sparing effect of deep inspiration breath hold technique on coronary artery and left ventricle segments in treatment of breast cancer. Radiotherapy and Oncology, 2021, 154, 101-109.	0.3	12
6	Can we rely on surgical clips placed during oncoplastic breast surgery to accurately delineate the tumor bed for targeted breast radiotherapy?. Breast Cancer Research and Treatment, 2021, 186, 343-352.	1.1	10
7	Radiological, dosimetric and mechanical properties of a deformable breast phantom for radiation therapy and surgical applications. Biomedical Physics and Engineering Express, 2020, 6, 035028.	0.6	6
8	Dosimetric considerations for moldable silicone composites used in radiotherapy applications. Journal of Applied Clinical Medical Physics, 2022, , e13605.	0.8	1
9	Sci-Sat AM: Radiation Dosimetry and Practical Therapy Solutions - 12: Suitability of plan class specific reference fields for estimating dosimeter correction factors for small clinical CyberKnife fields. Medical Physics, 2016, 43, 4961-4962.	1.6	0