

# Ilias Billas

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2608057/publications.pdf>

Version: 2024-02-01

9  
papers

117  
citations

1683934  
5  
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1588896  
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9  
docs citations

9  
times ranked

117  
citing authors

#	ARTICLE	IF	CITATIONS
1	Reference dosimetry in MRI-linacs: evaluation of available protocols and data to establish a Code of Practice. <i>Physics in Medicine and Biology</i> , 2021, 66, 05TR02.	1.6	33
2	The effect of magnetic field strength on the response of Gafchromic EBT-3 film. <i>Physics in Medicine and Biology</i> , 2019, 64, 06NT03.	1.6	23
3	Investigating the effect of a magnetic field on dose distributions at phantom-air interfaces using PRESAGE <sup>®</sup> 3D dosimeter and Monte Carlo simulations. <i>Physics in Medicine and Biology</i> , 2018, 63, 05NT01.	1.6	21
4	Alanine dosimetry in strong magnetic fields: use as a transfer standard in MRI-guided radiotherapy. <i>Physics in Medicine and Biology</i> , 2020, 65, 115001.	1.6	13
5	Small-cavity chamber dose response in megavoltage photon beams coupled to magnetic fields. <i>Physics in Medicine and Biology</i> , 2020, 65, 245008.	1.6	10
6	Traceable reference dosimetry in MRI guided radiotherapy using alanine: calibration and magnetic field correction factors of ionisation chambers. <i>Physics in Medicine and Biology</i> , 2021, 66, 165006.	1.6	8
7	Monte Carlo calculation of detector perturbation and quality correction factors in a 1.5 T magnetic resonance guided radiation therapy small photon beams. <i>Physics in Medicine and Biology</i> , 2021, 66, 225004.	1.6	7
8	Eigencolor radiochromic film dosimetry. <i>Medical Physics</i> , 2021, 48, 2592-2603.	1.6	2
9	Reply to Comment on "Development of a primary standard for absorbed dose from unsealed radionuclide solutions". <i>Metrologia</i> , 2017, 54, 615-616.	0.6	0