

# Alexander Grimwood

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3644623/publications.pdf>

Version: 2024-02-01

9  
papers

287  
citations

1684188  
5  
h-index

1474206  
9  
g-index

9  
all docs

9  
docs citations

9  
times ranked

445  
citing authors

#	ARTICLE	IF	CITATIONS
1	Real-time intrafraction motion monitoring in external beam radiotherapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 15TR01.	3.0	130
2	Spatially deconvolved optical coherence tomography. <i>Applied Optics</i> , 2010, 49, 2014.	2.1	68
3	InÂVivo Validation of Elekta's Clarity Autoscan for Ultrasound-based Intrafraction Motion Estimation of the Prostate During Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 912-921.	0.8	34
4	Elastographic contrast generation in optical coherence tomography from a localized shear stress. <i>Physics in Medicine and Biology</i> , 2010, 55, 5515-5528.	3.0	21
5	DeepReg: a deep learning toolkit for medical image registration. <i>Journal of Open Source Software</i> , 2020, 5, 2705.	4.6	19
6	Assisted Probe Positioning for Ultrasound Guided Radiotherapy Using Image Sequence Classification. <i>Lecture Notes in Computer Science</i> , 2020, , 544-552.	1.3	5
7	Factors affecting accuracy and precision in ultrasound guided radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 18, 68-77.	2.9	4
8	Multi-Channel Optical Coherence Elastography Using Relative and Absolute Shear-Wave Time of Flight. <i>PLoS ONE</i> , 2017, 12, e0169664.	2.5	4
9	Improving 3D ultrasound prostate localisation in radiotherapy through increased automation of interfraction matching. <i>Radiotherapy and Oncology</i> , 2020, 149, 134-141.	0.6	2