

# Zachary Grelewicz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10730275/publications.pdf>

Version: 2024-02-01

10  
papers

90  
citations

1478505

6  
h-index

1588992

8  
g-index

10  
all docs

10  
docs citations

10  
times ranked

126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial and temporal performance of 3D optical surface imaging for real-time head position tracking. Medical Physics, 2013, 40, 111712.	3.0	33
2	Development of a 6DOF robotic motion phantom for radiation therapy. Medical Physics, 2014, 41, 121704.	3.0	17
3	Combined MV + kV inverse treatment planning for optimal kV dose incorporation in IGRT. Physics in Medicine and Biology, 2014, 59, 1607-1621.	3.0	12
4	Spatial and rotational quality assurance of 6DOF patient tracking systems. Medical Physics, 2016, 43, 2785-2793.	3.0	7
5	Use of proximal operator graph solver for radiation therapy inverse treatment planning. Medical Physics, 2017, 44, 1246-1256.	3.0	7
6	Robotic real-time translational and rotational head motion correction during frameless stereotactic radiosurgery. Medical Physics, 2015, 42, 2757-2763.	3.0	6
7	An EPID based method for performing high accuracy calibration between an optical external marker tracking device and the LINAC reference frame. Medical Physics, 2012, 39, 2771-2779.	3.0	5
8	A feasibility study of using advanced external beam techniques to create a vaginal cuff brachytherapy-like endometrial boost plan. Medical Dosimetry, 2018, 43, 30-38.	0.9	3
9	Use of a laser-guided collimation system to perform direct kilovoltage x-ray spectra measurements on a linear accelerator onboard imager. Medical Physics, 2018, 45, 4869-4876.	3.0	0
10	Quantitative Medical Physics National Job Data Distribution Analysis. Practical Radiation Oncology, 2021, 11, e438-e445.	2.1	0