Eric Vandervoort

List of Publications by Year
in descending order

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20 papers	238 citations	1162367 8 h-index	940134 16 g-index
20 all docs	20 docs citations	20 times ranked	376 citing authors

#	Article	IF	Citations
1	Dorsal Striatal D₂-Like Receptor Availability Covaries with Sensitivity to Positive Reinforcement during Discrimination Learning. Journal of Neuroscience, 2011, 31, 7291-7299.	1.7	81
2	Implementation of an iterative scatter correction, the influence of attenuation map quality and their effect on absolute quantitation in SPECT. Physics in Medicine and Biology, 2007, 52, 1527-1545.	1.6	48
3	Monte Carlo modelling of singles-mode transmission data for small animal PET scanners. Physics in Medicine and Biology, 2007, 52, 3169-3184.	1.6	15
4	An Analytical Scatter Correction for Singles-Mode Transmission Data in PET. IEEE Transactions on Medical Imaging, 2008, 27, 402-412.	5.4	15
5	COMP Report: CPQR technical quality control guidelines for CyberKnifeÂ® Technology. Journal of Applied Clinical Medical Physics, 2018, 19, 29-34.	0.8	10
6	Comparison of four techniques for spine stereotactic body radiotherapy: Dosimetric and efficiency analysis. Journal of Applied Clinical Medical Physics, 2018, 19, 160-167.	0.8	10
7	Geometrical tracking accuracy and appropriate PTV margins for robotic radiosurgery of liver lesions by SBRT. Acta OncolÃ³gica, 2019, 58, 906-915.	0.8	10
8	Can we rely on surgical clips placed during oncoplastic breast surgery to accurately delineate the tumor bedÂfor targeted breast radiotherapy?. Breast Cancer Research and Treatment, 2021, 186, 343-352.	1.1	10
9	Impact of Contamination from Scattered Photons in Singles-Mode Transmission Data on Quantitative Small-Animal PET Imaging. Journal of Nuclear Medicine, 2008, 49, 1852-1861.	2.8	7
10	Evaluation of the 4D <scp>RADPOS</scp> dosimetry system for dose and position quality assurance of CyberKnife. Medical Physics, 2018, 45, 4030-4044.	1.6	7
11	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
12	Feasibility, detectability and clinical experience with platinum fiducial seeds for MRI/CT fusion and real-time tumor tracking during CyberKnife stereotactic ablative radiotherapy. Journal of Radiosurgery and SBRT, 2015, 3, 315-323.	0.2	6
13	Patientâ€specific PTV margins for liver stereotactic body radiation therapy determined using support vector classification with an early warning system for margin adaptation. Medical Physics, 2020, 47, 5172-5182.	1.6	5
14	Reducing errors in prostate tracking with an improved fiducial implantation protocol for CyberKnife based stereotactic body radiotherapy (SBRT). Journal of Radiosurgery and SBRT, 2018, 5, 217-227.	0.2	3
15	An analytical scatter correction for singles-mode transmission data in PET. , 2006, , .		2
16	Geometric inaccuracy and co-registration errors for CT, DynaCT and MRI images used in robotic stereotactic radiosurgery treatment planning. Physica Medica, 2020, 69, 212-222.	0.4	2
17	Dosimetric considerations for moldable silicone composites used in radiotherapy applications. Journal of Applied Clinical Medical Physics, 2022, , e13605.	0.8	1
18	Poster - 49: Assessment of Synchrony respiratory compensation error for CyberKnife liver treatment. Medical Physics, 2016, 43, 4948-4948.	1.6	0

#	Article	IF	Citations
19	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
20	Poster - 11: Radiation barrier thickness calculations for the GammaPod. Medical Physics, 2016, 43, 4938-4938.	1.6	0