

# Eric Ford

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10862664/publications.pdf>

Version: 2024-02-01

16  
papers

2,561  
citations

623734

14  
h-index

996975

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

3433  
citing authors

#	ARTICLE	IF	CITATIONS
1	Differentiation between glioma and radiation necrosis using molecular magnetic resonance imaging of endogenous proteins and peptides. <i>Nature Medicine</i> , 2011, 17, 130-134.	30.7	448
2	Tanycytes of the hypothalamic median eminence form a diet-responsive neurogenic niche. <i>Nature Neuroscience</i> , 2012, 15, 700-702.	14.8	413
3	High-Resolution, Small Animal Radiation Research Platform With X-Ray Tomographic Guidance Capabilities. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 1591-1599.	0.8	314
4	The Etiology of Treatment-related Lymphopenia in Patients with Malignant Gliomas: Modeling Radiation Dose to Circulating Lymphocytes Explains Clinical Observations and Suggests Methods of Modifying the Impact of Radiation on Immune Cells. <i>Cancer Investigation</i> , 2013, 31, 140-144.	1.3	312
5	Respiratory gating for liver tumors: use in dose escalation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 55, 659-668.	0.8	217
6	Fluoroscopic evaluation of diaphragmatic motion reduction with a respiratory gated radiotherapy system. <i>Journal of Applied Clinical Medical Physics</i> , 2001, 2, 191.	1.9	175
7	Lymphocyte-Sparing Effect of Stereotactic Body Radiation Therapy in Patients With Unresectable Pancreatic Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 571-579.	0.8	172
8	Fluoroscopic evaluation of diaphragmatic motion reduction with a respiratory gated radiotherapy system. <i>Journal of Applied Clinical Medical Physics</i> , 2001, 2, 191-200.	1.9	147
9	Sertraline slows disease progression and increases neurogenesis in N171-82Q mouse model of Huntington's disease. <i>Neurobiology of Disease</i> , 2008, 30, 312-322.	4.4	129
10	Respiratory Motion Changes of Lung Tumors Over the Course of Radiation Therapy Based on Respiration-Related Four-Dimensional Computed Tomography Scans. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 1605-1612.	0.8	65
11	Error Detection in Intensity-Modulated Radiation Therapy Quality Assurance Using Radiomic Analysis of Gamma Distributions. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 219-228.	0.8	49
12	Assessment of MRI Parameters as Imaging Biomarkers for Radiation Necrosis in the Rat Brain. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, e431-e436.	0.8	40
13	Evaluation of radiation necrosis and malignant glioma in rat models using diffusion tensor MR imaging. <i>Journal of Neuro-Oncology</i> , 2012, 107, 51-60.	2.9	24
14	Impact of the MLC leafâ€tip model in a commercial TPS: Dose calculation limitations and IROCâ€phantom failures. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 82-88.	1.9	23
15	Small Animal Radiation Research Platform: Imaging, Mechanics, Control and Calibration. , 2007, 10, 926-934.		21
16	Current Instrumentation and Technologies in Modern Radiobiology Researchâ€Opportunities and Challenges. <i>Seminars in Radiation Oncology</i> , 2016, 26, 349-355.	2.2	12