

Eric Ford

List of Publications by Year in descending order

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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 | Impact of the MLC leafâ€tip model in a commercial TPS: Dose calculation limitations and IROCâ€H phantom failures. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 82-88. | 1.9 | 23 |
| 2 | 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 |
| 3 | Current Instrumentation and Technologies in Modern Radiobiology Researchâ€”Opportunities and Challenges. <i>Seminars in Radiation Oncology</i> , 2016, 26, 349-355. | 2.2 | 12 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | Tanycytes of the hypothalamic median eminence form a diet-responsive neurogenic niche. <i>Nature Neuroscience</i> , 2012, 15, 700-702. | 14.8 | 413 |
| 8 | 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 |
| 9 | 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 |
| 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 | 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 |
| 12 | 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 |
| 13 | Small Animal Radiation Research Platform: Imaging, Mechanics, Control and Calibration. , 2007, 10, 926-934. | | 21 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |