

Howard Amols

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

2,522
citations

516561

16
h-index

752573

20
g-index

20
all docs

20
docs citations

20
times ranked

1872
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards multidimensional radiotherapy (MD-CRT): biological imaging and biological conformality. International Journal of Radiation Oncology Biology Physics, 2000, 47, 551-560.	0.4	885
2	Intracoronary irradiation markedly reduces restenosis after balloon angioplasty in a porcine model. Journal of the American College of Cardiology, 1994, 23, 1491-1498.	1.2	304
3	Intravascular brachytherapy physics: Report of the AAPM Radiation Therapy Committee Task Group No. 60. Medical Physics, 1999, 26, 119-152.	1.6	254
4	Intracoronary irradiation markedly reduces neointimal proliferation after balloon angioplasty in swine: Persistent benefit at 6-month follow-up. Journal of the American College of Cardiology, 1995, 25, 1451-1456.	1.2	200
5	Increased risk of lung cancer after breast cancer radiation therapy in cigarette smokers. Cancer, 1994, 73, 1615-1620.	2.0	159
6	Intracoronary irradiation: Dose response for the prevention of restenosis in swine. International Journal of Radiation Oncology Biology Physics, 1996, 36, 767-775.	0.4	140
7	Intensity-modulated radiation therapy (IMRT) for inoperable non-small cell lung cancer: The Memorial Sloan-Kettering Cancer Center (MSKCC) experience. Radiotherapy and Oncology, 2008, 87, 17-23.	0.3	125
8	Motion monitoring for cranial frameless stereotactic radiosurgery using video-based three-dimensional optical surface imaging. Medical Physics, 2011, 38, 3981-3994.	1.6	98
9	Implanted Cardiac Defibrillator Care in Radiation Oncology Patient Population. International Journal of Radiation Oncology Biology Physics, 2009, 73, 1525-1531.	0.4	62
10	Photoneutrons from medical linear accelerators—Radiobiological measurements and risk estimates. International Journal of Radiation Oncology Biology Physics, 1995, 33, 225-230.	0.4	57
11	Comparison of end normal inspiration and expiration for gated intensity modulated radiation therapy (IMRT) of lung cancer. Radiotherapy and Oncology, 2005, 75, 149-156.	0.3	49
12	Migration from full-head mask to "open-face" mask for immobilization of patients with head and neck cancer. Journal of Applied Clinical Medical Physics, 2013, 14, 243-254.	0.8	43
13	Radioactive beta-emitting solution-filled balloon treatment prevents porcine coronary restenosis. Cardiovascular Radiation Medicine, 1999, 1, 252-256.	0.7	30
14	Image-fusion of MR spectroscopic images for treatment planning of gliomas. Medical Physics, 2005, 33, 32-40.	1.6	28
15	Endovascular beta irradiation for prevention of restenosis using solution radioisotopes. Cardiovascular Radiation Medicine, 1999, 1, 86-97.	0.7	27
16	The treatment of large extraskeletal chondrosarcoma of the leg: Comparison of IMRT and conformal radiotherapy techniques. Journal of Applied Clinical Medical Physics, 2001, 2, 3.	0.8	20
17	Photoneutrons from high energy medical linear accelerators: Measurement of the spectrum and dose using a miniature proportional counter. International Journal of Radiation Oncology Biology Physics, 1995, 31, 629-633.	0.4	17
18	The treatment of large extraskeletal chondrosarcoma of the leg: Comparison of IMRT and conformal radiotherapy techniques. Journal of Applied Clinical Medical Physics, 2001, 2, 3-8.	0.8	12

#	ARTICLE	IF	CITATIONS
19	The measurement of three dimensional dose distribution of a ruthenium-106 ophthalmological applicator using magnetic resonance imaging of BANG polymer gels1. Journal of Applied Clinical Medical Physics, 2001, 2, 85-89.	0.8	9
20	The current NRC definitions of therapy misadministration are vague, do not reflect the norms of clinical practice, and should be rewritten. Medical Physics, 2004, 31, 691-694.	1.6	3