

Howard Amols

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20
papers

2,175
citations

16
h-index

20
g-index

20
ext. papers

2,380
ext. citations

2.6
avg, IF

3.83
L-index

#	Paper	IF	Citations
20	Towards multidimensional radiotherapy (MD-CRT): biological imaging and biological conformality. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000 , 47, 551-60	4	743
19	Intracoronary irradiation markedly reduces restenosis after balloon angioplasty in a porcine model. <i>Journal of the American College of Cardiology</i> , 1994 , 23, 1491-8	15.1	275
18	Intravascular brachytherapy physics: report of the AAPM Radiation Therapy Committee Task Group no. 60. American Association of Physicists in Medicine. <i>Medical Physics</i> , 1999 , 26, 119-52	4.4	228
17	Intracoronary irradiation markedly reduces neointimal proliferation after balloon angioplasty in swine: persistent benefit at 6-month follow-up. <i>Journal of the American College of Cardiology</i> , 1995 , 25, 1451-6	15.1	177
16	Increased risk of lung cancer after breast cancer radiation therapy in cigarette smokers. <i>Cancer</i> , 1994 , 73, 1615-20	6.4	134
15	Intracoronary irradiation: dose response for the prevention of restenosis in swine. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996 , 36, 767-75	4	121
14	Intensity-modulated radiation therapy (IMRT) for inoperable non-small cell lung cancer: the Memorial Sloan-Kettering Cancer Center (MSKCC) experience. <i>Radiotherapy and Oncology</i> , 2008 , 87, 17-23	5.3	111
13	Motion monitoring for cranial frameless stereotactic radiosurgery using video-based three-dimensional optical surface imaging. <i>Medical Physics</i> , 2011 , 38, 3981-94	4.4	78
12	Implanted cardiac defibrillator care in radiation oncology patient population. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 73, 1525-31	4	52
11	Photoneutrons from medical linear accelerators--radiobiological measurements and risk estimates. <i>International Journal of Radiation Oncology Biology Physics</i> , 1995 , 33, 225-30	4	51
10	Comparison of end normal inspiration and expiration for gated intensity modulated radiation therapy (IMRT) of lung cancer. <i>Radiotherapy and Oncology</i> , 2005 , 75, 149-56	5.3	45
9	Migration from full-head mask to "open-face" mask for immobilization of patients with head and neck cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2013 , 14, 243-54	2.3	35
8	Radioactive beta-emitting solution-filled balloon treatment prevents porcine coronary restenosis. <i>Cardiovascular Radiation Medicine</i> , 1999 , 1, 252-6		26
7	Image-fusion of MR spectroscopic images for treatment planning of gliomas. <i>Medical Physics</i> , 2006 , 33, 32-40	4.4	25
6	Endovascular beta irradiation for prevention of restenosis using solution radioisotopes: pharmacologic and dosimetric properties of rhenium-188 compounds. <i>Cardiovascular Radiation Medicine</i> , 1999 , 1, 86-97		21
5	The treatment of large extraskeletal chondrosarcoma of the leg: Comparison of IMRT and conformal radiotherapy techniques. <i>Journal of Applied Clinical Medical Physics</i> , 2001 , 2, 3	2.3	18
4	Photoneutrons from high energy medical linear accelerators: measurement of the spectrum and dose using a miniature proportional counter. <i>International Journal of Radiation Oncology Biology Physics</i> , 1995 , 31, 629-33	4	14

3	The treatment of large extraskeletal chondrosarcoma of the leg: comparison of IMRT and conformal radiotherapy techniques. <i>Journal of Applied Clinical Medical Physics</i> , 2001 , 2, 3-8	2.3	10
2	The measurement of three dimensional dose distribution of a ruthenium-106 ophthalmological applicator using magnetic resonance imaging of BANG polymer gels. <i>Journal of Applied Clinical Medical Physics</i> , 2001 , 2, 85-9	2.3	8
1	The current NRC definitions of therapy misadministration are vague, do not reflect the norms of clinical practice, and should be rewritten. For the proposition. <i>Medical Physics</i> , 2004 , 31, 691-3	4.4	3