

# Howard Amols

## List of Publications by Year in Descending Order

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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	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> , <b>2013</b> , 14, 243-54	2.3	35
19	Motion monitoring for cranial frameless stereotactic radiosurgery using video-based three-dimensional optical surface imaging. <i>Medical Physics</i> , <b>2011</b> , 38, 3981-94	4.4	78
18	Implanted cardiac defibrillator care in radiation oncology patient population. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2009</b> , 73, 1525-31	4	52
17	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> , <b>2008</b> , 87, 17-23	5.3	111
16	Image-fusion of MR spectroscopic images for treatment planning of gliomas. <i>Medical Physics</i> , <b>2006</b> , 33, 32-40	4.4	25
15	Comparison of end normal inspiration and expiration for gated intensity modulated radiation therapy (IMRT) of lung cancer. <i>Radiotherapy and Oncology</i> , <b>2005</b> , 75, 149-56	5.3	45
14	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> , <b>2004</b> , 31, 691-3	4.4	3
13	The treatment of large extraskeletal chondrosarcoma of the leg: comparison of IMRT and conformal radiotherapy techniques. <i>Journal of Applied Clinical Medical Physics</i> , <b>2001</b> , 2, 3-8	2.3	10
12	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> , <b>2001</b> , 2, 85-9	2.3	8
11	The treatment of large extraskeletal chondrosarcoma of the leg: Comparison of IMRT and conformal radiotherapy techniques. <i>Journal of Applied Clinical Medical Physics</i> , <b>2001</b> , 2, 3	2.3	18
10	Towards multidimensional radiotherapy (MD-CRT): biological imaging and biological conformality. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2000</b> , 47, 551-60	4	743
9	Endovascular beta irradiation for prevention of restenosis using solution radioisotopes: pharmacologic and dosimetric properties of rhenium-188 compounds. <i>Cardiovascular Radiation Medicine</i> , <b>1999</b> , 1, 86-97		21
8	Radioactive beta-emitting solution-filled balloon treatment prevents porcine coronary restenosis. <i>Cardiovascular Radiation Medicine</i> , <b>1999</b> , 1, 252-6		26
7	Intravascular brachytherapy physics: report of the AAPM Radiation Therapy Committee Task Group no. 60. American Association of Physicists in Medicine. <i>Medical Physics</i> , <b>1999</b> , 26, 119-52	4.4	228
6	Intracoronary irradiation: dose response for the prevention of restenosis in swine. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>1996</b> , 36, 767-75	4	121
5	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> , <b>1995</b> , 31, 629-33	4	14
4	Photoneutrons from medical linear accelerators--radiobiological measurements and risk estimates. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>1995</b> , 33, 225-30	4	51

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| 3 | 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> , <b>1995</b> , 25, 1451-6 | 15.1 | 177 |
| 2 | Increased risk of lung cancer after breast cancer radiation therapy in cigarette smokers. <i>Cancer</i> , <b>1994</b> , 73, 1615-20  | 6.4  | 134 |
| 1 | Intracoronary irradiation markedly reduces restenosis after balloon angioplasty in a porcine model. <i>Journal of the American College of Cardiology</i> , <b>1994</b> , 23, 1491-8  | 15.1 | 275 |