

Andries G Visser

List of Publications by Year in descending order

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49
papers

2,967
citations

218677

26
h-index

206112

48
g-index

49
all docs

49
docs citations

49
times ranked

1826
citing authors

#	ARTICLE	IF	CITATIONS
1	Inclusion of geometrical uncertainties in radiotherapy treatment planning by means of coverage probability. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 43, 905-919.	0.8	651
2	High-precision prostate cancer irradiation by clinical application of an offline patient setup verification procedure, using portal imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 35, 321-332.	0.8	193
3	IMRT boost dose planning on dominant intraprostatic lesions: Gold marker-based three-dimensional fusion of CT with dynamic contrast-enhanced and 1H-spectroscopic MRI. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 65, 291-303.	0.8	168
4	Analysis and reduction of 3D systematic and random setup errors during the simulation and treatment of lung cancer patients with CT-based external beam radiotherapy dose planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 49, 857-868.	0.8	114
5	Dosimetric verification of intensity modulated beams produced with dynamic multileaf collimation using an electronic portal imaging device. <i>Medical Physics</i> , 1999, 26, 2373-2378.	3.0	110
6	Electronic portal image assisted reduction of systematic set-up errors in head and neck irradiation. <i>Radiotherapy and Oncology</i> , 2001, 61, 299-308.	0.6	100
7	Reirradiation of recurrent head and neck cancers: external and/or interstitial radiation therapy. <i>Radiotherapy and Oncology</i> , 1992, 23, 6-15.	0.6	97
8	The effect of an endorectal balloon and off-line correction on the interfraction systematic and random prostate position variations: A comparative study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 61, 278-288.	0.8	95
9	Pulsed dose rate and fractionated high dose rate brachytherapy: Choice of brachytherapy schedules to replace low dose rate treatments. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 34, 497-505.	0.8	93
10	Fractionated high-dose-rate and pulsed-dose-rate brachytherapy: First clinical experience in squamous cell carcinoma of the tonsillar fossa and soft palate. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 38, 497-506.	0.8	91
11	Reduced late rectal mucosal changes after prostate three-dimensional conformal radiotherapy with endorectal balloon as observed in repeated endoscopy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 799-811.	0.8	91
12	Transit dosimetry with an electronic portal imaging device (EPID) for 115 prostate cancer patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 45, 1297-1303.	0.8	81
13	A quality control study of the accuracy of patient positioning in irradiation of pelvic fields. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996, 34, 697-708.	0.8	79
14	In vivo dosimetry for prostate cancer patients using an electronic portal imaging device (EPID); demonstration of internal organ motion. <i>Radiotherapy and Oncology</i> , 1998, 49, 125-132.	0.6	78
15	Bladder filling variation during radiation treatment of prostate cancer: Can the use of a bladder ultrasound scanner and biofeedback optimize bladder filling?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 65, 371-377.	0.8	67
16	On-line set-up corrections during radiotherapy of patients with gynecologic tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 499-506.	0.8	66
17	Rectal wall sparing effect of three different endorectal balloons in 3D conformal and IMRT prostate radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 63, 565-576.	0.8	65
18	Prostate Cancer: Precision of Integrating Functional MR Imaging with Radiation Therapy Treatment by Using Fiducial Gold Markers. <i>Radiology</i> , 2005, 236, 311-317.	7.3	58

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19	Ultrasound-Guided Transrectal Implantation of Gold Markers for Prostate Localization During External Beam Radiotherapy: Complication Rate and Risk Factors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 671-676.	0.8	58
20	An analysis of anatomic landmark mobility and setup deviations in radiotherapy for lung cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999, 43, 827-832.	0.8	56
21	Reduction of irradiated small bowel volume and accurate patient positioning by use of a bellyboard device in pelvic radiotherapy of gynecological cancer patients. <i>Radiotherapy and Oncology</i> , 2001, 59, 87-93.	0.6	55
22	Changes in Prostate Shape and Volume and Their Implications for Radiotherapy After Introduction of Endorectal Balloon as Determined by MRI at 3T. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 1446-1453.	0.8	52
23	Brachytherapy versus cystectomy in solitary bladder cancer: A case control, multicentre, East-Netherlands study. <i>Radiotherapy and Oncology</i> , 2009, 93, 352-357.	0.6	46
24	Set-up improvement in head and neck radiotherapy using a 3D off-line EPID-based correction protocol and a customised head and neck support. <i>Radiotherapy and Oncology</i> , 2003, 68, 137-148.	0.6	45
25	Saving bladders with brachytherapy: implantation technique and results. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 53, 622-629.	0.8	38
26	Multiple two-dimensional versus three-dimensional PTV definition in treatment planning for conformal radiotherapy. <i>Radiotherapy and Oncology</i> , 1998, 47, 297-302.	0.6	27
27	Effectiveness of couch height-based patient set-up and an off-line correction protocol in prostate cancer radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 50, 569-577.	0.8	26
28	Verification of compensator thicknesses using a fluoroscopic electronic portal imaging device. <i>Medical Physics</i> , 1999, 26, 1524-1529.	3.0	23
29	Bath and Shower Effect in Spinal Cord: The Effect of Time Interval. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 514-522.	0.8	23
30	Dose-volume effects in rat thoracolumbar spinal cord: An evaluation of NTCP models. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 60, 578-590.	0.8	22
31	Dose and volume specification for reporting gynaecological brachytherapy: time for a change. <i>Radiotherapy and Oncology</i> , 2001, 58, 1-4.	0.6	20
32	Reconstruction accuracy of a dedicated localiser for filmless planning in intra-operative brachytherapy. <i>Radiotherapy and Oncology</i> , 1997, 44, 73-81.	0.6	19
33	Fast, daily linac verification for segmented IMRT using electronic portal imaging. <i>Radiotherapy and Oncology</i> , 2006, 80, 86-92.	0.6	19
34	The Curie-Da Vinci Connection: 5-Years' Experience With Laparoscopic (Robot-Assisted) Implantation for High-Dose-Rate Brachytherapy of Solitary T2 Bladder Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1439-1442.	0.8	18
35	Dose-Volume Effects in Rat Thoracolumbar Spinal Cord: The Effects of Nonuniform Dose Distribution. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 204-213.	0.8	17
36	Equivalence of hyperfractionated and continuous brachytherapy in a rat tumor model and remarkable effectiveness when preceded by external irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 49, 1351-1360.	0.8	13

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37	Spatial temperature control with a 27 MHz current source interstitial hyperthermia system. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 37, 189-197.	0.8	12
38	A ring capacitor applicator in hyperthermia: energy distributions in a fat-muscle layered model for different ring electrode configurations. <i>International Journal of Radiation Oncology Biology Physics</i> , 1990, 18, 77-85.	0.8	11
39	Temperature measurement errors with thermocouples inside 27 MHz current source interstitial hyperthermia applicators. <i>Physics in Medicine and Biology</i> , 1999, 44, 1499-1511.	3.0	10
40	Clinical implications of incomplete repair parameters for rat spinal cord: the feasibility of large doses per fraction in PDR and HDR brachytherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001, 51, 215-226.	0.8	10
41	Combined treatment with interstitial hyperthermia and interstitial radiotherapy in an animal tumor model. <i>International Journal of Radiation Oncology Biology Physics</i> , 1991, 20, 1281-1286.	0.8	9
42	Tumor hypoxia—a confounding or exploitable factor in interstitial brachytherapy? Effects of tissue trauma in an experimental rat tumor model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 48, 233-240.	0.8	9
43	Dose-effect relation of interstitial low-dose-rate radiation (¹⁹² Ir) in an animal tumor model. <i>International Journal of Radiation Oncology Biology Physics</i> , 1990, 18, 31-36.	0.8	8
44	Off-line setup corrections only marginally reduce the number of on-line corrections for prostate radiotherapy using implanted gold markers. <i>Radiotherapy and Oncology</i> , 2009, 90, 359-366.	0.6	8
45	Optimizing brachytherapy for locally advanced cervical cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 1994, 29, 873-877.	0.8	5
46	Clinical thermometry, using the 27 MHz multi-electrode current-source interstitial hyperthermia system in brain tumours. <i>Radiotherapy and Oncology</i> , 2001, 59, 227-231.	0.6	5
47	Perpetual role of brachytherapy in organ-sparing treatment for bladder cancer: a historical review. <i>Journal of Contemporary Brachytherapy</i> , 2020, 12, 618-628.	0.9	4
48	Interstitial hyperthermia using 27 MHz wire antennas and interstitial photodynamic therapy in a rat rhabdomyosarcoma: Phantom and animal studies. <i>Radiotherapy and Oncology</i> , 1988, 11, 161-168.	0.6	2
49	Reply to the letter to the editor by D. Peiffert, M. Pernot and S. Hoffstetter. <i>Radiotherapy and Oncology</i> , 1992, 25, 148.	0.6	0