

# Mark De Ridder

## 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.

150  
papers

4,507  
citations

35  
h-index

63  
g-index

207  
ext. papers

5,372  
ext. citations

3.1  
avg. IF

5.14  
L-index

#	Paper	IF	Citations
150	Giniß mean difference and the long-term prognostic value of nodal quanta classes after pre-operative chemotherapy in advanced breast cancer.. <i>Scientific Reports</i> , <b>2022</b> , 12, 2983	4.9	
149	Is there utility for fluorine-18-fluorodeoxyglucose positron-emission tomography scan before surgery in breast cancer? A 15-year overall survival analysis.. <i>World Journal of Clinical Oncology</i> , <b>2022</b> , 13, 287-302	2.5	
148	Cardiopulmonary-related patient-reported outcomes in a randomized clinical trial of radiation therapy for breast cancer. <i>BMC Cancer</i> , <b>2021</b> , 21, 1177	4.8	0
147	Transcutaneous Vagal Nerve Stimulation Alone or in Combination With Radiotherapy Stimulates Lung Tumor Infiltrating Lymphocytes But Fails to Suppress Tumor Growth.. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 772555	8.4	
146	Radioresistance of Human Cancers: Clinical Implications of Genetic Expression Signatures. <i>Frontiers in Oncology</i> , <b>2021</b> , 11, 761901	5.3	1
145	Breast cancer preoperative FDG-PET, overall survival prognostic separation compared with the lymph node ratio. <i>Breast Cancer</i> , <b>2021</b> , 28, 956-968	3.4	2
144	Letter to the editor regarding the article "Online adaptive MR-guided radiotherapy for rectal cancer; feasibility of the workflow on a 1.5T MR-linac: Clinical implementation and initial experience" by Intven et al. <i>Radiotherapy and Oncology</i> , <b>2021</b> , 158, 244-245	5.3	
143	Cognition: development of a cognitive testing battery on the iPad for the evaluation of patients with brain Mets. <i>Acta Neurologica Belgica</i> , <b>2021</b> , 1	1.5	
142	Pilot Study to Develop and Test Palliative Care Quality Indicators for Nursing Homes. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	1
141	Fractionated Radiation Severely Reduces the Number of CD8+ T Cells and Mature Antigen Presenting Cells Within Lung Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2021</b> , 111, 272-283	4	6
140	Estimating lung cancer and cardiovascular mortality in female breast cancer patients receiving radiotherapy. <i>Radiotherapy and Oncology</i> , <b>2020</b> , 152, 111-116	5.3	5
139	Health-related quality of life, emotional burden, and neurocognitive function in the first generation of metastatic melanoma survivors treated with pembrolizumab: a longitudinal pilot study. <i>Supportive Care in Cancer</i> , <b>2020</b> , 28, 3267-3278	3.9	11
138	Two-Level Factorial Pre-TomoBreast Pilot Study of Tomotherapy and Conventional Radiotherapy in Breast Cancer: Post Hoc Utility of a Mean Absolute Dose Deviation Penalty Score. <i>Technology in Cancer Research and Treatment</i> , <b>2020</b> , 19, 1533033820947759	2.7	2
137	Neurocognitive Function, Psychosocial Outcome, and Health-Related Quality of Life of the First-Generation Metastatic Melanoma Survivors Treated with Ipilimumab. <i>Journal of Immunology Research</i> , <b>2020</b> , 2020, 2192480	4.5	5
136	Dichloroacetate Radiosensitizes Hypoxic Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , <b>2020</b> , 21,	6.3	5
135	Pulmonary function changes following helical tomotherapy in patients with inoperable, locally advanced non-small cell lung cancer. <i>Strahlentherapie Und Onkologie</i> , <b>2020</b> , 196, 142-150	4.3	2
134	Healthcare utilization at the end of life in people dying from amyotrophic lateral sclerosis: A retrospective cohort study using linked administrative data. <i>Journal of the Neurological Sciences</i> , <b>2019</b> , 406, 116444	3.2	3

133	The METABANK score: A clinical tool to predict survival after stereotactic radiotherapy for oligometastatic disease. <i>Radiotherapy and Oncology</i> , <b>2019</b> , 133, 113-119	5.3	15
132	MRI-based tumor inter-fraction motion statistics for rectal cancer boost radiotherapy. <i>Acta Oncologica</i> , <b>2019</b> , 58, 232-236	3.2	7
131	Hypoxic Radioresistance: Can ROS Be the Key to Overcome It?. <i>Cancers</i> , <b>2019</b> , 11,	6.6	60
130	Perforin and Granzyme B Expressed by Murine Myeloid-Derived Suppressor Cells: A Study on Their Role in Outgrowth of Cancer Cells. <i>Cancers</i> , <b>2019</b> , 11,	6.6	11
129	Piperlongumine increases sensitivity of colorectal cancer cells to radiation: Involvement of ROS production via dual inhibition of glutathione and thioredoxin systems. <i>Cancer Letters</i> , <b>2019</b> , 450, 42-52	9.9	38
128	What Are the Dose-Volume Constraints for Long-Course Radiochemotherapy to Apply for IMRT? <b>2018</b> , 193-197		
127	The long- and short-term variability of breathing induced tumor motion in lung and liver over the course of a radiotherapy treatment. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 126, 339-346	5.3	57
126	Potential of memory T cells in bridging preoperative chemoradiation and immunotherapy in rectal cancer. <i>Radiotherapy and Oncology</i> , <b>2018</b> , 127, 361-369	5.3	3
125	Psychosocial outcome and health-related quality of life (HRQoL) in advanced melanoma survivors.. <i>Journal of Clinical Oncology</i> , <b>2018</b> , 36, 162-162	2.2	3
124	Tumor volume regression during preoperative chemoradiotherapy for rectal cancer: a prospective observational study with weekly MRI. <i>Acta Oncologica</i> , <b>2018</b> , 57, 723-727	3.2	20
123	The feasibility of prostate-specific membrane antigen positron emission tomography(PSMA PET/CT)-guided radiotherapy in oligometastatic prostate cancer patients. <i>Clinical and Translational Oncology</i> , <b>2018</b> , 20, 484-490	3.6	30
122	Immunomodulation of the Tumor Microenvironment: Turn Foe Into Friend. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 2909	8.4	83
121	Antidiabetic Biguanides Radiosensitize Hypoxic Colorectal Cancer Cells Through a Decrease in Oxygen Consumption. <i>Frontiers in Pharmacology</i> , <b>2018</b> , 9, 1073	5.6	18
120	Targeting antioxidant enzymes as a radiosensitizing strategy. <i>Cancer Letters</i> , <b>2018</b> , 438, 154-164	9.9	26
119	Treating patients with Dynamic Wave Arc: First clinical experience. <i>Radiotherapy and Oncology</i> , <b>2017</b> , 122, 347-351	5.3	8
118	Population Pharmacokinetic Approach Applied to Positron Emission Tomography: Computed Tomography for Tumor Tissue Identification in Patients with Glioma. <i>Clinical Pharmacokinetics</i> , <b>2017</b> , 56, 953-961	6.2	1
117	Auranofin radiosensitizes tumor cells through targeting thioredoxin reductase and resulting overproduction of reactive oxygen species. <i>Oncotarget</i> , <b>2017</b> , 8, 35728-35742	3.3	53
116	Prostate-specific membrane antigen (PSMA) PET-CT guided radiotherapy in oligometastatic prostate cancer.. <i>Journal of Clinical Oncology</i> , <b>2017</b> , 35, 213-213	2.2	

115	Evaluation of a dedicated brain metastases treatment planning optimization for radiosurgery: a new treatment paradigm?. <i>Radiation Oncology</i> , <b>2016</b> , 11, 13	4.2	32
114	Initial characterization, dosimetric benchmark and performance validation of Dynamic Wave Arc. <i>Radiation Oncology</i> , <b>2016</b> , 11, 63	4.2	19
113	Quality Assurance of a 50-kV Radiotherapy Unit Using EBT3 GafChromic Film: A Feasibility Study. <i>Technology in Cancer Research and Treatment</i> , <b>2016</b> , 15, 163-70	2.7	12
112	Mild Lung Restriction in Breast Cancer Patients After Hypofractionated and Conventional Radiation Therapy: A 3-Year Follow-Up. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2016</b> , 95, 937-945		8
111	Myeloid-derived suppressor cells reveal radioprotective properties through arginase-induced l-arginine depletion. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 119, 291-9	5.3	14
110	Tangential IMRT versus TomoTherapy with and without breath-hold in left-sided whole breast irradiation. <i>Acta Oncologica</i> , <b>2016</b> , 55, 240-3	3.2	6
109	Signal transducer and activator of transcription 3 in myeloid-derived suppressor cells: an opportunity for cancer therapy. <i>Oncotarget</i> , <b>2016</b> , 7, 42698-42715	3.3	27
108	Health-related quality of life in breast cancer patients prior to and 3 years following adjuvant radiotherapy: Comparison between conventional and short-course, image-guided radiotherapy.. <i>Journal of Clinical Oncology</i> , <b>2016</b> , 34, 247-247	2.2	
107	The cost of cancer care is not related to its outcomes. <i>Ecancermedicalscience</i> , <b>2016</b> , 10, 687	2.7	2
106	Motion management during SBRT for oligometastatic cancer: Results of a prospective phase II trial. <i>Radiotherapy and Oncology</i> , <b>2016</b> , 119, 519-24	5.3	13
105	Stromal contribution to the colorectal cancer transcriptome. <i>Nature Genetics</i> , <b>2015</b> , 47, 312-9	36.3	407
104	Geometric Verification of Dynamic Wave Arc Delivery With the Vero System Using Orthogonal X-ray Fluoroscopic Imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2015</b> , 92, 754-61	4	13
103	Feasibility of markerless tumor tracking by sequential dual-energy fluoroscopy on a clinical tumor tracking system. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 117, 487-90	5.3	16
102	Feasibility of markerless tumor tracking by sequential dual-energy fluoroscopy on a clinical tumor tracking system. <i>IFMBE Proceedings</i> , <b>2015</b> , 591-594	0.2	4
101	Dynamic Lung Tumor Tracking for Stereotactic Ablative Body Radiation Therapy. <i>Journal of Visualized Experiments</i> , <b>2015</b> , e52875	1.6	2
100	Ex vivo generation of myeloid-derived suppressor cells that model the tumor immunosuppressive environment in colorectal cancer. <i>Oncotarget</i> , <b>2015</b> , 6, 12369-82	3.3	46
99	A multi-centre analysis of treatment procedures and error components in dynamic tumour tracking radiotherapy. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 115, 412-8	5.3	5
98	A comparison of two clinical correlation models used for real-time tumor tracking of semi-periodic motion: A focus on geometrical accuracy in lung and liver cancer patients. <i>Radiotherapy and Oncology</i> , <b>2015</b> , 115, 419-24	5.3	22

97	SU-E-J-59: Feasibility of Markerless Tumor Tracking by Sequential Dual-Energy Fluoroscopy On a Clinical Tumor Tracking System. <i>Medical Physics</i> , <b>2015</b> , 42, 3277-3277	4.4	
96	Breast conserving treatment for breast cancer: dosimetric comparison of different non-invasive techniques for additional boost delivery. <i>Radiation Oncology</i> , <b>2014</b> , 9, 36	4.2	16
95	Impact of planning target volume margins and rectal distention on biochemical failure in image-guided radiotherapy of prostate cancer. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 111, 106-9	5.3	23
94	Improving the intra-fraction update efficiency of a correlation model used for internal motion estimation during real-time tumor tracking for SBRT patients: fast update or no update?. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 112, 352-9	5.3	19
93	Treating patients with real-time tumor tracking using the Vero gimbaled linac system: implementation and first review. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 112, 343-51	5.3	84
92	Preoperative intensity-modulated and image-guided radiotherapy with a simultaneous integrated boost in locally advanced rectal cancer: report on late toxicity and outcome. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 110, 155-9	5.3	49
91	Stereotactic radiotherapy for oligometastatic cancer: a prognostic model for survival. <i>Annals of Oncology</i> , <b>2014</b> , 25, 467-71	10.3	65
90	Feasibility of using the Vero SBRT system for intracranial SRS. <i>Journal of Applied Clinical Medical Physics</i> , <b>2014</b> , 15, 4437	2.3	9
89	Breast conserving treatment for breast cancer: dosimetric comparison of sequential versus simultaneous integrated photon boost. <i>BioMed Research International</i> , <b>2014</b> , 2014, 827475	3	16
88	Phase II study of stereotactic body radiotherapy to primary tumor and metastatic locations in oligometastatic nonsmall-cell lung cancer patients. <i>Annals of Oncology</i> , <b>2014</b> , 25, 1954-1959	10.3	104
87	Reply to the letter to the editor <del>Are</del> Are male gender and nonadenocarcinoma histology valid prognostic factors for breast cancer? <del>By</del> Eren et al. <i>Annals of Oncology</i> , <b>2014</b> , 25, 911-912	10.3	
86	Impact of inadequate respiratory motion management in SBRT for oligometastatic colorectal cancer. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 113, 235-9	5.3	35
85	Analysis of the targeting uncertainty of a stereotactic frameless radiosurgery technique for arteriovenous malformation. <i>Radiotherapy and Oncology</i> , <b>2014</b> , 113, 371-3	5.3	2
84	Fiducial marker and marker-less soft-tissue detection using fast MV fluoroscopy on a new generation EPID: investigating the influence of pulsing artifacts and artifact suppression techniques. <i>Medical Physics</i> , <b>2014</b> , 41, 101911	4.4	5
83	Anti-melanoma vaccines engineered to simultaneously modulate cytokine priming and silence PD-L1 characterized using myeloid-derived suppressor cells as a readout of therapeutic efficacy. <i>Oncolmmunology</i> , <b>2014</b> , 3, e945378	7.2	27
82	SU-E-J-198: Evaluation of a Free-Form Intensity-Based Deformable Registration Method Using the POPI Model. <i>Medical Physics</i> , <b>2014</b> , 41, 202-202	4.4	7
81	WE-G-BRF-02: Geometrical Verification of Real-Time Tumor Tracking Using Fast MV Fluoroscopy On a New Generation EPID: Investigating the Influence of Pulsing Artifacts and Artifact Suppression Techniques On Fiducial Marker and Marker-Less Soft-Tissue Detec. <i>Medical Physics</i> , <b>2014</b> , 41, 521-522	4.4	
80	SU-E-J-216: Deformable Dose Mapping Accuracy Using a Novel Framework for User-Intervened Correction of Deformable Registration. <i>Medical Physics</i> , <b>2014</b> , 41, 207-207	4.4	

79	SU-E-T-140: Dynamic Wave Arc Trajectory Verification Using KV X-Ray Fluoroscopy. <i>Medical Physics</i> , <b>2014</b> , 41, 254-255	4.4	
78	A Novel Framework for User-Intervened Correction of Deformable Registration. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2013</b> , 87, S144	4	5
77	Evaluation of the clinical usefulness for using verification images during frameless radiosurgery. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 108, 114-7	5.3	8
76	Hepatocytes determine the hypoxic microenvironment and radiosensitivity of colorectal cancer cells through production of nitric oxide that targets mitochondrial respiration. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2013</b> , 85, 820-7	4	8
75	A randomized hypofractionation dose escalation trial for high risk prostate cancer patients: interim analysis of acute toxicity and quality of life in 124 patients. <i>Radiation Oncology</i> , <b>2013</b> , 8, 206	4.2	42
74	Dosimetric comparison of different treatment modalities for stereotactic radiosurgery of arteriovenous malformations and acoustic neuromas. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 106, 192-7	5.3	54
73	A complementary dual-modality verification for tumor tracking on a gimbaled linac system. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 109, 469-74	5.3	17
72	Initial assessment of tumor tracking with a gimbaled linac system in clinical circumstances: a patient simulation study. <i>Radiotherapy and Oncology</i> , <b>2013</b> , 106, 236-40	5.3	77
71	A Novel Framework for Deformable Registration Evaluation and Quality Assurance. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2013</b> , 87, S719	4	6
70	Hypoxia integration in the serological proteome analysis unmasks tumor antigens and fosters the identification of anti-phospho-eEF2 antibodies as potential cancer biomarkers. <i>PLoS ONE</i> , <b>2013</b> , 8, e76508	3.7	10
69	SU-E-J-79: Characterizing Accuracy in 4DCT Deformable Registration Using the POPI Model. <i>Medical Physics</i> , <b>2013</b> , 40, 168-168	4.4	1
68	SU-E-J-166: Combining Dynamic Wave Arc and Tangential Arc for Breast Boost Irradiation with the Vero System. <i>Medical Physics</i> , <b>2013</b> , 40, 189-189	4.4	
67	TH-A-137-11: First Clinical Experience Treating Patients with the Gimbaled Linac Tumor Tracking of the Vero SBRT System. <i>Medical Physics</i> , <b>2013</b> , 40, 519-519	4.4	0
66	Setup accuracy of the Novalis ExacTrac 6DOF system for frameless radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 82, 1627-35	4	91
65	Clinical evaluation of a robotic 6-degree of freedom treatment couch for frameless radiosurgery. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 83, 467-74	4	83
64	Phase II study of preoperative helical tomotherapy with a simultaneous integrated boost for rectal cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 83, 142-8	4	38
63	Parotid gland sparing with helical tomotherapy in head-and-neck cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2012</b> , 84, 443-8	4	15
62	Small airways function in breast cancer patients before and after radiotherapy. <i>Breast Cancer Research and Treatment</i> , <b>2012</b> , 135, 857-65	4.4	5

61	Radiation necrosis of the brain in melanoma patients successfully treated with ipilimumab, three case studies. <i>European Journal of Cancer</i> , <b>2012</b> , 48, 3045-51	7.5	47
60	Health-related quality of life in survivors of stage I-II breast cancer: randomized trial of post-operative conventional radiotherapy and hypofractionated tomotherapy. <i>BMC Cancer</i> , <b>2012</b> , 12, 495	4.8	31
59	Scapula alata in early breast cancer patients enrolled in a randomized clinical trial of post-surgery short-course image-guided radiotherapy. <i>World Journal of Surgical Oncology</i> , <b>2012</b> , 10, 86	3.4	15
58	Diagnostic and prognostic correlates of preoperative FDG PET for breast cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , <b>2012</b> , 39, 1618-27	8.8	13
57	Implementation of HybridArc treatment technique in preoperative radiotherapy of rectal cancer: dose patterns in target lesions and organs at risk as compared to helical Tomotherapy and RapidArc. <i>Radiation Oncology</i> , <b>2012</b> , 7, 120	4.2	11
56	Phase II study of helical tomotherapy in the multidisciplinary treatment of oligometastatic colorectal cancer. <i>Radiation Oncology</i> , <b>2012</b> , 7, 34	4.2	22
55	Short course radiotherapy with simultaneous integrated boost for stage I-II breast cancer, early toxicities of a randomized clinical trial. <i>Radiation Oncology</i> , <b>2012</b> , 7, 80	4.2	53
54	Early contralateral shoulder-arm morbidity in breast cancer patients enrolled in a randomized trial of post-surgery radiation therapy. <i>Breast Cancer: Basic and Clinical Research</i> , <b>2012</b> , 6, 79-93	2.2	11
53	Current status of intensified neo-adjuvant systemic therapy in locally advanced rectal cancer. <i>Frontiers in Oncology</i> , <b>2012</b> , 2, 47	5.3	5
52	Computer-aided analysis of star shot films for high-accuracy radiation therapy treatment units. <i>Physics in Medicine and Biology</i> , <b>2012</b> , 57, 2997-3011	3.8	32
51	WE-G-213CD-03: A Dual Complementary Verification Method for Dynamic Tumor Tracking on Vero SBRT. <i>Medical Physics</i> , <b>2012</b> , 39, 3971	4.4	2
50	Phase II study of helical tomotherapy in the multidisciplinary treatment of oligometastatic colorectal cancer.. <i>Journal of Clinical Oncology</i> , <b>2012</b> , 30, 653-653	2.2	2
49	Delivering affordable cancer care in high-income countries. <i>Lancet Oncology, The</i> , <b>2011</b> , 12, 933-80	21.7	476
48	Geometric accuracy of a novel gimbals based radiation therapy tumor tracking system. <i>Radiotherapy and Oncology</i> , <b>2011</b> , 98, 365-72	5.3	140
47	Single fraction versus fractionated linac-based stereotactic radiotherapy for vestibular schwannoma: a single-institution experience. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2011</b> , 81, e503-9	4	68
46	Durable remission of inoperable liver metastasis from rectal cancer after hepatic arterial infusion of oxaliplatin and 5-fluorouracil in combination with intravenous cetuximab. <i>Current Oncology</i> , <b>2011</b> , 18, e256-9	2.8	1
45	Prediction of response to neoadjuvant radiotherapy in patients with locally advanced rectal cancer by means of sequential 18FDG-PET. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2011</b> , 80, 91-6	4	16
44	Daily megavoltage computed tomography in lung cancer radiotherapy: correlation between volumetric changes and local outcome. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2011</b> , 80, 1338-42	4	16

43	Prospective, risk-adapted strategy of stereotactic body radiotherapy for early-stage non-small-cell lung cancer: results of a Phase II trial. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2011</b> , 80, 1343-9	4	145
42	Phase II study of helical tomotherapy for oligometastatic colorectal cancer. <i>Annals of Oncology</i> , <b>2011</b> , 22, 362-8	10.3	25
41	SU-E-J-136: Clinical Evaluation of a Robotic 6-Degree of Freedom Treatment Couch for Frameless Radiosurgery. <i>Medical Physics</i> , <b>2011</b> , 38, 3474-3474	4.4	1
40	Phase II study of preoperative helical tomotherapy with a simultaneous integrated boost for rectal cancer.. <i>Journal of Clinical Oncology</i> , <b>2011</b> , 29, 537-537	2.2	
39	SU-E-T-863: Feasibility Study of Using the HybridArc Treatment Technique for Preoperative Irradiation of Rectal Cancer: Comparison of Dose Patterns in Lesion and Organ at Risk with the Tomotherapy. <i>Medical Physics</i> , <b>2011</b> , 38, 3690-3690	4.4	
38	SU-E-T-457: Influence of Changing Magnetron and Injector Current on the Beam Characteristics of a Tomotherapy Hi-Art SYSTEM. <i>Medical Physics</i> , <b>2011</b> , 38, 3594-3594	4.4	
37	SU-E-T-506: Low Dose Fluoroscopy Based Detection of Implanted Marker Position on the VERO System for Real-Time Tumor Tracking. <i>Medical Physics</i> , <b>2011</b> , 38, 3605-3605	4.4	
36	SU-E-J-171: The Possibility of Adaptive Breast Treatment on Tomotherapy Using a Patient-Specific Density Calibration. <i>Medical Physics</i> , <b>2011</b> , 38, 3482-3482	4.4	
35	Selective spleen SPECT/CT. <i>Journal of the Belgian Society of Radiology</i> , <b>2011</b> , 94, 353		
34	SU-E-T-221: An In-House Developed Resettable MOSFET Dosimeter for Radiotherapy. <i>Medical Physics</i> , <b>2011</b> , 38, 3537-3537	4.4	
33	SU-E-J-152: Improving 4D CBCT Image Quality by Using Tumor Trajectory Based Rebinning with Orthogonal Dual Source KV Imaging of the Novel VERO System. <i>Medical Physics</i> , <b>2011</b> , 38, 3478-3478	4.4	
32	SU-E-J-172: The Effect of MVCT Image Quality Parameters on Dose Recalculation for Tomotherapy. <i>Medical Physics</i> , <b>2011</b> , 38, 3483-3483	4.4	
31	SU-E-T-454: Feasibility of Image-Guided Total Marrow Irradiation Using Helical Tomotherapy. <i>Medical Physics</i> , <b>2011</b> , 38, 3593-3593	4.4	
30	Geometric accuracy evaluation of the new VERO stereotactic body radiation therapy system <b>2010</b> ,		5
29	Gating and tracking, 4D in thoracic tumours. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , <b>2010</b> , 14, 446-54	1.3	38
28	Toxicity report of a phase 1/2 dose-escalation study in patients with inoperable, locally advanced nonsmall cell lung cancer with helical tomotherapy and concurrent chemotherapy. <i>Cancer</i> , <b>2010</b> , 116, 241-50	6.4	16
27	An in-house developed resettable MOSFET dosimeter for radiotherapy. <i>Physics in Medicine and Biology</i> , <b>2010</b> , 55, N97-109	3.8	7
26	Toxicity and outcome results of a class solution with moderately hypofractionated radiotherapy in inoperable Stage III non-small cell lung cancer using helical tomotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2010</b> , 77, 1352-9	4	30



25	Volumetric imaging by megavoltage computed tomography for assessment of internal organ motion during radiotherapy for cervical cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2010</b> , 77, 1590-5	4	33
24	Activated macrophages as a novel determinant of tumor cell radioresponse: the role of nitric oxide-mediated inhibition of cellular respiration and oxygen sparing. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2010</b> , 76, 1520-7	4	29
23	WE-C-BRA-06: The VERO System, a Novel IGRT Device for Stereotactic Body Radiation Therapy: Commissioning and First Experience. <i>Medical Physics</i> , <b>2010</b> , 37, 3421-3421	4.4	1
22	Preoperative helical tomotherapy and megavoltage computed tomography for rectal cancer: impact on the irradiated volume of small bowel. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2009</b> , 74, 1476-80	4	52
21	Pseudoprogression after radiotherapy with concurrent temozolomide for high-grade glioma: clinical observations and working recommendations. <i>World Neurosurgery</i> , <b>2009</b> , 72, 423-8		98
20	Volumetric response analysis during chemoradiation as predictive tool for optimizing treatment strategy in locally advanced unresectable NSCLC. <i>Radiotherapy and Oncology</i> , <b>2009</b> , 91, 438-42	5.3	17
19	Impact of the interplay between advances in imaging and radiotherapy on clinical care. <i>Imaging in Medicine</i> , <b>2009</b> , 1, 195-206	1	
18	An overview of volumetric imaging technologies and their quality assurance for IGRT. <i>Acta Oncologica</i> , <b>2008</b> , 47, 1271-8	3.2	39
17	Hypoxic tumor cell radiosensitization through nitric oxide. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2008</b> , 19, 164-9	5	96
16	A (short) history of image-guided radiotherapy. <i>Radiotherapy and Oncology</i> , <b>2008</b> , 86, 4-13	5.3	125
15	Phase II study of preoperative helical tomotherapy for rectal cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2008</b> , 70, 728-34	4	58
14	Assessment of intrafractional movement and internal motion in radiotherapy of rectal cancer using megavoltage computed tomography. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2008</b> , 71, 934-9	4	44
13	IFN-gamma+ CD8+ T lymphocytes: possible link between immune and radiation responses in tumor-relevant hypoxia. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2008</b> , 71, 647-51	4	15
12	Hypoxic tumor cell radiosensitization: role of the iNOS/NO pathway. <i>Bulletin Du Cancer</i> , <b>2008</b> , 95, 282-91	4.4	10
11	Innovations in image-guided radiotherapy. <i>Nature Reviews Cancer</i> , <b>2007</b> , 7, 949-60	31.3	259
10	Prognostic value of histopathology and trends in cervical cancer: a SEER population study. <i>BMC Cancer</i> , <b>2007</b> , 7, 164	4.8	130
9	Prognostic value of the lymph node ratio in node positive colon cancer. <i>Gut</i> , <b>2006</b> , 55, 1681	19.2	58
8	The radiosensitizing effect of immunoadjuvant OM-174 requires cooperation between immune and tumor cells through interferon-gamma and inducible nitric oxide synthase. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2006</b> , 66, 1473-80	4	17

7	Macrophages enhance the radiosensitizing activity of lipid A: a novel role for immune cells in tumor cell radioresponse. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2004</b> , 60, 598-606	4	16
6	Lipid a radiosensitizes hypoxic EMT-6 tumor cells: role of the NF-kappaB signaling pathway. <i>International Journal of Radiation Oncology Biology Physics</i> , <b>2003</b> , 57, 779-86	4	11
5	NF-kappaB inhibition impairs the radioresponse of hypoxic EMT-6 tumour cells through downregulation of inducible nitric oxide synthase. <i>British Journal of Cancer</i> , <b>2003</b> , 88, 120-4	8.7	10
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3	Chronic hypoxia modulates tumour cell radioresponse through cytokine-inducible nitric oxide synthase. <i>British Journal of Cancer</i> , <b>2001</b> , 84, 1122-5	8.7	19
2	Two unusual sites of colon cancer metastases and a rare thyroid lymphoma. Case 1. Metastatic colon cancer to a multinodular goiter. <i>Journal of Clinical Oncology</i> , <b>2001</b> , 19, 3572-4	2.2	11
1	Imaging in radiotherapy. <i>European Journal of Radiology</i> , <b>2000</b> , 36, 41-8	4.7	13