

Mark De Ridder

List of Publications by Year in descending order

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201
papers

5,930
citations

81900

39
h-index

82547

72
g-index

207
all docs

207
docs citations

207
times ranked

8558
citing authors

#	ARTICLE	IF	CITATIONS
1	Gini's mean difference and the long-term prognostic value of nodal quanta classes after pre-operative chemotherapy in advanced breast cancer. <i>Scientific Reports</i> , 2022, 12, 2983.	3.3	0
2	Lung Restriction in Patients With Breast Cancer After Hypofractionated and Conventional Radiation Therapy: A 10-Year Follow-up. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 113, 561-569.	0.8	5
3	Pre-Operative accelerated radiotherapy for early stage breast cancer patients (POPART): A feasibility study. <i>Radiotherapy and Oncology</i> , 2022, 170, 118-121.	0.6	9
4	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> , 2022, 13, 287-302.	2.3	0
5	Pilot Study to Develop and Test Palliative Care Quality Indicators for Nursing Homes. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 829.	2.6	4
6	Breast cancer preoperative 18FDG-PET, overall survival prognostic separation compared with the lymph node ratio. <i>Breast Cancer</i> , 2021, 28, 956-968.	2.9	5
7	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> , 2021, 158, 244-245.	0.6	0
8	Cognition: development of a cognitive testing battery on the iPad for the evaluation of patients with brain Mets. <i>Acta Neurologica Belgica</i> , 2021, , 1.	1.1	0
9	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> , 2021, 111, 272-283.	0.8	16
10	Radioresistance of Human Cancers: Clinical Implications of Genetic Expression Signatures. <i>Frontiers in Oncology</i> , 2021, 11, 761901.	2.8	11
11	Cardiopulmonary-related patient-reported outcomes in a randomized clinical trial of radiation therapy for breast cancer. <i>BMC Cancer</i> , 2021, 21, 1177.	2.6	7
12	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> , 2021, 12, 772555.	4.8	4
13	Pulmonary function changes following helical tomotherapy in patients with inoperable, locally advanced non-small cell lung cancer. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 142-150.	2.0	6
14	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> , 2020, 28, 3267-3278.	2.2	31
15	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> , 2020, 19, 153303382094775.	1.9	5
16	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> , 2020, 2020, 1-11.	2.2	18
17	Dichloroacetate Radiosensitizes Hypoxic Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 9367.	4.1	16
18	Estimating lung cancer and cardiovascular mortality in female breast cancer patients receiving radiotherapy. <i>Radiotherapy and Oncology</i> , 2020, 152, 111-116.	0.6	11

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19	Abstract P2-13-01: Quality of life in survivors of stage I-II breast cancer, 10 years outcome of a randomized clinical trial comparing post-operative hypofractionation with Tomotherapy versus conventional radiation treatment (TomoBreast). , 2020, , .		1
20	Estimating radiotherapy-induced cardiovascular mortality in female breast cancer patients. <i>Annals of Oncology</i> , 2019, 30, v63.	1.2	0
21	EP-2055 Impact of patient-specific MRI distortion correction for stereotactic cranial target definition. <i>Radiotherapy and Oncology</i> , 2019, 133, S1130-S1131.	0.6	0
22	PV-101 Clinical implementation of a dedicated brain treatment planning optimizer for stereotactic treatment. <i>Radiotherapy and Oncology</i> , 2019, 133, S53.	0.6	0
23	PV-0539 Antidiabetic biguanides radiosensitize hypoxic cancer cells through a decrease in oxygen consumption. <i>Radiotherapy and Oncology</i> , 2019, 133, S284.	0.6	0
24	Kv Intrafraction Verification for SBRT Amplitude-Gated Rapidarc Treatments: An Initial Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, E749.	0.8	0
25	EP-2101 Evaluation of the feasibility of performing markerless tracking for lung SBRT patients. <i>Radiotherapy and Oncology</i> , 2019, 133, S1161-S1162.	0.6	0
26	Country-Weighed Estimate of Prostate Cancer Hypofractionated Radiotherapy Toxicity Risk. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, E469.	0.8	0
27	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> , 2019, 406, 116444.	0.6	7
28	The METABANK score: A clinical tool to predict survival after stereotactic radiotherapy for oligometastatic disease. <i>Radiotherapy and Oncology</i> , 2019, 133, 113-119.	0.6	30
29	MRI-based tumor inter-fraction motion statistics for rectal cancer boost radiotherapy. <i>Acta Oncologica</i> , 2019, 58, 232-236.	1.8	14
30	Hypoxic Radioresistance: Can ROS Be the Key to Overcome It?. <i>Cancers</i> , 2019, 11, 112.	3.7	111
31	Perforin and Granzyme B Expressed by Murine Myeloid-Derived Suppressor Cells: A Study on Their Role in Outgrowth of Cancer Cells. <i>Cancers</i> , 2019, 11, 808.	3.7	22
32	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> , 2019, 450, 42-52.	7.2	58
33	What Are the Dose-Volume Constraints for Long-Course Radiochemotherapy to Apply for IMRT?. , 2018, , 193-197.		0
34	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> , 2018, 126, 339-346.	0.6	96
35	Tumor volume regression during preoperative chemoradiotherapy for rectal cancer: a prospective observational study with weekly MRI. <i>Acta Oncologica</i> , 2018, 57, 723-727.	1.8	31
36	The feasibility of prostate-specific membrane antigen positron emission tomography(PSMA) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td <i>Oncology</i> , 2018, 20, 484-490.	2.4	40

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37	The METABANK Score: A Clinical Tool to Predict Survival after Stereotactic Radiation Therapy for Oligometastatic Disease. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, e370.	0.8	0
38	Immunomodulation of the Tumor Microenvironment: Turn Foe Into Friend. <i>Frontiers in Immunology</i> , 2018, 9, 2909.	4.8	183
39	Preoperative Radiation Therapy with a Simultaneous Integrated Boost Compared to Chemoradiotherapy for cT3-4 Rectal Cancer: A Multicentric Randomized Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, S64.	0.8	0
40	Antidiabetic Biguanides Radiosensitize Hypoxic Colorectal Cancer Cells Through a Decrease in Oxygen Consumption. <i>Frontiers in Pharmacology</i> , 2018, 9, 1073.	3.5	29
41	Targeting antioxidant enzymes as a radiosensitizing strategy. <i>Cancer Letters</i> , 2018, 438, 154-164.	7.2	40
42	PO-0913: Evaluation of PlanIQ Quality Algorithm to improve quality of treatment planning for prostate cancer. <i>Radiotherapy and Oncology</i> , 2018, 127, S489-S490.	0.6	0
43	EP-1825: Output factors determination for radiosurgery beams using the novel IBA Razor Nano Chamber. <i>Radiotherapy and Oncology</i> , 2018, 127, S983-S984.	0.6	1
44	EP-2310: Phenformin radiosensitizes hypoxic tumor cells through inhibition of mitochondrial complex. <i>Radiotherapy and Oncology</i> , 2018, 127, S1275.	0.6	0
45	Potential of memory T cells in bridging preoperative chemoradiation and immunotherapy in rectal cancer. <i>Radiotherapy and Oncology</i> , 2018, 127, 361-369.	0.6	4
46	Psychosocial outcome and health-related quality of life (HRQoL) in advanced melanoma survivors.. <i>Journal of Clinical Oncology</i> , 2018, 36, 162-162.	1.6	3
47	Treating patients with Dynamic Wave Arc: First clinical experience. <i>Radiotherapy and Oncology</i> , 2017, 122, 347-351.	0.6	10
48	Population Pharmacokinetic Approach Applied to Positron Emission Tomography: Computed Tomography for Tumor Tissue Identification in Patients with Glioma. <i>Clinical Pharmacokinetics</i> , 2017, 56, 953-961.	3.5	1
49	The Regression of Rectal Tumors During Preoperative Chemoradiation Therapy: A Prospective Study With Weekly MRI. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, E195.	0.8	0
50	PO-0788: First assessment of Delivery Analysis tool for pre-treatment verification on the new Radixact system. <i>Radiotherapy and Oncology</i> , 2017, 123, S418.	0.6	0
51	OC-0484: Variability of breathing-induced tumour motion: 4DCT â€œ a source of misleading information?. <i>Radiotherapy and Oncology</i> , 2017, 123, S256-S257.	0.6	0
52	PO-0677: Vero SBRT for early stage lung cancer: a phase II trial with dynamic tracking in selected lesions. <i>Radiotherapy and Oncology</i> , 2017, 123, S354.	0.6	0
53	Auranofin radiosensitizes tumor cells through targeting thioredoxin reductase and resulting overproduction of reactive oxygen species. <i>Oncotarget</i> , 2017, 8, 35728-35742.	1.8	68
54	Prostate-specific membrane antigen (PSMA) PET-CT guided radiotherapy in oligometastatic prostate cancer.. <i>Journal of Clinical Oncology</i> , 2017, 35, 213-213.	1.6	0

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55	Accurate bolus arrival time estimation using piecewise linear model fitting. Proceedings of SPIE, 2017, ,	0.8	0
56	The cost of cancer care is not related to its outcomes. Ecancermedalscience, 2016, 10, 687.	1.1	4
57	Motion management during SBRT for oligometastatic cancer: Results of a prospective phase II trial. Radiotherapy and Oncology, 2016, 119, 519-524.	0.6	19
58	Breast Respiratory Motion in Free Breathing Assessed by 4-Dimensional Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2016, 96, E58.	0.8	0
59	PV-0323: Prospective evaluation of markerless tumour tracking using 4D3D registration and dual energy imaging. Radiotherapy and Oncology, 2016, 119, S148-S149.	0.6	0
60	OC-0145: Preoperative radiotherapy with an integrated boost compared to chemoradiotherapy for rectal cancer. Radiotherapy and Oncology, 2016, 119, S66.	0.6	1
61	PO-0791: Motion management and Vero dynamic tracking for SBRT in oligometastatic disease: a prospective trial. Radiotherapy and Oncology, 2016, 119, S372.	0.6	0
62	PO-0854: Evaluation of a dedicated brain metastases treatment planning optimization for radiosurgery. Radiotherapy and Oncology, 2016, 119, S407.	0.6	0
63	OC-0466: Dynamic Wave Arc: initial characterisation, dosimetric benchmark and performance validation. Radiotherapy and Oncology, 2016, 119, S220-S221.	0.6	0
64	Evaluation of a dedicated brain metastases treatment planning optimization for radiosurgery: a new treatment paradigm?. Radiation Oncology, 2016, 11, 13.	2.7	50
65	Initial characterization, dosimetric benchmark and performance validation of Dynamic Wave Arc. Radiation Oncology, 2016, 11, 63.	2.7	21
66	Quality Assurance of a 50-kV Radiotherapy Unit Using EBT3 GafChromic Film. Technology in Cancer Research and Treatment, 2016, 15, 163-170.	1.9	13
67	Mild Lung Restriction in Breast Cancer Patients After Hypofractionated and Conventional Radiation Therapy: A 3-Year Follow-Up. International Journal of Radiation Oncology Biology Physics, 2016, 95, 937-945.	0.8	18
68	Myeloid-derived suppressor cells reveal radioprotective properties through arginase-induced l-arginine depletion. Radiotherapy and Oncology, 2016, 119, 291-299.	0.6	26
69	Tangential IMRT versus TomoTherapy with and without breath-hold in left-sided whole breast irradiation. Acta Oncologica, 2016, 55, 240-243.	1.8	8
70	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.. Journal of Clinical Oncology, 2016, 34, 247-247.	1.6	0
71	Preliminary Dosimetric Evaluation of Dynamic Wave Arc for SBRT Treatments. International Journal of Radiation Oncology Biology Physics, 2015, 93, E577.	0.8	0
72	Dynamic Lung Tumor Tracking for Stereotactic Ablative Body Radiation Therapy. Journal of Visualized Experiments, 2015, , e52875.	0.3	2

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73	<i>Ex vivo</i> generation of myeloid-derived suppressor cells that model the tumor immunosuppressive environment in colorectal cancer. <i>Oncotarget</i> , 2015, 6, 12369-12382.	1.8	59
74	A multi-centre analysis of treatment procedures and error components in dynamic tumour tracking radiotherapy. <i>Radiotherapy and Oncology</i> , 2015, 115, 412-418.	0.6	10
75	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> , 2015, 115, 419-424.	0.6	31
76	Advances in radiotherapy delivery for rectal cancer: a European perspective. <i>Expert Review of Gastroenterology and Hepatology</i> , 2015, 9, 393-397.	3.0	4
77	Stromal contribution to the colorectal cancer transcriptome. <i>Nature Genetics</i> , 2015, 47, 312-319.	21.4	520
78	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> , 2015, 92, 754-761.	0.8	14
79	Feasibility of markerless tumor tracking by sequential dual-energy fluoroscopy on a clinical tumor tracking system. <i>Radiotherapy and Oncology</i> , 2015, 117, 487-490.	0.6	22
80	Feasibility of markerless tumor tracking by sequential dual-energy fluoroscopy on a clinical tumor tracking system. <i>IFMBE Proceedings</i> , 2015, , 591-594.	0.3	5
81	Abstract 4760: Stromal contribution to the colorectal cancer transcriptome. , 2015, , .		1
82	Selective spleen SPECT/CT. <i>Journal of the Belgian Society of Radiology</i> , 2015, 94, 353.	0.2	0
83	TUâ€CDâ€304â€03: Dosimetric Verification and Preliminary Comparison of Dynamic Wave Arc for SBRT Treatments. <i>Medical Physics</i> , 2015, 42, 3599-3599.	3.0	0
84	SU-E-J-59: Feasibility of Markerless Tumor Tracking by Sequential Dual-Energy Fluoroscopy On a Clinical Tumor Tracking System. <i>Medical Physics</i> , 2015, 42, 3277-3277.	3.0	0
85	Breast Conserving Treatment for Breast Cancer: Dosimetric Comparison of Sequential versus Simultaneous Integrated Photon Boost. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	22
86	Phase II study of stereotactic body radiotherapy to primary tumor and metastatic locations in oligometastatic non-small-cell lung cancer patients. <i>Annals of Oncology</i> , 2014, 25, 1954-1959.	1.2	152
87	Reply to the letter to the editor "Are male gender and nonadenocarcinoma histology valid prognostic factors for breast cancer?"â€™ by Eren et al.. <i>Annals of Oncology</i> , 2014, 25, 911-912.	1.2	0
88	Impact of inadequate respiratory motion management in SBRT for oligometastatic colorectal cancer. <i>Radiotherapy and Oncology</i> , 2014, 113, 235-239.	0.6	50
89	Analysis of the targeting uncertainty of a stereotactic frameless radiosurgery technique for arteriovenous malformation. <i>Radiotherapy and Oncology</i> , 2014, 113, 371-373.	0.6	3
90	Fiducial marker and markerless 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> , 2014, 41, 101911.	3.0	5

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91	Anti-melanoma vaccines engineered to simultaneously modulate cytokine priming and silence PD-L1 characterized using <i>ex vivo</i> myeloid-derived suppressor cells as a readout of therapeutic efficacy. <i>Oncolmmunology</i> , 2014, 3, e945378.	4.6	37
92	Breast conserving treatment for breast cancer: dosimetric comparison of different non-invasive techniques for additional boost delivery. <i>Radiation Oncology</i> , 2014, 9, 36.	2.7	21
93	Impact of planning target volume margins and rectal distention on biochemical failure in image-guided radiotherapy of prostate cancer. <i>Radiotherapy and Oncology</i> , 2014, 111, 106-109.	0.6	35
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> , 2014, 112, 352-359.	0.6	25
95	Treating patients with real-time tumor tracking using the Vero gimbaled linac system: Implementation and first review. <i>Radiotherapy and Oncology</i> , 2014, 112, 343-351.	0.6	103
96	Investigation of the Optimal Prescription Isodose for Stereotactic Radiosurgery of Vestibular Schwannomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, S893-S894.	0.8	0
97	Impact of Planning Target Volume Margins and Rectal Distention on Biochemical Failure in Image Guided Radiation Therapy of Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, S418.	0.8	0
98	Preoperative Radiotherapy with a Simultaneous Integrated Boost Compared to Chemoradiation therapy for T3-4 Rectal Cancer: Interim Analysis of a Multicentric Randomized Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, S22-S23.	0.8	2
99	Targeting Accuracy of a Stereotactic Frameless Radiosurgery Technique for Arteriovenous Malformation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, S894.	0.8	0
100	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> , 2014, 110, 155-159.	0.6	60
101	Stereotactic radiotherapy for oligometastatic cancer: a prognostic model for survival. <i>Annals of Oncology</i> , 2014, 25, 467-471.	1.2	89
102	Feasibility of using the Vero SBRT system for intracranial SRS. <i>Journal of Applied Clinical Medical Physics</i> , 2014, 15, 90-99.	1.9	12
103	SU-E-J-198: Evaluation of a Free-Form Intensity-Based Deformable Registration Method Using the POPI Model. <i>Medical Physics</i> , 2014, 41, 202-202.	3.0	9
104	Advances in radiotherapy and targeted therapies for rectal cancer. <i>World Journal of Gastroenterology</i> , 2014, 20, 1.	3.3	21
105	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> , 2014, 41, 521-522.	3.0	0
106	SU-E-J-216: Deformable Dose Mapping Accuracy Using a Novel Framework for User-Intervened Correction of Deformable Registration. <i>Medical Physics</i> , 2014, 41, 207-207.	3.0	0
107	SU-E-T-140: Dynamic Wave Arc Trajectory Verification Using KV X-Ray Fluoroscopy. <i>Medical Physics</i> , 2014, 41, 254-255.	3.0	0
108	A Novel Framework for User-Intervened Correction of Deformable Registration. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, S144.	0.8	5

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109	Evaluation of the clinical usefulness for using verification images during frameless radiosurgery. <i>Radiotherapy and Oncology</i> , 2013, 108, 114-117.	0.6	11
110	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> , 2013, 85, 820-827.	0.8	12
111	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> , 2013, 8, 206.	2.7	48
112	Dosimetric comparison of different treatment modalities for stereotactic radiosurgery of arteriovenous malformations and acoustic neuromas. <i>Radiotherapy and Oncology</i> , 2013, 106, 192-197.	0.6	70
113	A complementary dual-modality verification for tumor tracking on a gimbaled linac system. <i>Radiotherapy and Oncology</i> , 2013, 109, 469-474.	0.6	23
114	Initial assessment of tumor tracking with a gimbaled linac system in clinical circumstances: A patient simulation study. <i>Radiotherapy and Oncology</i> , 2013, 106, 236-240.	0.6	92
115	A Novel Framework for Deformable Registration Evaluation and Quality Assurance. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, S719.	0.8	6
116	Phase 2 Study of Hypofractionated Radiation Therapy in the Treatment of Oligometastatic Non-Small Cell Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, S526-S527.	0.8	0
117	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> , 2013, 8, e76508.	2.5	10
118	SU-EJ-167: Characterizing Accuracy in 4DCT Deformable Registration Using the POPM model. <i>Medical Physics</i> , 2013, 40, 168-168.	3.0	2
119	Abstract 4986: Myeloid-derived suppressor cells as a biomarker of tumor growth and radiosensitivity: Role of hypoxia-inducible arginase-1. , 2013, , .		0
120	Abstract 421: Hypoxic radioresistance of tumor cells is sustained by M2 macrophages but can be counteracted by M1 activation resulting in nitric oxide-induced oxygen sparing. , 2013, , .		0
121	SU-EJ-166: Combining Dynamic Wave Arc and Tangential Arc for Breast Boost Irradiation with the Vero System. <i>Medical Physics</i> , 2013, 40, 189-189.	3.0	0
122	TH-A-137-11: First Clinical Experience Treating Patients with the Gimbaled Linac Tumor Tracking of the Vero SBRT System. <i>Medical Physics</i> , 2013, 40, 519-519.	3.0	1
123	WE-A-134-05: Comparison Between a Clinical Protocol and a Fast Automatic Update for Correlation Model Retraining During Gimbaled Tumour Tracking: Impact On Margins and Target Dose Coverage. <i>Medical Physics</i> , 2013, 40, 470-470.	3.0	0
124	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> , 2012, 6, BCBCR.S9362.	1.1	15
125	Current Status of Intensified Neo-Adjuvant Systemic Therapy in Locally Advanced Rectal Cancer. <i>Frontiers in Oncology</i> , 2012, 2, 47.	2.8	5
126	Computer-aided analysis of star shot films for high-accuracy radiation therapy treatment units. <i>Physics in Medicine and Biology</i> , 2012, 57, 2997-3011.	3.0	47

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127	Setup Accuracy of the Novalis ExacTrac 6DOF System for Frameless Radiosurgery. International Journal of Radiation Oncology Biology Physics, 2012, 82, 1627-1635.	0.8	114
128	Clinical Evaluation of a Robotic 6-Degree of Freedom Treatment Couch for Frameless Radiosurgery. International Journal of Radiation Oncology Biology Physics, 2012, 83, 467-474.	0.8	109
129	Phase II Study of Preoperative Helical Tomotherapy With a Simultaneous Integrated Boost for Rectal Cancer. International Journal of Radiation Oncology Biology Physics, 2012, 83, 142-148.	0.8	44
130	Parotid Gland Sparing With Helical Tomotherapy in Head-and-Neck Cancer. International Journal of Radiation Oncology Biology Physics, 2012, 84, 443-448.	0.8	19
131	Small airways function in breast cancer patients before and after radiotherapy. Breast Cancer Research and Treatment, 2012, 135, 857-865.	2.5	9
132	Feasibility of Using the Novel SBRT System for Radiation Therapy and SRS of Intracranial Lesions. International Journal of Radiation Oncology Biology Physics, 2012, 84, S824.	0.8	0
133	Radiation necrosis of the brain in melanoma patients successfully treated with ipilimumab, three case studies. European Journal of Cancer, 2012, 48, 3045-3051.	2.8	51
134	Health-related quality of life in survivors of stage I-II breast cancer: randomized trial of post-operative conventional radiotherapy and hypofractionated tomotherapy. BMC Cancer, 2012, 12, 495.	2.6	38
135	Scapula alata in early breast cancer patients enrolled in a randomized clinical trial of post-surgery short-course image-guided radiotherapy. World Journal of Surgical Oncology, 2012, 10, 86.	1.9	18
136	Diagnostic and prognostic correlates of preoperative FDG PET for breast cancer. European Journal of Nuclear Medicine and Molecular Imaging, 2012, 39, 1618-1627.	6.4	15
137	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. Radiation Oncology, 2012, 7, 120.	2.7	14
138	Phase II study of helical tomotherapy in the multidisciplinary treatment of oligometastatic colorectal cancer. Radiation Oncology, 2012, 7, 34.	2.7	24
139	Short course radiotherapy with simultaneous integrated boost for stage I-II breast cancer, early toxicities of a randomized clinical trial. Radiation Oncology, 2012, 7, 80.	2.7	69
140	WE-G-213CD-03: A Dual Complementary Verification Method for Dynamic Tumor Tracking on Vero SBRT. Medical Physics, 2012, 39, 3971-3971.	3.0	2
141	Phase II study of helical tomotherapy in the multidisciplinary treatment of oligometastatic colorectal cancer.. Journal of Clinical Oncology, 2012, 30, 653-653.	1.6	2
142	Abstract 1474: Hepatocytes either radioprotect or sensitize colorectal cancer cells through nitric oxide-induced oxygen sparing in hypoxic microenvironment. , 2012, , .		0
143	SU-E-J-140: Initial Clinical Assessment of a Gimbaled Linac Tumor Tracking System in a Patient Simulation Study. Medical Physics, 2012, 39, 3684-3685.	3.0	0
144	4011 POSTER Concurrent Chemoradiation in Locally Advanced, Unresectable Non Small-cell Lung Cancer (LA-NSCLC): Comparison of Efficacy and Treatment Tolerance in the Elderly. European Journal of Cancer, 2011, 47, S276.	2.8	0

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145	69 speaker 3D DOSIMETRY SYSTEMS-GELS, EPIDS AND OTHERS. Radiotherapy and Oncology, 2011, 99, S27.	0.6	0
146	210 speaker YET ANOTHER APPROACH TO PURSUE A MOVING TUMOUR: THE GIMBALED LINEAR ACCELERATOR SYSTEM. Radiotherapy and Oncology, 2011, 99, S81-S82.	0.6	0
147	250 oral LOW DOSE FLUOROSCOPY BASED DETECTION OF IMPLANTED MARKER POSITION ON THE VERO SYSTEM FOR REAL-TIME TUMOR TRACKING. Radiotherapy and Oncology, 2011, 99, S98.	0.6	0
148	455 poster FAST 4D CONE-BEAM CT IMAGING USING THE DUAL SOURCE ORTHOGONAL KV SYSTEM OF THE VERO SYSTEM. Radiotherapy and Oncology, 2011, 99, S183.	0.6	0
149	PP 63 Integrating hypoxia and native conditions for immune complex formation in the serological proteome analysis (SERPA) to improve the detection of autoantibodies as cancer biomarkers. European Journal of Cancer, 2011, 47, S18-S19.	2.8	0
150	Delivering affordable cancer care in high-income countries. Lancet Oncology, The, 2011, 12, 933-980.	10.7	571
151	Geometric accuracy of a novel gimbals based radiation therapy tumor tracking system. Radiotherapy and Oncology, 2011, 98, 365-372.	0.6	164
152	Single Fraction Versus Fractionated Linac-Based Stereotactic Radiotherapy for Vestibular Schwannoma: A Single-Institution Experience. International Journal of Radiation Oncology Biology Physics, 2011, 81, e503-e509.	0.8	86
153	Durable Remission of Inoperable Liver Metastasis from Rectal Cancer after Hepatic Arterial Infusion of Oxaliplatin and 5-Fluorouracil in Combination with Intravenous Cetuximab. Current Oncology, 2011, 18, 256-259.	2.2	1
154	Prediction of Response to Neoadjuvant Radiotherapy in Patients With Locally Advanced Rectal Cancer by Means of Sequential 18FDG-PET. International Journal of Radiation Oncology Biology Physics, 2011, 80, 91-96.	0.8	22
155	Daily Megavoltage Computed Tomography in Lung Cancer Radiotherapy: Correlation Between Volumetric Changes and Local Outcome. International Journal of Radiation Oncology Biology Physics, 2011, 80, 1338-1342.	0.8	18
156	Prospective, Risk-Adapted Strategy of Stereotactic Body Radiotherapy for Early-Stage Non-Small-Cell Lung Cancer: Results of a Phase II Trial. International Journal of Radiation Oncology Biology Physics, 2011, 80, 1343-1349.	0.8	176
157	Phase II study of helical tomotherapy for oligometastatic colorectal cancer. Annals of Oncology, 2011, 22, 362-368.	1.2	27
158	SU-E-J-136: Clinical Evaluation of a Robotic 6-Degree of Freedom Treatment Couch for Frameless Radiosurgery. Medical Physics, 2011, 38, 3474-3474.	3.0	1
159	Phase II study of preoperative helical tomotherapy with a simultaneous integrated boost for rectal cancer.. Journal of Clinical Oncology, 2011, 29, 537-537.	1.6	0
160	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. Medical Physics, 2011, 38, 3690-3690.	3.0	0
161	SU-E-T-457: Influence of Changing Magnetron and Injector Current on the Beam Characteristics of a Tomotherapy Hi-Art SYSTEM. Medical Physics, 2011, 38, 3594-3594.	3.0	0
162	SU-E-T-506: Low Dose Fluoroscopy Based Detection of Implanted Marker Position on the VERO System for Real-Time Tumor Tracking. Medical Physics, 2011, 38, 3605-3605.	3.0	1

#	ARTICLE	IF	CITATIONS
163	SU-E-J-171: The Possibility of Adaptive Breast Treatment on Tomotherapy Using a Patient-Specific Density Calibration. Medical Physics, 2011, 38, 3482-3482.	3.0	0
164	SU-E-T-221: An In-House Developed Resettable MOSFET Dosimeter for Radiotherapy. Medical Physics, 2011, 38, 3537-3537.	3.0	0
165	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. Medical Physics, 2011, 38, 3478-3478.	3.0	0
166	SU-E-J-172: The Effect of MVCT Image Quality Parameters on Dose Recalculation for Tomotherapy. Medical Physics, 2011, 38, 3483-3483.	3.0	0
167	SU-E-T-454: Feasibility of Image-Guided Total Marrow Irradiation Using Helical Tomotherapy. Medical Physics, 2011, 38, 3593-3593.	3.0	0
168	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. Cancer, 2010, 116, 241-250.	4.1	20
169	An in-house developed resettable MOSFET dosimeter for radiotherapy. Physics in Medicine and Biology, 2010, 55, N97-N109.	3.0	8
170	Toxicity and Outcome Results of a Class Solution With Moderately Hypofractionated Radiotherapy in Inoperable Stage III Non-Small Cell Lung Cancer Using Helical Tomotherapy. International Journal of Radiation Oncology Biology Physics, 2010, 77, 1352-1359.	0.8	35
171	Volumetric Imaging by Megavoltage Computed Tomography for Assessment of Internal Organ Motion During Radiotherapy for Cervical Cancer. International Journal of Radiation Oncology Biology Physics, 2010, 77, 1590-1595.	0.8	47
172	Activated Macrophages as a Novel Determinant of Tumor Cell Radioresponse: The Role of Nitric Oxide-Mediated Inhibition of Cellular Respiration and Oxygen Sparing. International Journal of Radiation Oncology Biology Physics, 2010, 76, 1520-1527.	0.8	33
173	Geometric accuracy evaluation of the new VERO stereotactic body radiation therapy system. , 2010, , .		7
174	Gating and tracking, 4D in thoracic tumours. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2010, 14, 446-454.	1.4	51
175	WE-C-BRA-06: The VERO System, a Novel IGRT Device for Stereotactic Body Radiation Therapy: Commissioning and First Experience. Medical Physics, 2010, 37, 3421-3421.	3.0	1
176	Phase II study of preoperative helical tomotherapy with a simultaneous integrated boost for rectal cancer.. Journal of Clinical Oncology, 2010, 28, e14014-e14014.	1.6	0
177	SU-E-T-13: Geometric Accuracy of Real-Time Tumor Tracking with the Gimbaled Linac System of the Novel VERO SBRT System. Medical Physics, 2010, 37, 3147-3147.	3.0	0
178	Preoperative Helical Tomotherapy and Megavoltage Computed Tomography for Rectal Cancer: Impact on the Irradiated Volume of Small Bowel. International Journal of Radiation Oncology Biology Physics, 2009, 74, 1476-1480.	0.8	63
179	Pseudoprogression after radiotherapy with concurrent temozolomide for high-grade glioma: clinical observations and working recommendations. World Neurosurgery, 2009, 72, 423-428.	1.3	115
180	Volumetric response analysis during chemoradiation as predictive tool for optimizing treatment strategy in locally advanced unresectable NSCLC. Radiotherapy and Oncology, 2009, 91, 438-442.	0.6	20

#	ARTICLE	IF	CITATIONS
181	VOLUMETRIC IMAGING FOR CERVICAL CANCER. <i>Radiotherapy and Oncology</i> , 2009, 92, S184.	0.6	1
182	Impact of the interplay between advances in imaging and radiotherapy on clinical care. <i>Imaging in Medicine</i> , 2009, 1, 195-206.	0.0	0
183	Phase II Study of Preoperative Helical Tomotherapy for Rectal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 70, 728-734.	0.8	65
184	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> , 2008, 71, 934-939.	0.8	55
185	IFN- γ + CD8+ T Lymphocytes: Possible Link Between Immune and Radiation Responses in Tumor-Relevant Hypoxia. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008, 71, 647-651.	0.8	17
186	An overview of volumetric imaging technologies and their quality assurance for IGRT. <i>Acta Oncologica</i> , 2008, 47, 1271-1278.	1.8	49
187	Hypoxic tumor cell radiosensitization through nitric oxide. <i>Nitric Oxide - Biology and Chemistry</i> , 2008, 19, 164-169.	2.7	104
188	A (short) history of image-guided radiotherapy. <i>Radiotherapy and Oncology</i> , 2008, 86, 4-13.	0.6	155
189	Hypoxic tumor cell radiosensitization: role of the iNOS/NO pathway. <i>Bulletin Du Cancer</i> , 2008, 95, 282-91.	1.6	11
190	Innovations in image-guided radiotherapy. <i>Nature Reviews Cancer</i> , 2007, 7, 949-960.	28.4	317
191	Prognostic value of histopathology and trends in cervical cancer: a SEER population study. <i>BMC Cancer</i> , 2007, 7, 164.	2.6	168
192	Prognostic value of the lymph node ratio in node positive colon cancer. <i>Gut</i> , 2006, 55, 1681-1681.	12.1	72
193	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> , 2006, 66, 1473-1480.	0.8	20
194	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> , 2004, 60, 598-606.	0.8	17
195	Lipid a radiosensitizes hypoxic EMT-6 tumor cells: role of the NF- κ B signaling pathway. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 57, 779-786.	0.8	11
196	NF- κ B inhibition impairs the radioresponse of hypoxic EMT-6 tumour cells through downregulation of inducible nitric oxide synthase. <i>British Journal of Cancer</i> , 2003, 88, 120-124.	6.4	10
197	Metastases to the thyroid gland—a report of six cases. <i>European Journal of Internal Medicine</i> , 2003, 14, 377-379.	2.2	43
198	Chronic hypoxia modulates tumour cell radioresponse through cytokine-inducible nitric oxide synthase. <i>British Journal of Cancer</i> , 2001, 84, 1122-1125.	6.4	20

#	ARTICLE	IF	CITATIONS
199	Two Unusual Sites of Colon Cancer Metastases and a Rare Thyroid Lymphoma. <i>Journal of Clinical Oncology</i> , 2001, 19, 3572-3574.	1.6	13
200	Imaging in radiotherapy. <i>European Journal of Radiology</i> , 2000, 36, 41-48.	2.6	16
201	Signal transducer and activator of transcription 3 in myeloid-derived suppressor cells: an opportunity for cancer therapy. <i>Oncotarget</i> , 0, 7, 42698-42715.	1.8	34