

Michael F Milosevic

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.

202
papers

9,431
citations

53
h-index

91
g-index

209
ext. papers

10,888
ext. citations

4.7
avg, IF

5.68
L-index

#	Paper	IF	Citations
202	Striving to Fill in Gaps between Clinical Practice and Standards: The Evolution of a Pan-Canadian Approach to Patient-Reported Outcomes Use. <i>Current Oncology</i> , 2022 , 29, 3698-3707	2.8	0
201	Impact of PET scanner non-linearity on the estimation of hypoxic fraction in cervical cancer patients. <i>Physica Medica</i> , 2021 , 93, 1-7	2.7	1
200	Incorporating cross-voxel exchange into the analysis of dynamic contrast-enhanced imaging data: theory, simulations and experimental results. <i>Physics in Medicine and Biology</i> , 2021 , 66,	3.8	1
199	The Oral CXCR4 Inhibitor X4-136 Improves Tumor Control and Reduces Toxicity in Cervical Cancer Treated With Radiation Therapy and Concurrent Chemotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 110, 1317-1324	4	2
198	A Cost-Utility Analysis of Magnetic Resonance (MR) Guided Brachytherapy Versus Two-Dimensional and Computed Tomography (CT) Guided Brachytherapy for Locally Advanced Cervical Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020 , 107, 512-521	4	4
197	More than learning technical skills: The importance of mentorship and coaching during a brachytherapy fellowship. <i>Brachytherapy</i> , 2020 , 19, 758-761	2.4	1
196	Effect of the oral CXCR4 inhibitor X4-136 on tumor control and side effects in cervical cancer treated with radiotherapy and concurrent chemotherapy.. <i>Journal of Clinical Oncology</i> , 2020 , 38, e18010 ^{2,2} e18010		
195	Definitive radiotherapy with image-guided adaptive brachytherapy for primary vaginal cancer. <i>Lancet Oncology</i> , 2020 , 21, e157-e167	21.7	19
194	Long-term patient-reported distress in locally advanced cervical cancer patients treated with definitive chemoradiation. <i>Clinical and Translational Radiation Oncology</i> , 2020 , 23, 1-8	4.6	3
193	National Trends and Dynamic Responses in the Canadian Radiation Oncology Workforce From 1990 to 2018. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 105, 31-41	4	3
192	Scale-up of radiotherapy for cervical cancer in the era of human papillomavirus vaccination in low-income and middle-income countries: a model-based analysis of need and economic impact. <i>Lancet Oncology</i> , 2019 , 20, 915-923	21.7	21
191	Repeatability and reproducibility of MRI-based radiomic features in cervical cancer. <i>Radiotherapy and Oncology</i> , 2019 , 135, 107-114	5.3	68
190	Targeting CXCL12/CXCR4 and myeloid cells to improve the therapeutic ratio in patient-derived cervical cancer models treated with radio-chemotherapy. <i>British Journal of Cancer</i> , 2019 , 121, 249-256	8.7	16
189	Intratumoral heterogeneity and hypoxia gene expression signatures: Is a single biopsy adequate?. <i>Clinical and Translational Radiation Oncology</i> , 2019 , 19, 110-115	4.6	7
188	Vulnerabilities of radiomic signature development: The need for safeguards. <i>Radiotherapy and Oncology</i> , 2019 , 130, 2-9	5.3	137
187	Patient-reported sexual adjustment after definitive chemoradiation and MR-guided brachytherapy for cervical cancer. <i>Brachytherapy</i> , 2019 , 18, 133-140	2.4	4
186	Quality in cancer care: Lessons from the Canadian partnership for quality radiotherapy. <i>Healthcare Management Forum</i> , 2018 , 31, 18-21	1.7	3

185	Combining precision radiotherapy with molecular targeting and immunomodulatory agents: a guideline by the American Society for Radiation Oncology. <i>Lancet Oncology, The</i> , 2018 , 19, e240-e251	21.7	66
184	Targeting the CXCL12/CXCR4 pathway and myeloid cells to improve radiation treatment of locally advanced cervical cancer. <i>International Journal of Cancer</i> , 2018 , 143, 1017-1028	7.5	24
183	Comparison of dosimetric parameters derived from whole organ and wall contours for bladder and rectum in cervical cancer patients treated with intracavitary and interstitial brachytherapy. <i>Radiotherapy and Oncology</i> , 2018 , 127, 456-459	5.3	
182	Measurement of Tumor Hypoxia in Patients With Locally Advanced Cervical Cancer Using Positron Emission Tomography with F-Fluoroazomyin Arabinoside. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 102, 1202-1209	4	9
181	Technique adaptation, strategic replanning, and team learning during implementation of MR-guided brachytherapy for cervical cancer. <i>Brachytherapy</i> , 2018 , 17, 86-93	2.4	4
180	Radiation and Heat Improve the Delivery and Efficacy of Nanotherapeutics by Modulating Intratumoral Fluid Dynamics. <i>ACS Nano</i> , 2018 , 12, 7583-7600	16.7	42
179	Brachytherapy patient safety events in an academic radiation medicine program. <i>Brachytherapy</i> , 2018 , 17, 16-23	2.4	5
178	Circulating Human Papillomavirus DNA as a Biomarker of Response in Patients With Locally Advanced Cervical Cancer Treated With Definitive Chemoradiation.. <i>JCO Precision Oncology</i> , 2018 , 2, 1-8	3.6	5
177	Improving patient outcomes and radiotherapy systems: A pan-Canadian approach to patient-reported outcome use. <i>Medical Physics</i> , 2018 , 45, e841-e844	4.4	3
176	Moving toward uniform and evidence-based practice of radiotherapy for management of cervical cancer in Ontario, Canada. <i>Brachytherapy</i> , 2018 , 17, 660-666	2.4	2
175	Radiation effects on the tumor microenvironment: Implications for nanomedicine delivery. <i>Advanced Drug Delivery Reviews</i> , 2017 , 109, 119-130	18.5	94
174	A final report of a phase I study of veliparib (ABT-888) in combination with low-dose fractionated whole abdominal radiation therapy (LDFWAR) in patients with advanced solid malignancies and peritoneal carcinomatosis with a dose escalation in ovarian and fallopian tube cancers. <i>Gynecologic Oncology</i> , 2017 , 144, 181-189	4.9	36
173	The Practice of Radiation Oncology in Canada. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 97, 876-880	4	9
172	Genomic biomarkers for precision radiation medicine. <i>Lancet Oncology, The</i> , 2017 , 18, e238	21.7	5
171	Metabolic targeting of HIF-dependent glycolysis reduces lactate, increases oxygen consumption and enhances response to high-dose single-fraction radiotherapy in hypoxic solid tumors. <i>BMC Cancer</i> , 2017 , 17, 418	4.8	29
170	Neutrophil-lymphocyte ratio dynamics during concurrent chemo-radiotherapy for glioblastoma is an independent predictor for overall survival. <i>Journal of Neuro-Oncology</i> , 2017 , 132, 463-471	4.8	52
169	The predictive value of nadir neutrophil count during treatment of cervical cancer: Interactions with tumor hypoxia and interstitial fluid pressure (IFP). <i>Clinical and Translational Radiation Oncology</i> , 2017 , 6, 15-20	4.6	10
168	Impact of tissue transport on PET hypoxia quantification in pancreatic tumours. <i>EJNMMI Research</i> , 2017 , 7, 101	3.6	4

167	Propensity Score Analysis of Radical Cystectomy Versus Bladder-Sparing Trimodal Therapy in the Setting of a Multidisciplinary Bladder Cancer Clinic. <i>Journal of Clinical Oncology</i> , 2017 , 35, 2299-2305	2.2	153
166	Tumor microenvironment determines response to a heat-activated thermosensitive liposome formulation of cisplatin in cervical carcinoma. <i>Journal of Controlled Release</i> , 2017 , 262, 182-191	11.7	10
165	Intermediate dose-volume parameters and the development of late rectal toxicity after MRI-guided brachytherapy for locally advanced cervix cancer. <i>Brachytherapy</i> , 2017 , 16, 968-975.e2	2.4	4
164	Phase I dose escalation study of concurrent palliative radiation therapy with sorafenib in three anatomical cohorts (Thorax, Abdomen, Pelvis): The TAP study. <i>Radiotherapy and Oncology</i> , 2017 , 124, 74-79	5.3	3
163	Plerixafor Improves Primary Tumor Response and Reduces Metastases in Cervical Cancer Treated with Radio-Chemotherapy. <i>Clinical Cancer Research</i> , 2017 , 23, 1242-1249	12.9	39
162	Directly Improving the Quality of Radiation Treatment Through Peer Review: A Cross-sectional Analysis of Cancer Centers Across a Provincial Cancer Program. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 98, 521-529	4	13
161	Hedgehog inhibition enhances efficacy of radiation and cisplatin in orthotopic cervical cancer xenografts. <i>British Journal of Cancer</i> , 2017 , 116, 50-57	8.7	14
160	A prospective study of DWI, DCE-MRI and FDG PET imaging for target delineation in brachytherapy for cervical cancer. <i>Radiotherapy and Oncology</i> , 2016 , 120, 519-525	5.3	25
159	Quantifying hypoxia in human cancers using static PET imaging. <i>Physics in Medicine and Biology</i> , 2016 , 61, 7957-7974	3.8	9
158	Canadian Partnership for Quality Radiotherapy (CPQR) and the Canadian Organization of Medical Physicists (COMP) - Driving safety and quality assurance practice in Canada through the development of technical quality control guidelines. <i>Journal of Applied Clinical Medical Physics</i> , 2016 , 17, 518-519	2.3	2
157	PMH 9907: Long-term outcomes of a randomized phase 3 study of short-term bicalutamide hormone therapy and dose-escalated external-beam radiation therapy for localized prostate cancer. <i>Cancer</i> , 2016 , 122, 2595-603	6.4	6
156	Sorafenib Increases Tumor Hypoxia in Cervical Cancer Patients Treated With Radiation Therapy: Results of a Phase 1 Clinical Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 94, 111-117	4	21
155	MR-guided brachytherapy for cervical cancer: Quantifying process waste and identifying opportunities for system performance improvement. <i>Practical Radiation Oncology</i> , 2016 , 6, 233-240	2.8	6
154	Measurement of Tumor Hypoxia in Patients with Advanced Pancreatic Cancer Based on 18F-Fluoroazomyin Arabinoside Uptake. <i>Journal of Nuclear Medicine</i> , 2016 , 57, 361-6	8.9	36
153	Automated Delineation of the Normal Urinary Bladder on Planning CT and Cone Beam CT. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2016 , 47, 21-29	1.4	4
152	Radiation therapy quality-of-care indicators for locally advanced cervical cancer: A consensus guideline. <i>Practical Radiation Oncology</i> , 2016 , 6, 315-323	2.8	8
151	Association between Metformin Use and Mortality after Cervical Cancer in Older Women with Diabetes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016 , 25, 507-12	4	21
150	Association of Apparent Diffusion Coefficient with Disease Recurrence in Patients with Locally Advanced Cervical Cancer Treated with Radical Chemotherapy and Radiation Therapy. <i>Radiology</i> , 2016 , 279, 158-66	20.5	42

149	The Utility of Serum CA9 for Prognostication in Prostate Cancer. <i>Anticancer Research</i> , 2016 , 36, 4489-92	2.3	12
148	The initiation of a multidisciplinary bladder cancer clinic and the uptake of neoadjuvant chemotherapy: A time-series analysis. <i>Canadian Urological Association Journal</i> , 2016 , 10, 25-30	1.2	15
147	Planned versus Delivered Pbladder dose reconstructed using solid and hollow organ models during prostate cancer IMRT. <i>Radiotherapy and Oncology</i> , 2016 , 119, 417-22	5.3	4
146	The Canadian National System for Incident Reporting in Radiation Treatment (NSIR-RT) Taxonomy. <i>Practical Radiation Oncology</i> , 2016 , 6, 334-341	2.8	13
145	The clinical significance of hypoxia in human cancers. <i>Seminars in Nuclear Medicine</i> , 2015 , 45, 110-21	5.4	133
144	The intra-tumoral relationship between microcirculation, interstitial fluid pressure and liposome accumulation. <i>Journal of Controlled Release</i> , 2015 , 211, 163-70	11.7	52
143	Chromosomal instability as a prognostic marker in cervical cancer. <i>BMC Cancer</i> , 2015 , 15, 361	4.8	12
142	Hypoxia and Predicting Radiation Response. <i>Seminars in Radiation Oncology</i> , 2015 , 25, 260-72	5.5	54
141	Quantitative Imaging in Radiation Oncology: An Emerging Science and Clinical Service. <i>Seminars in Radiation Oncology</i> , 2015 , 25, 292-304	5.5	15
140	Expanding global access to radiotherapy. <i>Lancet Oncology, The</i> , 2015 , 16, 1153-86	21.7	457
139	Delineating the inner bladder surface using uniform contractions from the outer surface under variable bladder filling conditions. <i>British Journal of Radiology</i> , 2015 , 88, 20140818	3.4	2
138	Prognostic value of pretreatment circulating neutrophils, monocytes, and lymphocytes in oropharyngeal cancer stratified by human papillomavirus status. <i>Cancer</i> , 2015 , 121, 545-55	6.4	109
137	MR-guided prostate biopsy for planning of focal salvage after radiation therapy. <i>Radiology</i> , 2015 , 274, 181-91	20.5	34
136	Developing a prognostic micro-RNA signature for human cervical carcinoma. <i>PLoS ONE</i> , 2015 , 10, e0123946	3.7	24
135	Oncology scan--the role of personalized medicine in gynecologic cancers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 89, 947-9	4	4
134	Gut microbial metabolism drives transformation of MSH2-deficient colon epithelial cells. <i>Cell</i> , 2014 , 158, 288-299	56.2	283
133	Dosimetrically triggered adaptive intensity modulated radiation therapy for cervical cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 90, 147-54	4	26
132	Deriving patient-specific planning target volume for partial bladder image guided radiation therapy. <i>Practical Radiation Oncology</i> , 2014 , 4, 323-329	2.8	5

131	Hybrid adaptive radiotherapy with on-line MRI in cervix cancer IMRT. <i>Radiotherapy and Oncology</i> , 2014 , 110, 323-8	5.3	36
130	A facility for magnetic resonance-guided radiation therapy. <i>Seminars in Radiation Oncology</i> , 2014 , 24, 193-5	5.5	57
129	The Effect of Dose Grid Resolution on Dose Volume Histograms for Slender Organs at Risk during Pelvic Intensity-modulated Radiotherapy. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2014 , 45, 204-209	1.4	5
128	Tumour genomic and microenvironmental heterogeneity for integrated prediction of 5-year biochemical recurrence of prostate cancer: a retrospective cohort study. <i>Lancet Oncology</i> , 2014 , 15, 1521-1532	21.7	218
127	High tumor interstitial fluid pressure identifies cervical cancer patients with improved survival from radiotherapy plus cisplatin versus radiotherapy alone. <i>International Journal of Cancer</i> , 2014 , 135, 1692-9	7.5	23
126	Quality standards in radiation medicine. <i>Practical Radiation Oncology</i> , 2014 , 4, 208-14	2.8	8
125	In reply to Smith and Eifel. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014 , 88, 460-1	4	5
124	Hedgehog signalling in primary cervix xenograft (OCICx) models: A potential new therapeutic target in combination with chemoradiotherapy.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 11120-11120	2.2	1
123	NBN gain is predictive for adverse outcome following image-guided radiotherapy for localized prostate cancer. <i>Oncotarget</i> , 2014 , 5, 11081-90	3.3	25
122	The CXCL12/CXCR4 pathway, bone marrow-derived myeloid cells, and survival in locally advanced cervical cancer.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 11122-11122	2.2	
121	Concurrent cisplatin and radiotherapy: Decision making, tolerability, and outcomes for patients treated in a multidisciplinary bladder clinic.. <i>Journal of Clinical Oncology</i> , 2014 , 32, 320-320	2.2	1
120	Using NBN to predict biochemical relapse following image-guided radiotherapy (IGRT) for intermediate-risk prostate cancer (IR-PCa).. <i>Journal of Clinical Oncology</i> , 2014 , 32, 26-26	2.2	
119	Postoperative radiotherapy improves local control and survival in patients with uterine leiomyosarcoma. <i>Radiation Oncology</i> , 2013 , 8, 128	4.2	16
118	Trends in the utilization of brachytherapy in cervical cancer in the United States. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 87, 111-9	4	328
117	Imaging biomarker dynamics in an intracranial murine glioma study of radiation and antiangiogenic therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 85, 805-12	4	27
116	The significance of tumoral ERCC1 status in patients with locally advanced cervical cancer treated with chemoradiation therapy: a multicenter clinicopathologic analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 85, 721-7	4	12
115	A comparison of dynamic contrast-enhanced CT and MR imaging-derived measurements in patients with cervical cancer. <i>Clinical Physiology and Functional Imaging</i> , 2013 , 33, 150-61	2.4	9
114	Oncology scan - gynecological cancers: new treatments, old treatments, imaging, and meta-analyses. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013 , 86, 207-10	4	3

113	Tumor and normal tissue dosimetry changes during MR-guided pulsed-dose-rate (PDR) brachytherapy for cervical cancer. <i>Radiotherapy and Oncology</i> , 2013 , 107, 46-51	5.3	23
112	Hypoxic activation of the PERK/eIF2 β arm of the unfolded protein response promotes metastasis through induction of LAMP3. <i>Clinical Cancer Research</i> , 2013 , 19, 6126-37	12.9	85
111	Reprogramming metabolism with metformin improves tumor oxygenation and radiotherapy response. <i>Clinical Cancer Research</i> , 2013 , 19, 6741-50	12.9	213
110	TMPRSS2-ERG status is not prognostic following prostate cancer radiotherapy: implications for fusion status and DSB repair. <i>Clinical Cancer Research</i> , 2013 , 19, 5202-9	12.9	34
109	Changes in apparent diffusion coefficient and T2 relaxation during radiotherapy for prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2013 , 37, 909-16	5.6	60
108	MicroRNA-196b regulates the homeobox B7-vascular endothelial growth factor axis in cervical cancer. <i>PLoS ONE</i> , 2013 , 8, e67846	3.7	52
107	A mathematical model of the enhanced permeability and retention effect for liposome transport in solid tumors. <i>PLoS ONE</i> , 2013 , 8, e81157	3.7	58
106	Pressure Gradients in Solid Tumors 2013 , 241-272		2
105	Simultaneous nonrigid registration, segmentation, and tumor detection in MRI guided cervical cancer radiation therapy. <i>IEEE Transactions on Medical Imaging</i> , 2012 , 31, 1213-27	11.7	21
104	Pathological predictors for site of local recurrence after radiotherapy for prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 82, e441-8	4	44
103	Inverse relationship between biochemical outcome and acute toxicity after image-guided radiotherapy for prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012 , 83, 608-16	4	9
102	Hypoxia, androgen deprivation and systemic metastases in prostate cancer (in response to "Antivascular effects of neoadjuvant androgen deprivation for prostate cancer: an in vivo human study using susceptibility and relaxivity dynamic MRI": in regard to Alonzi R et al. (Int J Radiat Oncol Biol Phys. 2011; 80(4): 704-707). <i>International Journal of Radiation Oncology Biology Physics</i>	4	3
101	Managing a national radiation oncologist workforce: a workforce planning model. <i>Radiotherapy and Oncology</i> , 2012 , 103, 123-9	5.3	16
100	Allelic loss of the loci containing the androgen synthesis gene, StAR, is prognostic for relapse in intermediate-risk prostate cancer. <i>Prostate</i> , 2012 , 72, 1295-305	4.2	10
99	Hedgehog pathway signaling in cervical carcinoma and outcome after chemoradiation. <i>Cancer</i> , 2012 , 118, 3105-15	6.4	47
98	Copy number alterations of c-MYC and PTEN are prognostic factors for relapse after prostate cancer radiotherapy. <i>Cancer</i> , 2012 , 118, 4053-62	6.4	90
97	Modeling the spatial distribution of chronic tumor hypoxia: implications for experimental and clinical studies. <i>Computational and Mathematical Methods in Medicine</i> , 2012 , 2012, 410602	2.8	38
96	Characterization of the Tumor-Microenvironment in Patient-Derived Cervix Xenografts (OCICx). <i>Cancers</i> , 2012 , 4, 821-45	6.6	34

95	Tumor hypoxia predicts biochemical failure following radiotherapy for clinically localized prostate cancer. <i>Clinical Cancer Research</i> , 2012 , 18, 2108-14	12.9	181
94	Hypoxia promotes ligand-independent EGF receptor signaling via hypoxia-inducible factor-mediated upregulation of caveolin-1. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 4892-7	11.5	101
93	NKX3.1 haploinsufficiency is prognostic for prostate cancer relapse following surgery or image-guided radiotherapy. <i>Clinical Cancer Research</i> , 2012 , 18, 308-16	12.9	38
92	Protease nexin 1 inhibits hedgehog signaling in prostate adenocarcinoma. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4025-36	15.9	33
91	The Effects of External Beam Radiotherapy on the Normal Urinary Bladder-A Histopathological Review. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2011 , 42, 189-197	1.4	2
90	Patient-specific PTV margins in radiotherapy for bladder cancer - a feasibility study using cone beam CT. <i>Radiotherapy and Oncology</i> , 2011 , 99, 131-6	5.3	24
89	The effect of delineation method and observer variability on bladder dose-volume histograms for prostate intensity modulated radiotherapy. <i>Radiotherapy and Oncology</i> , 2011 , 101, 479-85	5.3	17
88	Role of principal component analysis in predicting toxicity in prostate cancer patients treated with hypofractionated intensity-modulated radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 81, e415-21	4	23
87	Technological advances in radiotherapy for cervical cancer. <i>Current Opinion in Oncology</i> , 2011 , 23, 512-8	4.2	7
86	A method for patient dose reduction in dynamic contrast enhanced CT study. <i>Medical Physics</i> , 2011 , 38, 5094-103	4.4	8
85	An integrated approach to segmentation and nonrigid registration for application in image-guided pelvic radiotherapy. <i>Medical Image Analysis</i> , 2011 , 15, 772-85	15.4	46
84	Suppression of vascular endothelial growth factor receptor 3 (VEGFR3) and vascular endothelial growth factor C (VEGFC) inhibits hypoxia-induced lymph node metastases in cervix cancer. <i>Gynecologic Oncology</i> , 2011 , 123, 393-400	4.9	28
83	Deriving mechanisms responsible for the lack of correlation between hypoxia and acidity in solid tumors. <i>PLoS ONE</i> , 2011 , 6, e28101	3.7	2
82	Image-Guidance in External Beam Planning for Locally Advanced Cervical Cancer 2011 , 51-60		0
81	Treatment-related toxicity and symptom-related bother following postoperative radiotherapy for prostate cancer. <i>Canadian Urological Association Journal</i> , 2010 , 4, 105-11	1.2	10
80	Radiosurgery scope of practice in Canada: a report of the Canadian association of radiation oncology (CARO) radiosurgery advisory committee. <i>Radiotherapy and Oncology</i> , 2010 , 95, 122-8	5.3	4
79	The relationship between external beam radiotherapy dose and chronic urinary dysfunction--a methodological critique. <i>Radiotherapy and Oncology</i> , 2010 , 97, 40-7	5.3	37
78	Oncolytic targeting of renal cell carcinoma via encephalomyocarditis virus. <i>EMBO Molecular Medicine</i> , 2010 , 2, 275-88	12	19

77	Comparison of quantitative parameters in cervix cancer measured by dynamic contrast-enhanced MRI and CT. <i>Magnetic Resonance in Medicine</i> , 2010 , 63, 1601-9	4.4	30
76	Clinical application of high-dose, image-guided intensity-modulated radiotherapy in high-risk prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 77, 477-83	4	24
75	A cinematic magnetic resonance imaging study of milk of magnesia laxative and an antiflatulent diet to reduce intrafraction prostate motion. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 77, 1072-8	4	45
74	Automated weekly replanning for intensity-modulated radiotherapy of cervix cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 78, 350-8	4	52
73	Interfraction and intrafraction changes in amplitude of breathing motion in stereotactic liver radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 77, 918-25	4	87
72	Fingerprint of cell metabolism in the experimentally observed interstitial pH and pO ₂ in solid tumors. <i>Cancer Research</i> , 2009 , 69, 9141-7	10.1	14
71	Heterogeneity and power in clinical biomarker studies. <i>Journal of Clinical Oncology</i> , 2009 , 27, 1517-21	2.2	22
70	High-resolution array CGH identifies novel regions of genomic alteration in intermediate-risk prostate cancer. <i>Prostate</i> , 2009 , 69, 1091-100	4.2	71
69	Image guided dose escalated prostate radiotherapy: still room to improve. <i>Radiation Oncology</i> , 2009 , 4, 50	4.2	48
68	Correction: Image guided dose escalated prostate radiotherapy: still room to improve. <i>Radiation Oncology</i> , 2009 , 4, 65	4.2	1
67	Magnetic resonance imaging-guided intracavitary brachytherapy for cancer of the cervix. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 74, 1157-64	4	49
66	Pelvic lymph node topography for radiotherapy treatment planning from ferumoxtran-10 contrast-enhanced magnetic resonance imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 74, 844-51	4	43
65	Pelvic radiotherapy for cancer of the cervix: is what you plan actually what you deliver?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009 , 74, 304-12	4	94
64	Comparing oxygen-sensitive MRI (BOLD R2*) with oxygen electrode measurements: a pilot study in men with prostate cancer. <i>International Journal of Radiation Biology</i> , 2009 , 85, 805-13	2.9	88
63	The Influence of Programmatic Change on Radiation Therapist Research Capacity-A Single-center Case Study. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2009 , 40, 170-177	1.4	7
62	Interstitial fluid pressure, vascularity and metastasis in ectopic, orthotopic and spontaneous tumours. <i>BMC Cancer</i> , 2008 , 8, 2	4.8	72
61	Interstitial permeability and elasticity in human cervix cancer. <i>Microvascular Research</i> , 2008 , 75, 381-90	3.7	19
60	A randomized comparison of interfraction and intrafraction prostate motion with and without abdominal compression. <i>Radiotherapy and Oncology</i> , 2008 , 88, 88-94	5.3	23

59	Interstitial fluid pressure in tumors: therapeutic barrier and biomarker of angiogenesis. <i>Future Oncology</i> , 2008 , 4, 793-802	3.6	87
58	Use of palliative radiotherapy trials for clinical biomarker development. <i>Cancer and Metastasis Reviews</i> , 2008 , 27, 435-43	9.6	
57	Dynamic contrast-enhanced magnetic resonance imaging for localization of recurrent prostate cancer after external beam radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 70, 425-30	4	200
56	Cervical cancer regression measured using weekly magnetic resonance imaging during fractionated radiotherapy: radiobiologic modeling and correlation with tumor hypoxia. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 70, 126-33	4	92
55	Inter- and intrafractional tumor and organ movement in patients with cervical cancer undergoing radiotherapy: a cinematic-MRI point-of-interest study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 70, 1507-15	4	146
54	Validation of supervised automated algorithm for fast quantitative evaluation of organ motion on magnetic resonance imaging. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 71, 1253-60	4.6	9
53	In Reply to Dr. Wang et al.. <i>International Journal of Radiation Oncology Biology Physics</i> , 2008 , 71, 1603	4	
52	Diffusion-weighted MRI in cervical cancer. <i>European Radiology</i> , 2008 , 18, 1058-64	8	187
51	Invasive cervical cancer: a failure of screening. <i>European Journal of Public Health</i> , 2008 , 18, 162-5	2.1	26
50	Tumor hypoxia, DNA repair and prostate cancer progression: new targets and new therapies. <i>Future Oncology</i> , 2007 , 3, 329-41	3.6	67
49	Correlations between dynamic contrast-enhanced magnetic resonance imaging-derived measures of tumor microvasculature and interstitial fluid pressure in patients with cervical cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2007 , 25, 153-9	5.6	42
48	A prospective phase I-II trial of the cyclooxygenase-2 inhibitor celecoxib in patients with carcinoma of the cervix with biomarker assessment of the tumor microenvironment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 67, 97-103	4	44
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