

Michael F Milosevic

List of Publications by Citations

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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	Oxygenation predicts radiation response and survival in patients with cervix cancer. <i>Radiotherapy and Oncology</i> , 1998 , 48, 149-56	5.3	526
201	Expanding global access to radiotherapy. <i>Lancet Oncology, The</i> , 2015 , 16, 1153-86	21.7	457
200	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
199	Expression of hypoxia-inducible factor-1alpha in cervical carcinomas: correlation with tumor oxygenation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002 , 53, 854-61	4	290
198	Gut microbial metabolism drives transformation of MSH2-deficient colon epithelial cells. <i>Cell</i> , 2014 , 158, 288-299	56.2	283
197	Tumour genomic and microenvironmental heterogeneity for integrated prediction of 5-year biochemical recurrence of prostate cancer: a retrospective cohort study. <i>Lancet Oncology, The</i> , 2014 , 15, 1521-1532	21.7	218
196	Reprogramming metabolism with metformin improves tumor oxygenation and radiotherapy response. <i>Clinical Cancer Research</i> , 2013 , 19, 6741-50	12.9	213
195	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
194	Diffusion-weighted MRI in cervical cancer. <i>European Radiology</i> , 2008 , 18, 1058-64	8	187
193	Tumor hypoxia predicts biochemical failure following radiotherapy for clinically localized prostate cancer. <i>Clinical Cancer Research</i> , 2012 , 18, 2108-14	12.9	181
192	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
191	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
190	Vulnerabilities of radiomic signature development: The need for safeguards. <i>Radiotherapy and Oncology</i> , 2019 , 130, 2-9	5.3	137
189	The clinical significance of hypoxia in human cancers. <i>Seminars in Nuclear Medicine</i> , 2015 , 45, 110-21	5.4	133
188	Adjuvant and salvage radiation therapy after radical prostatectomy for adenocarcinoma of the prostate. <i>Radiotherapy and Oncology</i> , 2001 , 59, 51-60	5.3	127
187	The human tumor microenvironment: invasive (needle) measurement of oxygen and interstitial fluid pressure. <i>Seminars in Radiation Oncology</i> , 2004 , 14, 249-58	5.5	125
186	Phase II trial of hypofractionated image-guided intensity-modulated radiotherapy for localized prostate adenocarcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 69, 1084-9	4	119

185	Polarographic electrode study of tumor oxygenation in clinically localized prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004 , 58, 750-7	4	118
184	Anatomic boundaries of the clinical target volume (prostate bed) after radical prostatectomy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 69, 1090-9	4	113
183	Long-term performance of interstitial fluid pressure and hypoxia as prognostic factors in cervix cancer. <i>Radiotherapy and Oncology</i> , 2006 , 80, 132-7	5.3	113
182	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
181	Magnetic resonance imaging (MRI) for localization of the prostatic apex: comparison to computed tomography (CT) and urethrography. <i>Radiotherapy and Oncology</i> , 1998 , 47, 277-84	5.3	107
180	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
179	The relationship between elevated interstitial fluid pressure and blood flow in tumors: a bioengineering analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999 , 43, 1111-23	4	101
178	Androgen withdrawal in patients reduces prostate cancer hypoxia: implications for disease progression and radiation response. <i>Cancer Research</i> , 2007 , 67, 6022-5	10.1	96
177	Radiation effects on the tumor microenvironment: Implications for nanomedicine delivery. <i>Advanced Drug Delivery Reviews</i> , 2017 , 109, 119-130	18.5	94
176	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
175	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
174	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
173	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
172	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
171	Interstitial fluid pressure in tumors: therapeutic barrier and biomarker of angiogenesis. <i>Future Oncology</i> , 2008 , 4, 793-802	3.6	87
170	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
169	Stage II testicular seminoma: patterns of recurrence and outcome of treatment. <i>European Urology</i> , 2004 , 45, 754-59; discussion 759-60	10.2	85
168	A randomized trial of supine vs. prone positioning in patients undergoing escalated dose conformal radiotherapy for prostate cancer. <i>Radiotherapy and Oncology</i> , 2004 , 70, 37-44	5.3	83

167	Carbonic anhydrase IX expression, hypoxia, and prognosis in patients with uterine cervical carcinomas. <i>Clinical Cancer Research</i> , 2003 , 9, 5666-74	12.9	83
166	Interstitial fluid pressure in cervical carcinoma: within tumor heterogeneity, and relation to oxygen tension. <i>Cancer</i> , 1998 , 82, 2418-26	6.4	77
165	Long-term outcome of radiation-based conservation therapy for invasive bladder cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2007 , 25, 303-9	2.8	76
164	Interstitial fluid pressure, vascularity and metastasis in ectopic, orthotopic and spontaneous tumours. <i>BMC Cancer</i> , 2008 , 8, 2	4.8	72
163	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
162	Tumor size and oxygenation are independent predictors of nodal diseases in patients with cervix cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001 , 51, 699-703	4	70
161	Development of multiorgan finite element-based prostate deformation model enabling registration of endorectal coil magnetic resonance imaging for radiotherapy planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007 , 68, 1522-8	4	69
160	Repeatability and reproducibility of MRI-based radiomic features in cervical cancer. <i>Radiotherapy and Oncology</i> , 2019 , 135, 107-114	5.3	68
159	Assessment of the tumor microenvironment in cervix cancer using dynamic contrast enhanced CT, interstitial fluid pressure and oxygen measurements. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005 , 62, 1100-7	4	68
158	Tumor hypoxia, DNA repair and prostate cancer progression: new targets and new therapies. <i>Future Oncology</i> , 2007 , 3, 329-41	3.6	67
157	Combining precision radiotherapy with molecular targeting and immunomodulatory agents: a guideline by the American Society for Radiation Oncology. <i>Lancet Oncology</i> , 2018 , 19, e240-e251	21.7	66
156	Heterogeneity of polarographic oxygen tension measurements in cervix cancer: an evaluation of within and between tumor variability, probe position, and track depth. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997 , 39, 405-12	4	64
155	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
154	A prospective study of factors predicting clinically occult spinal cord compression in patients with metastatic prostate carcinoma. <i>Cancer</i> , 2001 , 92, 303-10	6.4	59
153	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
152	A facility for magnetic resonance-guided radiation therapy. <i>Seminars in Radiation Oncology</i> , 2014 , 24, 193-5	5.5	57
151	Radiotherapy for bladder cancer. <i>Urology</i> , 2007 , 69, 80-92	1.6	55
150	Hypoxia and Predicting Radiation Response. <i>Seminars in Radiation Oncology</i> , 2015 , 25, 260-72	5.5	54

149	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
148	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
147	MicroRNA-196b regulates the homeobox B7-vascular endothelial growth factor axis in cervical cancer. <i>PLoS ONE</i> , 2013 , 8, e67846	3.7	52
146	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
145	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
144	Cervix cancer oxygenation measured following external radiation therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998 , 42, 751-3	4	49
143	Image guided dose escalated prostate radiotherapy: still room to improve. <i>Radiation Oncology</i> , 2009 , 4, 50	4.2	48
142	Effects of the vascular disrupting agent ZD6126 on interstitial fluid pressure and cell survival in tumors. <i>Cancer Research</i> , 2006 , 66, 2074-80	10.1	48
141	Functional CT imaging of prostate cancer. <i>Physics in Medicine and Biology</i> , 2003 , 48, 3085-100	3.8	48
140	Hedgehog pathway signaling in cervical carcinoma and outcome after chemoradiation. <i>Cancer</i> , 2012 , 118, 3105-15	6.4	47
139	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
138	A cinematic magnetic resonance imaging study of milk of magnesia laxative and an antifatulent diet to reduce intrafraction prostate motion. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010 , 77, 1072-8	4	45
137	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
136	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
135	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
134	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
133	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
132	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

131	A phase II study of localized prostate cancer treated to 75.6 Gy with 3D conformal radiotherapy. <i>Radiotherapy and Oncology</i> , 2005 , 76, 11-7	5.3	42
130	Dosimetric comparison of intensity-modulated, conformal, and four-field pelvic radiotherapy boost plans for gynecologic cancer: a retrospective planning study. <i>Radiation Oncology</i> , 2006 , 1, 13	4.2	41
129	Up-regulation of the redox mediators thioredoxin and apurinic/aprimidinic excision (APE)/Ref-1 in hypoxic microregions of invasive cervical carcinomas, mapped using multispectral, wide-field fluorescence image analysis. <i>American Journal of Pathology</i> , 2004 , 164, 557-65	5.8	41
128	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
127	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
126	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
125	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
124	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, 486-490	4.9	36
123	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
122	Hybrid adaptive radiotherapy with on-line MRI in cervix cancer IMRT. <i>Radiotherapy and Oncology</i> , 2014 , 110, 323-8	5.3	36
121	Estimating hypoxic status in human tumors: a simulation using Eppendorf oxygen probe data in cervical cancer patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003 , 55, 1239-46	4	35
120	MR-guided prostate biopsy for planning of focal salvage after radiation therapy. <i>Radiology</i> , 2015 , 274, 181-91	20.5	34
119	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
118	Characterization of the Tumor-Microenvironment in Patient-Derived Cervix Xenografts (OCICx). <i>Cancers</i> , 2012 , 4, 821-45	6.6	34
117	Consolidative abdominopelvic radiotherapy after surgery and carboplatin/paclitaxel chemotherapy for epithelial ovarian cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005 , 62, 104-104	10	33
116	Protease nexin 1 inhibits hedgehog signaling in prostate adenocarcinoma. <i>Journal of Clinical Investigation</i> , 2012 , 122, 4025-36	15.9	33
115	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
114	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

113	Comparison of late toxicity between continuous low-dose-rate and pulsed-dose-rate brachytherapy in cervical cancer patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005 , 63, 1077-82 ⁴		29
112	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
111	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
110	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
109	Invasive cervical cancer: a failure of screening. <i>European Journal of Public Health</i> , 2008 , 18, 162-5	2.1	26
108	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
107	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
106	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
105	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
104	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
103	Developing a prognostic micro-RNA signature for human cervical carcinoma. <i>PLoS ONE</i> , 2015 , 10, e0123946	9.6	24
102	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
101	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
100	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
99	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
98	Heterogeneity and power in clinical biomarker studies. <i>Journal of Clinical Oncology</i> , 2009 , 27, 1517-21	2.2	22
97	Tumor size and oxygenation interact in predicting radiation response and survival in patients with cervix cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 1998 , 42, 313	4	22
96	Recurrent prostate cancer following external beam radiotherapy: follow-up strategies and management. <i>Urologic Clinics of North America</i> , 2003 , 30, 751-63	2.9	22

95	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, The</i> , 2019 , 20, 915-923	21.7	21
94	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
93	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
92	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
91	Modified oxygen mask to induce target levels of hyperoxia and hypercarbia during radiotherapy: a more effective alternative to carbogen. <i>International Journal of Radiation Biology</i> , 2007 , 83, 457-62	2.9	20
90	Oncolytic targeting of renal cell carcinoma via encephalomyocarditis virus. <i>EMBO Molecular Medicine</i> , 2010 , 2, 275-88	12	19
89	Interstitial permeability and elasticity in human cervix cancer. <i>Microvascular Research</i> , 2008 , 75, 381-90	3.7	19
88	A phase III randomized study of misonidazole plus radiation vs. radiation alone for cervix cancer. <i>Radiotherapy and Oncology</i> , 2004 , 70, 295-9	5.3	19
87	Definitive radiotherapy with image-guided adaptive brachytherapy for primary vaginal cancer. <i>Lancet Oncology, The</i> , 2020 , 21, e157-e167	21.7	19
86	Interstitial fluid pressure in cervical cancer: guide to targeted therapy. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2001 , 24, 516-21	2.7	18
85	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
84	Imaging the modulation of adenoviral kinetics and biodistribution for cancer gene therapy. <i>Molecular Therapy</i> , 2007 , 15, 921-9	11.7	17
83	Appropriate radiation volume for stage IIA/B testicular seminoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003 , 56, 746-8	4	17
82	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
81	Postoperative radiotherapy improves local control and survival in patients with uterine leiomyosarcoma. <i>Radiation Oncology</i> , 2013 , 8, 128	4.2	16
80	Managing a national radiation oncologist workforce: a workforce planning model. <i>Radiotherapy and Oncology</i> , 2012 , 103, 123-9	5.3	16
79	Management of testicular seminoma. <i>Journal of Surgical Oncology</i> , 1999 , 17, 240-9		16
78	Quantitative Imaging in Radiation Oncology: An Emerging Science and Clinical Service. <i>Seminars in Radiation Oncology</i> , 2015 , 25, 292-304	5.5	15

77	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
76	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
75	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
74	Treatment of early epithelial ovarian cancer with chemotherapy and abdominopelvic radiotherapy: results of a prospective treatment protocol. <i>International Journal of Radiation Oncology Biology Physics</i> , 1999 , 45, 657-65	4	14
73	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
72	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
71	Chromosomal instability as a prognostic marker in cervical cancer. <i>BMC Cancer</i> , 2015 , 15, 361	4.8	12
70	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
69	The Utility of Serum CA9 for Prognostication in Prostate Cancer. <i>Anticancer Research</i> , 2016 , 36, 4489-92	2.3	12
68	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
67	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
66	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
65	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
64	The Practice of Radiation Oncology in Canada. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 97, 876-880	4	9
63	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
62	Quantifying hypoxia in human cancers using static PET imaging. <i>Physics in Medicine and Biology</i> , 2016 , 61, 7957-7974	3.8	9
61	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
60	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

59	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
58	The impact of irregularly rising prostate-specific antigen and "impending failure" on the apparent outcome of localized prostate cancer following radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2001 , 49, 957-63	4	9
57	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
56	Quality standards in radiation medicine. <i>Practical Radiation Oncology</i> , 2014 , 4, 208-14	2.8	8
55	A method for patient dose reduction in dynamic contrast enhanced CT study. <i>Medical Physics</i> , 2011 , 38, 5094-103	4.4	8
54	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
53	Technological advances in radiotherapy for cervical cancer. <i>Current Opinion in Oncology</i> , 2011 , 23, 512-8	4.2	7
52	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
51	Salvage radiotherapy following radical prostatectomy. <i>World Journal of Urology</i> , 2003 , 21, 243-52	4	7
50	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
49	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
48	Relations between non-protein sulfhydryl levels in the nucleus and cytoplasm, tumor oxygenation, and clinical outcome of patients with uterine cervical carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005 , 61, 137-44	4	6
47	Genomic biomarkers for precision radiation medicine. <i>Lancet Oncology, The</i> , 2017 , 18, e238	21.7	5
46	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
45	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
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