

Michael F Milosevic

List of Publications by Year in descending order

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205
papers

11,905
citations

26610

56
h-index

30894

102
g-index

209
all docs

209
docs citations

209
times ranked

14528
citing authors

#	ARTICLE	IF	CITATIONS
1	Expanding global access to radiotherapy. <i>Lancet Oncology</i> , The, 2015, 16, 1153-1186.	5.1	709
2	Oxygenation predicts radiation response and survival in patients with cervix cancer. <i>Radiotherapy and Oncology</i> , 1998, 48, 149-156.	0.3	568
3	Trends in the Utilization of Brachytherapy in Cervical Cancer in the United States. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 111-119.	0.4	454
4	Gut Microbial Metabolism Drives Transformation of Msh2-Deficient Colon Epithelial Cells. <i>Cell</i> , 2014, 158, 288-299.	13.5	375
5	Expression of hypoxia-inducible factor-1 α in cervical carcinomas: correlation with tumor oxygenation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002, 53, 854-861.	0.4	348
6	Tumour genomic and microenvironmental heterogeneity for integrated prediction of 5-year biochemical recurrence of prostate cancer: a retrospective cohort study. <i>Lancet Oncology</i> , The, 2014, 15, 1521-1532.	5.1	291
7	Reprogramming Metabolism with Metformin Improves Tumor Oxygenation and Radiotherapy Response. <i>Clinical Cancer Research</i> , 2013, 19, 6741-6750.	3.2	268
8	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.	0.8	241
9	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, 425-430.	0.4	234
10	Tumor Hypoxia Predicts Biochemical Failure following Radiotherapy for Clinically Localized Prostate Cancer. <i>Clinical Cancer Research</i> , 2012, 18, 2108-2114.	3.2	233
11	Vulnerabilities of radiomic signature development: The need for safeguards. <i>Radiotherapy and Oncology</i> , 2019, 130, 2-9.	0.3	233
12	Diffusion-weighted MRI in cervical cancer. <i>European Radiology</i> , 2008, 18, 1058-1064.	2.3	217
13	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, 1507-1515.	0.4	175
14	The Clinical Significance of Hypoxia in Human Cancers. <i>Seminars in Nuclear Medicine</i> , 2015, 45, 110-121.	2.5	166
15	Adjuvant and salvage radiation therapy after radical prostatectomy for adenocarcinoma of the prostate. <i>Radiotherapy and Oncology</i> , 2001, 59, 51-60.	0.3	154
16	Anatomic Boundaries of the Clinical Target Volume (Prostate Bed) After Radical Prostatectomy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 1090-1099.	0.4	146
17	The human tumor microenvironment: invasive (needle) measurement of oxygen and interstitial fluid pressure. <i>Seminars in Radiation Oncology</i> , 2004, 14, 249-258.	1.0	140
18	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, 1084-1089.	0.4	139

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19	Prognostic value of pretreatment circulating neutrophils, monocytes, and lymphocytes in oropharyngeal cancer stratified by human papillomavirus status. <i>Cancer</i> , 2015, 121, 545-555.	2.0	133
20	Polarographic electrode study of tumor oxygenation in clinically localized prostate cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 58, 750-757.	0.4	129
21	Long-term performance of interstitial fluid pressure and hypoxia as prognostic factors in cervix cancer. <i>Radiotherapy and Oncology</i> , 2006, 80, 132-137.	0.3	127
22	Radiation effects on the tumor microenvironment: Implications for nanomedicine delivery. <i>Advanced Drug Delivery Reviews</i> , 2017, 109, 119-130.	6.6	126
23	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, 4892-4897.	3.3	120
24	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, 1111-1123.	0.4	119
25	Magnetic resonance imaging (MRI) for localization of the prostatic apex: comparison to computed tomography (CT) and urethrography. <i>Radiotherapy and Oncology</i> , 1998, 47, 277-284.	0.3	117
26	Stage II Testicular Seminoma: Patterns of Recurrence and Outcome of Treatment. <i>European Urology</i> , 2004, 45, 754-760.	0.9	115
27	Repeatability and reproducibility of MRI-based radiomic features in cervical cancer. <i>Radiotherapy and Oncology</i> , 2019, 135, 107-114.	0.3	112
28	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, 304-312.	0.4	111
29	Androgen Withdrawal in Patients Reduces Prostate Cancer Hypoxia: Implications for Disease Progression and Radiation Response. <i>Cancer Research</i> , 2007, 67, 6022-6025.	0.4	109
30	Combining precision radiotherapy with molecular targeting and immunomodulatory agents: a guideline by the American Society for Radiation Oncology. <i>Lancet Oncology</i> , The, 2018, 19, e240-e251.	5.1	108
31	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, 126-133.	0.4	107
32	Copy number alterations of <i>MYC</i> and <i>PTEN</i> are prognostic factors for relapse after prostate cancer radiotherapy. <i>Cancer</i> , 2012, 118, 4053-4062.	2.0	105
33	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, 6126-6137.	3.2	105
34	Interstitial fluid pressure in tumors: therapeutic barrier and biomarker of angiogenesis. <i>Future Oncology</i> , 2008, 4, 793-802.	1.1	103
35	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, 805-813.	1.0	101
36	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.	0.3	98

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37	Long-term outcome of radiation-based conservation therapy for invasive bladder cancer. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2007, 25, 303-309.	0.8	98
38	Carbonic anhydrase IX expression, hypoxia, and prognosis in patients with uterine cervical carcinomas. <i>Clinical Cancer Research</i> , 2003, 9, 5666-74.	3.2	95
39	Interfraction and Intrafraction Changes in Amplitude of Breathing Motion in Stereotactic Liver Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 77, 918-925.	0.4	93
40	Interstitial fluid pressure, vascularity and metastasis in ectopic, orthotopic and spontaneous tumours. <i>BMC Cancer</i> , 2008, 8, 2.	1.1	89
41	Interstitial fluid pressure in cervical carcinoma. , 1998, 82, 2418-2426.		84
42	Neutrophilâ€“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.	1.4	78
43	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, 1100-1107.	0.4	76
44	Tumor hypoxia, DNA repair and prostate cancer progression: new targets and new therapies. <i>Future Oncology</i> , 2007, 3, 329-341.	1.1	75
45	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, 1522-1528.	0.4	75
46	Highâ€“resolution array CGH identifies novel regions of genomic alteration in intermediateâ€“risk prostate cancer. <i>Prostate</i> , 2009, 69, 1091-1100.	1.2	75
47	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.	0.4	74
48	Changes in apparent diffusion coefficient and T₂ relaxation during radiotherapy for prostate cancer. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 37, 909-916.	1.9	74
49	A prospective study of factors predicting clinically occult spinal cord compression in patients with metastatic prostate carcinoma. <i>Cancer</i> , 2001, 92, 303-310.	2.0	73
50	Hypoxia and Predicting Radiation Response. <i>Seminars in Radiation Oncology</i> , 2015, 25, 260-272.	1.0	73
51	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, 405-412.	0.4	69
52	A Facility for Magnetic Resonanceâ€“Guided Radiation Therapy. <i>Seminars in Radiation Oncology</i> , 2014, 24, 193-195.	1.0	69
53	Radiotherapy for Bladder Cancer. <i>Urology</i> , 2007, 69, 80-92.	0.5	68
54	A Mathematical Model of the Enhanced Permeability and Retention Effect for Liposome Transport in Solid Tumors. <i>PLoS ONE</i> , 2013, 8, e81157.	1.1	66

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55	Automated Weekly Replanning for Intensity-Modulated Radiotherapy of Cervix Cancer. International Journal of Radiation Oncology Biology Physics, 2010, 78, 350-358.	0.4	65
56	The intra-tumoral relationship between microcirculation, interstitial fluid pressure and liposome accumulation. Journal of Controlled Release, 2015, 211, 163-170.	4.8	65
57	MicroRNA-196b Regulates the Homeobox B7-Vascular Endothelial Growth Factor Axis in Cervical Cancer. PLoS ONE, 2013, 8, e67846.	1.1	60
58	A prospective phase II trial of the cyclooxygenase-2 inhibitor celecoxib in patients with carcinoma of the cervix with biomarker assessment of the tumor microenvironment. International Journal of Radiation Oncology Biology Physics, 2007, 67, 97-103.	0.4	57
59	Image guided dose escalated prostate radiotherapy: still room to improve. Radiation Oncology, 2009, 4, 50.	1.2	57
60	Magnetic Resonance Imaging-Guided Intracavitary Brachytherapy for Cancer of the Cervix. International Journal of Radiation Oncology Biology Physics, 2009, 74, 1157-1164.	0.4	55
61	An integrated approach to segmentation and nonrigid registration for application in image-guided pelvic radiotherapy. Medical Image Analysis, 2011, 15, 772-785.	7.0	55
62	Radiation and Heat Improve the Delivery and Efficacy of Nanotherapeutics by Modulating Intratumoral Fluid Dynamics. ACS Nano, 2018, 12, 7583-7600.	7.3	55
63	Association of Apparent Diffusion Coefficient with Disease Recurrence in Patients with Locally Advanced Cervical Cancer Treated with Radical Chemotherapy and Radiation Therapy. Radiology, 2016, 279, 158-166.	3.6	54
64	Cervix cancer oxygenation measured following external radiation therapy. International Journal of Radiation Oncology Biology Physics, 1998, 42, 751-753.	0.4	53
65	Functional CT imaging of prostate cancer. Physics in Medicine and Biology, 2003, 48, 3085-3100.	1.6	53
66	Pelvic Lymph Node Topography for Radiotherapy Treatment Planning From Ferumoxtran-10 Contrast-Enhanced Magnetic Resonance Imaging. International Journal of Radiation Oncology Biology Physics, 2009, 74, 844-851.	0.4	52
67	A Cinematic Magnetic Resonance Imaging Study of Milk of Magnesia Laxative and an Antiflatulent Diet to Reduce Intrafraction Prostate Motion. International Journal of Radiation Oncology Biology Physics, 2010, 77, 1072-1078.	0.4	52
68	Pathological Predictors for Site of Local Recurrence After Radiotherapy for Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2012, 82, e441-e448.	0.4	52
69	Effects of the Vascular Disrupting Agent ZD6126 on Interstitial Fluid Pressure and Cell Survival in Tumors. Cancer Research, 2006, 66, 2074-2080.	0.4	51
70	Correlations between dynamic contrast-enhanced magnetic resonance imaging-derived measures of tumor microvasculature and interstitial fluid pressure in patients with cervical cancer. Journal of Magnetic Resonance Imaging, 2007, 25, 153-159.	1.9	51
71	Modeling the Spatial Distribution of Chronic Tumor Hypoxia: Implications for Experimental and Clinical Studies. Computational and Mathematical Methods in Medicine, 2012, 2012, 1-11.	0.7	50
72	Hedgehog pathway signaling in cervical carcinoma and outcome after chemoradiation. Cancer, 2012, 118, 3105-3115.	2.0	50

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73	The relationship between external beam radiotherapy dose and chronic urinary dysfunction – A methodological critique. <i>Radiotherapy and Oncology</i> , 2010, 97, 40-47.	0.3	49
74	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.	1.2	48
75	Hybrid adaptive radiotherapy with on-line MRI in cervix cancer IMRT. <i>Radiotherapy and Oncology</i> , 2014, 110, 323-328.	0.3	48
76	Plerixafor Improves Primary Tumor Response and Reduces Metastases in Cervical Cancer Treated with Radio-Chemotherapy. <i>Clinical Cancer Research</i> , 2017, 23, 1242-1249.	3.2	48
77	A phase II study of localized prostate cancer treated to 75.6Gy with 3D conformal radiotherapy. <i>Radiotherapy and Oncology</i> , 2005, 76, 11-17.	0.3	47
78	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.	0.6	47
79	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.	5.1	45
80	Up-Regulation of the Redox Mediators Thioredoxin and Apurinic/Apyrimidinic 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, 557-565.	1.9	44
81	Characterization of the Tumor-Microenvironment in Patient-Derived Cervix Xenografts (OCICx). <i>Cancers</i> , 2012, 4, 821-845.	1.7	44
82	Dosimetrically Triggered Adaptive Intensity Modulated Radiation Therapy for Cervical Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 147-154.	0.4	44
83	<i>NKX3.1</i> Haploinsufficiency Is Prognostic for Prostate Cancer Relapse following Surgery or Image-Guided Radiotherapy. <i>Clinical Cancer Research</i> , 2012, 18, 308-316.	3.2	43
84	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.	1.1	43
85	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.	0.6	42
86	Measurement of Tumor Hypoxia in Patients with Advanced Pancreatic Cancer Based on ¹⁸ F-Fluoroazomyin Arabinoside Uptake. <i>Journal of Nuclear Medicine</i> , 2016, 57, 361-366.	2.8	42
87	Developing a Prognostic Micro-RNA Signature for Human Cervical Carcinoma. <i>PLoS ONE</i> , 2015, 10, e0123946.	1.1	42
88	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.	0.3	41
89	MR-guided Prostate Biopsy for Planning of Focal Salvage after Radiation Therapy. <i>Radiology</i> , 2015, 274, 181-191.	3.6	40
90	Consolidative abdominopelvic radiotherapy after surgery and carboplatin/paclitaxel chemotherapy for epithelial ovarian cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 62, 104-110.	0.4	39

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91	Invasive cervical cancer: a failure of screening. <i>European Journal of Public Health</i> , 2007, 18, 162-165.	0.1	39
92	<i>TMPRSS2-ERG</i> Status Is Not Prognostic Following Prostate Cancer Radiotherapy: Implications for Fusion Status and DSB Repair. <i>Clinical Cancer Research</i> , 2013, 19, 5202-5209.	3.2	39
93	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.	2.3	39
94	Definitive radiotherapy with image-guided adaptive brachytherapy for primary vaginal cancer. <i>Lancet Oncology</i> , 2020, 21, e157-e167.	5.1	39
95	Protease nexin 1 inhibits hedgehog signaling in prostate adenocarcinoma. <i>Journal of Clinical Investigation</i> , 2012, 122, 4025-4036.	3.9	39
96	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, 1239-1246.	0.4	37
97	Comparison of quantitative parameters in cervix cancer measured by dynamic contrast-enhanced MRI and CT. <i>Magnetic Resonance in Medicine</i> , 2010, 63, 1601-1609.	1.9	31
98	Patient-specific PTV margins in radiotherapy for bladder cancer – A feasibility study using cone beam CT. <i>Radiotherapy and Oncology</i> , 2011, 99, 131-136.	0.3	31
99	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, 1077-1082.	0.4	30
100	Heterogeneity and Power in Clinical Biomarker Studies. <i>Journal of Clinical Oncology</i> , 2009, 27, 1517-1521.	0.8	30
101	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, 805-812.	0.4	30
102	<i>NBN</i> gain is predictive for adverse outcome following image-guided radiotherapy for localized prostate cancer. <i>Oncotarget</i> , 2014, 5, 11081-11090.	0.8	30
103	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, 477-483.	0.4	29
104	Simultaneous Nonrigid Registration, Segmentation, and Tumor Detection in MRI Guided Cervical Cancer Radiation Therapy. <i>IEEE Transactions on Medical Imaging</i> , 2012, 31, 1213-1227.	5.4	29
105	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, 1692-1699.	2.3	29
106	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.	0.4	28
107	Recurrent prostate cancer following external beam radiotherapy. <i>Urologic Clinics of North America</i> , 2003, 30, 751-763.	0.8	27
108	Appropriate radiation volume for stage IIA/B testicular seminoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 56, 746-748.	0.4	26

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109	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.	0.3	26
110	Association between Metformin Use and Mortality after Cervical Cancer in Older Women with Diabetes. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2016, 25, 507-512.	1.1	26
111	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.	1.5	26
112	Interstitial permeability and elasticity in human cervix cancer. <i>Microvascular Research</i> , 2008, 75, 381-390.	1.1	25
113	A randomized comparison of interfraction and intrafraction prostate motion with and without abdominal compression. <i>Radiotherapy and Oncology</i> , 2008, 88, 88-94.	0.3	25
114	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-e421.	0.4	25
115	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.	0.4	25
116	Interstitial Fluid Pressure in Cervical Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2001, 24, 516-521.	0.6	23
117	Oncolytic targeting of renal cell carcinoma via encephalomyocarditis virus. <i>EMBO Molecular Medicine</i> , 2010, 2, 275-288.	3.3	23
118	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, 479-485.	0.3	23
119	A phase III randomized study of misonidazole plus radiation vs. radiation alone for cervix cancer. <i>Radiotherapy and Oncology</i> , 2004, 70, 295-299.	0.3	22
120	Hedgehog inhibition enhances efficacy of radiation and cisplatin in orthotopic cervical cancer xenografts. <i>British Journal of Cancer</i> , 2017, 116, 50-57.	2.9	22
121	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.	2.9	22
122	Management of testicular seminoma. <i>Journal of Surgical Oncology</i> , 1999, 17, 240-249.	1.4	21
123	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, 457-462.	1.0	21
124	Managing a national radiation oncologist workforce: A workforce planning model. <i>Radiotherapy and Oncology</i> , 2012, 103, 123-129.	0.3	21
125	Postoperative radiotherapy improves local control and survival in patients with uterine leiomyosarcoma. <i>Radiation Oncology</i> , 2013, 8, 128.	1.2	20
126	Imaging the Modulation of Adenoviral Kinetics and Biodistribution for Cancer Gene Therapy. <i>Molecular Therapy</i> , 2007, 15, 921-929.	3.7	19

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127	Chromosomal instability as a prognostic marker in cervical cancer. <i>BMC Cancer</i> , 2015, 15, 361.	1.1	18
128	Quantitative Imaging in Radiation Oncology: An Emerging Science and Clinical Service. <i>Seminars in Radiation Oncology</i> , 2015, 25, 292-304.	1.0	18
129	The Canadian National System for Incident Reporting in Radiation Treatment (NSIR-RT) Taxonomy. <i>Practical Radiation Oncology</i> , 2016, 6, 334-341.	1.1	18
130	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, 657-665.	0.4	17
131	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.	0.4	17
132	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.	0.3	17
133	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.	0.9	16
134	Fingerprint of Cell Metabolism in the Experimentally Observed Interstitial pH and pO ₂ in Solid Tumors. <i>Cancer Research</i> , 2009, 69, 9141-9147.	0.4	15
135	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, 721-727.	0.4	15
136	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, 2595-2603.	2.0	14
137	Treatment-related toxicity and symptom-related bother following postoperative radiotherapy for prostate cancer. <i>Canadian Urological Association Journal</i> , 2013, 4, 105.	0.3	13
138	The Practice of Radiation Oncology in Canada. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 876-880.	0.4	13
139	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.	4.8	13
140	Brachytherapy patient safety events in an academic radiation medicine program. <i>Brachytherapy</i> , 2018, 17, 16-23.	0.2	13
141	The Utility of Serum CA9 for Prognostication in Prostate Cancer. <i>Anticancer Research</i> , 2016, 36, 4489-4492.	0.5	13
142	Radiation therapy quality-of-care indicators for locally advanced cervical cancer: A consensus guideline. <i>Practical Radiation Oncology</i> , 2016, 6, 315-323.	1.1	12
143	Genomic biomarkers for precision radiation medicine. <i>Lancet Oncology</i> , The, 2017, 18, e238.	5.1	12
144	Measurement of Tumor Hypoxia in Patients With Locally Advanced Cervical Cancer Using Positron Emission Tomography with ¹⁸ F-Fluoroazomyin Arabinoside. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1202-1209.	0.4	12

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145	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, 957-963.	0.4	11
146	Quality standards in radiation medicine. <i>Practical Radiation Oncology</i> , 2014, 4, 208-214.	1.1	11
147	Quantifying hypoxia in human cancers using static PET imaging. <i>Physics in Medicine and Biology</i> , 2016, 61, 7957-7974.	1.6	11
148	Intratumoral heterogeneity and hypoxia gene expression signatures: Is a single biopsy adequate?. <i>Clinical and Translational Radiation Oncology</i> , 2019, 19, 110-115.	0.9	11
149	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, 1253-1260.	0.4	10
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