

# David Roberge

## List of Publications by Year in descending order

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Version: 2024-02-01

116  
papers

7,473  
citations

136740

32  
h-index

54797

84  
g-index

117  
all docs

117  
docs citations

117  
times ranked

6845  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereotactic Ablative Radiotherapy for oligo-progressive disease refractory to systemic therapy in Non-Small Cell Lung Cancer: A registry-based phase II randomized trial (SUPPRESS-NSCLC). <i>Clinical and Translational Radiation Oncology</i> , 2022, 33, 115-119.	0.9	4
2	Graded Prognostic Assessment (GPA) for Patients With Lung Cancer and Brain Metastases: Initial Report of the Small Cell Lung Cancer GPA and Update of the Non-Small Cell Lung Cancer GPA Including the Effect of Programmed Death Ligand 1 and Other Prognostic Factors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 114, 60-74.	0.4	33
3	Automated Detection of Brain Metastases on T1-Weighted MRI Using a Convolutional Neural Network: Impact of Volume Aware Loss and Sampling Strategy. <i>Journal of Magnetic Resonance Imaging</i> , 2022, 56, 1885-1898.	1.9	9
4	Quality of Life: A Prospective Randomized Trial of Palliative Volumetric Arc Therapy Versus 3-Dimensional Conventional Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 1431-1439.	0.4	2
5	Intralesional rituximab in the treatment of indolent primary cutaneous B-cell lymphoma. <i>British Journal of Dermatology</i> , 2021, 184, 354-356.	1.4	2
6	Adult Medulloblastoma Demographic, Tumor and Treatment Impact since 2006: A Canadian University Experience. <i>Current Oncology</i> , 2021, 28, 3104-3114.	0.9	2
7	Catching the Wave: Quantifying the Impact of COVID on Radiotherapy Delivery. <i>Current Oncology</i> , 2021, 28, 152-158.	0.9	6
8	Adrenocortical cancer recurrence following initial transcutaneous biopsy: a rare demonstration of needle tract seeding. <i>Endocrine Oncology</i> , 2021, 1, K7-K12.	0.1	1
9	Neuro-Oncology Practice Clinical Debate: stereotactic radiosurgery or fractionated stereotactic radiotherapy following surgical resection for brain metastasis. <i>Neuro-Oncology Practice</i> , 2020, 7, 263-267.	1.0	4
10	Prediction of inter-fractional radiotherapy dose plans with domain translation in spatiotemporal embeddings. <i>Medical Image Analysis</i> , 2020, 64, 101728.	7.0	5
11	Multidisciplinary patient-centered management of brain metastases and future directions. <i>Neuro-Oncology Advances</i> , 2020, 2, vdaa034.	0.4	30
12	Survival in Patients With Brain Metastases: Summary Report on the Updated Diagnosis-Specific Graded Prognostic Assessment and Definition of the Eligibility Quotient. <i>Journal of Clinical Oncology</i> , 2020, 38, 3773-3784.	0.8	223
13	Estrogen/progesterone receptor and HER2 discordance between primary tumor and brain metastases in breast cancer and its effect on treatment and survival. <i>Neuro-Oncology</i> , 2020, 22, 1359-1367.	0.6	49
14	Salvage/Reirradiation/Retreatment. , 2020, , 217-227.		0
15	Cardiac Sparing with Personalized Treatment Planning for Early-stage Left Breast Cancer. <i>Cureus</i> , 2020, 12, e7247.	0.2	5
16	Estimating survival in patients with gastrointestinal cancers and brain metastases: An update of the graded prognostic assessment for gastrointestinal cancers (GI-GPA). <i>Clinical and Translational Radiation Oncology</i> , 2019, 18, 39-45.	0.9	26
17	LINAC based stereotactic radiosurgery for multiple brain metastases: guidance for clinical implementation. <i>Acta Oncologica</i> , 2019, 58, 1275-1282.	0.8	50
18	Canadian Consensus: Oligoprogressive, Pseudoprogressive, and Oligometastatic Non-Small-Cell Lung Cancer. <i>Current Oncology</i> , 2019, 26, 81-93.	0.9	38

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19	Risk-adapted stereotactic ablative radiotherapy for central and ultra-central lung tumours. <i>Radiotherapy and Oncology</i> , 2019, 134, 178-184.	0.3	10
20	Survival and prognostic factors in patients with gastrointestinal cancers and brain metastases: have we made progress?. <i>Translational Research</i> , 2019, 208, 63-72.	2.2	13
21	Dual-energy computed tomography for prediction of loco-regional recurrence after radiotherapy in larynx and hypopharynx squamous cell carcinoma. <i>European Journal of Radiology</i> , 2019, 110, 1-6.	1.2	41
22	Central3D: A Computer Tool to Help Clinicians Differentiate Central and Peripheral Lung Tumors. <i>Practical Radiation Oncology</i> , 2019, 9, e98-e102.	1.1	1
23	Diagnostic Reliability of Leptomeningeal Disease Using Magnetic Resonance Imaging. <i>Cureus</i> , 2019, 11, e4416.	0.2	9
24	A Phase II Multi-institutional Clinical Trial Assessing Fractionated Simultaneous In-Field Boost Radiotherapy for Brain Oligometastases. <i>Cureus</i> , 2019, 11, e6394.	0.2	2
25	Stereotactic body radiotherapy (SBRT) for patients with locally advanced pancreatic cancer: A single center experience. <i>Digestive and Liver Disease</i> , 2018, 50, 396-400.	0.4	9
26	Preservation of Neurocognitive Function (NCF) with Conformal Avoidance of the Hippocampus during Whole-Brain Radiotherapy (HA-WBRT) for Brain Metastases: Preliminary Results of Phase III Trial NRG Oncology CC001. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1607.	0.4	47
27	The Future Is Now! Prospective Study of Radiosurgery for More Than 4 Brain Metastases to Start in 2018!. <i>Frontiers in Oncology</i> , 2018, 8, 380.	1.3	13
28	Radiotherapy Immobilization Mask Molding Through the Use of 3D-Printed Head Models. <i>Technology in Cancer Research and Treatment</i> , 2018, 17, 153303381880905.	0.8	8
29	Effect of Targeted Therapies on Prognostic Factors, Patterns of Care, and Survival in Patients With Renal Cell Carcinoma and Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 845-853.	0.4	22
30	Estimating survival for renal cell carcinoma patients with brain metastases: an update of the Renal Graded Prognostic Assessment tool. <i>Neuro-Oncology</i> , 2018, 20, 1652-1660.	0.6	47
31	In a Heartbeat: An Assessment of Dynamic Dose Variation to Cardiac Structures Using Dual Source Computed Tomography. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 950-959.	0.4	13
32	The impacts of mid-treatment CBCT-guided patient repositioning on target coverage during lung VMAT. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2017, 61, 543-549.	0.9	2
33	The Prognostic Value of BRAF, C-KIT, and NRAS Mutations in Melanoma Patients With Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 1069-1077.	0.4	58
34	The Treatment of Brain Arteriovenous Malformation Study (TOBAS): A preliminary inter- and intra-rater agreement study on patient management. <i>Journal of Neuroradiology</i> , 2017, 44, 247-253.	0.6	12
35	Reproducibility of a Noninvasive System for Eye Positioning and Monitoring in Stereotactic Radiotherapy of Ocular Melanoma. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 352-356.	0.8	6
36	A dosimetric parameter to limit chest wall toxicity in SABR of NSCLC. <i>British Journal of Radiology</i> , 2017, 90, 20170196.	1.0	6

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37	Estimating Survival in Melanoma Patients With Brain Metastases: An Update of the Graded Prognostic Assessment for Melanoma Using Molecular Markers (Melanoma-molGPA). <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 812-816.	0.4	163
38	SRS versus WBRT for resected brain metastases – Authors' reply. <i>Lancet Oncology</i> , The, 2017, 18, e560.	5.1	1
39	Phase 1-2 Study of Dual-Energy Computed Tomography for Assessment of Pulmonary Function in Radiation Therapy Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 334-343.	0.4	20
40	Larynx motion considerations in partial larynx volumetric modulated arc therapy for early glottic cancer. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2017, 61, 666-673.	0.9	8
41	Postoperative stereotactic radiosurgery compared with whole brain radiotherapy for resected metastatic brain disease (NCCTG N107C/CEC3): a multicentre, randomised, controlled, phase 3 trial. <i>Lancet Oncology</i> , The, 2017, 18, 1049-1060.	5.1	840
42	Estimating Survival in Patients With Lung Cancer and Brain Metastases. <i>JAMA Oncology</i> , 2017, 3, 827.	3.4	543
43	Efficiency of Crizotinib on an ALK-Positive Inflammatory Myofibroblastic Tumor of the Central Nervous System: A Case Report. <i>Cureus</i> , 2017, 9, e1068.	0.2	3
44	Adjuvant Radiotherapy for Thymic Neuroendocrine Tumors: A Case Report and Review of the Literature. <i>Cureus</i> , 2017, 9, e1115.	0.2	0
45	Helical Tomotherapy for Postmastectomy Radiotherapy after Immediate Left Breast Reconstruction: A Case Study. <i>Cureus</i> , 2017, 9, e1462.	0.2	2
46	Eastern Canadian Colorectal Cancer Consensus Conference 2013: Emerging Therapies in the Treatment of Pancreatic, Rectal, and Colorectal Cancers. <i>Current Oncology</i> , 2016, 23, 52-55.	0.9	1
47	PS1 -125 Assessment of Function and Quality of Life in a Phase II Multi-Institutional Clinical Trial of Fractionated Simultaneous In-Field Boost Radiotherapy for Patients with 1-2 Brain Metastases. <i>Canadian Journal of Neurological Sciences</i> , 2016, 43, S8-S8.	0.3	0
48	Primary Cutaneous B-Cell Lymphoma in Young Monozygotic Twins. <i>Journal of Cutaneous Medicine and Surgery</i> , 2016, 20, 582-585.	0.6	2
49	Assessment of function and quality of life in a phase II multi-institutional clinical trial of fractionated simultaneous in-field boost radiotherapy for patients with 1-3 metastases. <i>Journal of Neuro-Oncology</i> , 2016, 128, 431-436.	1.4	1
50	Severe radiation pneumonitis after lung stereotactic ablative radiation therapy in patients with interstitial lung disease. <i>Practical Radiation Oncology</i> , 2016, 6, 367-374.	1.1	82
51	The Effect of Gene Alterations and Tyrosine Kinase Inhibition on Survival and Cause of Death in Patients With Adenocarcinoma of the Lung and Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 406-413.	0.4	84
52	A Study of Pseudoprogression After Spine Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, 848-856.	0.4	26
53	Tazarotene 0.1% Cream as Monotherapy for Early-Stage Cutaneous T-Cell Lymphoma. <i>Journal of Cutaneous Medicine and Surgery</i> , 2016, 20, 244-248.	0.6	12
54	A pilot study using dynamic contrast enhanced-MRI as a response biomarker of the radioprotective effect of memantine in patients receiving whole brain radiotherapy. <i>Oncotarget</i> , 2016, 7, 50986-50996.	0.8	21

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55	Stereotactic Body Radiotherapy for Inoperable Liver Tumors: Results of a Single Institutional Experience. <i>Cureus</i> , 2016, 8, e935.	0.2	9
56	Technique for Robotic Stereotactic Irradiation of Choroidal Melanoma. <i>Cureus</i> , 2016, 8, e582.	0.2	5
57	Assessing the Need for Adjuvant Chemotherapy After Stereotactic Body Radiation Therapy in Early-stage Non-small Cell Lung Carcinoma. <i>Cureus</i> , 2016, 8, e901.	0.2	6
58	Analysis of Pulmonary Vein Antrums Motion with Cardiac Contraction Using Dual-Source Computed Tomography. <i>Cureus</i> , 2016, 8, e712.	0.2	4
59	Late radiation toxicity in Hodgkin lymphoma patients: proton therapy's potential. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 167-178.	0.8	15
60	Treatment of Brain AVMs (TOBAS): study protocol for a pragmatic randomized controlled trial. <i>Trials</i> , 2015, 16, 497.	0.7	54
61	Treatment Guidelines for Preoperative Radiation Therapy for Retroperitoneal Sarcoma: Preliminary Consensus of an International Expert Panel. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 602-612.	0.4	102
62	Latent uncertainties of the precalculated track Monte Carlo method. <i>Medical Physics</i> , 2015, 42, 479-490.	1.6	10
63	Long-term quality of life in early-stage non-small cell lung cancer patients treated with robotic stereotactic ablative radiation therapy. <i>Practical Radiation Oncology</i> , 2015, 5, e365-e373.	1.1	18
64	Retroperitoneal Sarcoma Target Volume and Organ at Risk Contour Delineation Agreement Among NRG Sarcoma Radiation Oncologists. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 1053-1059.	0.4	28
65	Turn down the noise—a blinded evaluation of iterative image reconstruction in radiation therapy computed tomography simulation. <i>Practical Radiation Oncology</i> , 2015, 5, e393-e400.	1.1	1
66	Excellent Cancer Outcomes Following Patient-adapted Robotic Lung SBRT But a Case for Caution in Idiopathic Pulmonary Fibrosis. <i>Technology in Cancer Research and Treatment</i> , 2015, 14, 667-676.	0.8	28
67	How Low Should You Go: Choice of Minimum Dose Prescription in Cranial Radiosurgery. <i>Cureus</i> , 2015, 7, e282.	0.2	1
68	Interobserver Variability in Target Definition for Hepatocellular Carcinoma With and Without Portal Vein Thrombus: Radiation Therapy Oncology Group Consensus Guidelines. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 89, 804-813.	0.4	33
69	Preoperative Intensity Modulated Radiation Therapy for Retroperitoneal Sarcoma. <i>Technology in Cancer Research and Treatment</i> , 2014, 13, 211-216.	0.8	14
70	Implanting Metal Fiducials to Guide Stereotactic Liver Radiation: McGill Experience and Review of Current Devices, Techniques and Complications. <i>Technology in Cancer Research and Treatment</i> , 2014, 13, 253-258.	0.8	21
71	Accuracy of Breath-hold CT in Treatment Planning for Lung Stereotactic Ablative Radiotherapy. <i>Cureus</i> , 2014, 6, e236.	0.2	1
72	The effect of tumor subtype on the time from primary diagnosis to development of brain metastases and survival in patients with breast cancer. <i>Journal of Neuro-Oncology</i> , 2013, 112, 467-472.	1.4	137

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73	Memantine for the prevention of cognitive dysfunction in patients receiving whole-brain radiotherapy: a randomized, double-blind, placebo-controlled trial. <i>Neuro-Oncology</i> , 2013, 15, 1429-1437.	0.6	746
74	Predictive Parameters of CyberKnife Fiducial-less (XSight Lung) Applicability for Treatment of Early Non-Small Cell Lung Cancer: A Single-Center Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 583-589.	0.4	73
75	Kinetics of myxoid liposarcoma radiation response and effects on radiation dose delivery. <i>Practical Radiation Oncology</i> , 2013, 3, 180-185.	1.1	0
76	FDG PET/CT in Initial Staging of Adult Soft-Tissue Sarcoma. <i>Sarcoma</i> , 2012, 2012, 1-7.	0.7	83
77	Poster - Thur Eve - 73: Prediction of risks of cardiac mortality and secondary cancers after radiotherapy for Hodgkin's lymphoma, non-Hodgkin's lymphoma, and breast cancer. <i>Medical Physics</i> , 2012, 39, 4639-4639.	1.6	0
78	Chemosensitized radiosurgery for recurrent brain metastases. <i>Journal of Neuro-Oncology</i> , 2012, 110, 265-270.	1.4	2
79	Effect of Tumor Subtype on Survival and the Graded Prognostic Assessment for Patients With Breast Cancer and Brain Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 2111-2117.	0.4	321
80	Radiosurgery to the Postoperative Surgical Cavity: Who Needs Evidence?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 486-493.	0.4	74
81	The Canadian Association of Radiation Oncology Scope of Practice Guidelines for Lung, Liver and Spine Stereotactic Body Radiotherapy. <i>Clinical Oncology</i> , 2012, 24, 629-639.	0.6	215
82	Summary Report on the Graded Prognostic Assessment: An Accurate and Facile Diagnosis-Specific Tool to Estimate Survival for Patients With Brain Metastases. <i>Journal of Clinical Oncology</i> , 2012, 30, 419-425.	0.8	1,205
83	Stereotactic Body Radiation Therapy for Liver Metastases: Single Institution Experience. <i>Cureus</i> , 2012, , .	0.2	0
84	Inter- and intra-observer variation in soft-tissue sarcoma target definition. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2011, 15, 421-425.	0.6	15
85	RTOG Sarcoma Radiation Oncologists Reach Consensus on Gross Tumor Volume and Clinical Target Volume on Computed Tomographic Images for Preoperative Radiotherapy of Primary Soft Tissue Sarcoma of Extremity in Radiation Therapy Oncology Group Studies. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, e525-e528.	0.4	78
86	Preponderance of sonic hedgehog pathway activation characterizes adult medulloblastoma. <i>Acta Neuropathologica</i> , 2011, 121, 229-239.	3.9	39
87	Robotic radiosurgery and the "œfingers of death" <i>Cureus</i> , 2011, , .	0.2	1
88	Clinical Significance of Molecular Biomarkers in Glioblastoma. <i>Canadian Journal of Neurological Sciences</i> , 2010, 37, 625-630.	0.3	42
89	Stereotactic radiosurgery in the management of brain metastases from primary thyroid cancers. <i>Journal of Neuro-Oncology</i> , 2010, 98, 249-252.	1.4	41
90	Diagnosis-Specific Prognostic Factors, Indexes, and Treatment Outcomes for Patients With Newly Diagnosed Brain Metastases: A Multi-Institutional Analysis of 4,259 Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 77, 655-661.	0.4	873

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91	Initial McGill Experience with Fluorodeoxyglucose pet/ct Staging of Soft-Tissue Sarcoma. <i>Current Oncology</i> , 2010, 17, 18-22.	0.9	16
92	Tumor Bed Radiosurgery following Resection of Brain Metastases: A Review. <i>Technology in Cancer Research and Treatment</i> , 2010, 9, 597-602.	0.8	22
93	A comparison of optic nerve dosimetry in craniospinal radiotherapy planned and treated with conventional and intensity modulated techniques. <i>Radiotherapy and Oncology</i> , 2010, 97, 387-389.	0.3	9
94	Radiological and pathological response following pre-operative radiotherapy for soft-tissue sarcoma. <i>Radiotherapy and Oncology</i> , 2010, 97, 404-407.	0.3	107
95	Low-grade oligodendroglioma: an indolent but incurable disease?. <i>Journal of Neurosurgery</i> , 2009, 111, 265-271.	0.9	33
96	Stereotactic Radiotherapy of the Liver: A Bridge to Transplantation. <i>Technology in Cancer Research and Treatment</i> , 2009, 8, 401-405.	0.8	17
97	Whole-brain radiotherapy and tumor bed radiosurgery following resection of solitary brain metastases. <i>Journal of Neuro-Oncology</i> , 2009, 95, 95-99.	1.4	41
98	Cardiac embolization of an implanted fiducial marker for hepatic stereotactic body radiotherapy: a case report. <i>Journal of Medical Case Reports</i> , 2009, 3, 140.	0.4	24
99	Cerebellar Liponeurocytoma with High Proliferation Index: Treatment Options. <i>Canadian Journal of Neurological Sciences</i> , 2009, 36, 658-661.	0.3	17
100	Utility of total body FDG PET/CT imaging in the initial staging of soft-tissue sarcoma. <i>Journal of Clinical Oncology</i> , 2009, 27, 10531-10531.	0.8	1
101	Characteristics and outcomes of medulloblastoma in adults. <i>Pediatric Blood and Cancer</i> , 2008, 51, 603-607.	0.8	45
102	Usefulness of endoscopically-placed radio-opaque clips in the localization of esophageal cancer for endoluminal brachytherapy and external beam radiation therapy. <i>Brachytherapy</i> , 2008, 7, 161.	0.2	0
103	When Temozolomide Alone Fails: Adding Procarbazine in Salvage Therapy of Glioma. <i>Canadian Journal of Neurological Sciences</i> , 2008, 35, 192-197.	0.3	7
104	Rotational total skin electron irradiation with a linear accelerator. <i>Journal of Applied Clinical Medical Physics</i> , 2008, 9, 123-134.	0.8	30
105	Fractionated Stereotactic Radiotherapy in the Treatment of Pituitary Macroadenomas. <i>Current Oncology</i> , 2008, 15, 286-292.	0.9	11
106	Does adjuvant alpha-interferon improve outcome when combined with total skin irradiation for mycosis fungoides?. <i>British Journal of Dermatology</i> , 2007, 156, 57-61.	1.4	26
107	Effects of neurosurgical titanium mesh on radiation dose. <i>Medical Dosimetry</i> , 2006, 31, 298-301.	0.4	9
108	Waldenstrom's macroglobulinemia presenting with spinal cord compression: A case report. <i>American Journal of Hematology</i> , 2006, 81, 955-958.	2.0	6



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109	Killing Two Birds with One Stone: A Dosimetric Study of Dual Target Radiosurgery Using a Single Isocenter. <i>Technology in Cancer Research and Treatment</i> , 2006, 5, 613-617.	0.8	10
110	Hypofractionated Stereotactic Radiotherapy for Low Grade Glioma at McGill University: Long-term Follow-up. <i>Technology in Cancer Research and Treatment</i> , 2006, 5, 1-8.	0.8	18
111	Intracranial germinoma: On whole-ventricular irradiation. <i>Pediatric Blood and Cancer</i> , 2005, 44, 358-362.	0.8	29
112	Treating the Contents and Not the Container: Dosimetric Study of Hair-sparing Whole Brain Intensity Modulated Radiation Therapy. <i>Technology in Cancer Research and Treatment</i> , 2005, 4, 567-570.	0.8	37
113	Treatment of medium-sized juxtapapillary melanoma with external Co-60 photon therapy. <i>Radiotherapy and Oncology</i> , 2005, 74, 71-73.	0.3	5
114	Safety of a simple asymmetric jaw technique in the treatment of head and neck cancer. <i>Radiotherapy and Oncology</i> , 2003, 68, 149-152.	0.3	1
115	Stereotactic Radiosurgery in the Management of Intracranial Gliomas. <i>Technology in Cancer Research and Treatment</i> , 2003, 2, 117-125.	0.8	21
116	Testicular seminoma and Down's syndrome. <i>Canadian Journal of Urology</i> , 2001, 8, 1203-6.	0.0	10