

Alan McVey Nichol

List of Publications by Year in descending order

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93
papers

3,010
citations

159585

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175258

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#	ARTICLE	IF	CITATIONS
1	Interim Cosmetic and Toxicity Results From RAPID: A Randomized Trial of Accelerated Partial Breast Irradiation Using Three-Dimensional Conformal External Beam Radiation Therapy. <i>Journal of Clinical Oncology</i> , 2013, 31, 4038-4045.	1.6	361
2	External beam accelerated partial breast irradiation versus whole breast irradiation after breast conserving surgery in women with ductal carcinoma in situ and node-negative breast cancer (RAPID): a randomised controlled trial. <i>Lancet, The</i> , 2019, 394, 2165-2172.	13.7	279
3	A magnetic resonance imaging study of prostate deformation relative to implanted gold fiducial markers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 67, 48-56.	0.8	160
4	Assessment of a Model-Based Deformable Image Registration Approach for Radiation Therapy Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 572-580.	0.8	133
5	A Comparison of Volumetric Modulated Arc Therapy and Conventional Intensity-Modulated Radiotherapy for Frontal and Temporal High-Grade Gliomas. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 1177-1184.	0.8	123
6	Whole Brain Radiotherapy With Hippocampal Avoidance and Simultaneous Integrated Boost for 1-3 Brain Metastases: A Feasibility Study Using Volumetric Modulated Arc Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 76, 1480-1485.	0.8	104
7	EGFR mutation status on brain metastases from non-small cell lung cancer. <i>Lung Cancer</i> , 2016, 96, 101-107.	2.0	98
8	Intervals Longer Than 20 Weeks From Breast-Conserving Surgery to Radiation Therapy Are Associated With Inferior Outcome for Women With Early-Stage Breast Cancer Who Are Not Receiving Chemotherapy. <i>Journal of Clinical Oncology</i> , 2009, 27, 16-23.	1.6	90
9	Consistency in seroma contouring for partial breast radiotherapy: Impact of guidelines. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 372-376.	0.8	87
10	Predictors of Adverse Cosmetic Outcome in the RAPID Trial: An Exploratory Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 968-976.	0.8	76
11	Long-Term Outcomes and Complications in Patients With Craniopharyngioma: The British Columbia Cancer Agency Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 1011-1018.	0.8	72
12	Variable dose interplay effects across radiosurgical apparatus in treating multiple brain metastases. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2014, 9, 1079-1086.	2.8	65
13	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, 1072-1078.	0.8	52
14	Optimal treatment of intermediate-risk prostate carcinoma with radiotherapy. <i>Cancer</i> , 2005, 104, 891-905.	4.1	51
15	LINAC based stereotactic radiosurgery for multiple brain metastases: guidance for clinical implementation. <i>Acta Oncologica</i> , 2019, 58, 1275-1282.	1.8	50
16	Three-Year Outcomes of a Canadian Multicenter Study of Accelerated Partial Breast Irradiation Using Conformal Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 1220-1227.	0.8	49
17	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.	0.6	47
18	Role of Fractionated External Beam Radiotherapy in Hemangioblastoma of the Central Nervous System. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 69, 1521-1526.	0.8	46

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19	Accuracy and sensitivity of finite element modelâ€based deformable registration of the prostate. <i>Medical Physics</i> , 2008, 35, 4019-4025.	3.0	45
20	The Impact of Hypofractionated Whole Breast Radiotherapy on Local Relapse in Patients With Grade 3 Early Breast Cancer: A Population-Based Cohort Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 82, 2086-2092.	0.8	45
21	Coplanar versus noncoplanar intensityâ€modulated radiation therapy (IMRT) and volumetricâ€modulated arc therapy (VMAT) treatment planning for frontoâ€temporal highâ€grade glioma. <i>Journal of Applied Clinical Medical Physics</i> , 2012, 13, 44-53.	1.9	44
22	4D VMAT, gated VMAT, and 3D VMAT for stereotactic body radiation therapy in lung. <i>Physics in Medicine and Biology</i> , 2013, 58, 749-770.	3.0	39
23	Outcomes in Patients Treated With Mastectomy for Ductal Carcinoma In Situ. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 85, e129-e134.	0.8	39
24	High-Grade Glioma Radiation Therapy Target Volumes and Patterns of Failure Obtained From Magnetic Resonance Imaging and 18F-FDOPA Positron Emission Tomography Delineations From Multiple Observers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 1100-1106.	0.8	37
25	Volumetric Radiosurgery for 1 to 10 Brain Metastases: A Multicenter, Single-Arm, Phase 2 Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 312-321.	0.8	37
26	Miliary metastases are associated with epidermal growth factor receptor mutations in non-small cell lung cancer: a population-based study. <i>Acta Oncologica</i> , 2017, 56, 1175-1180.	1.8	37
27	A Case-Match Study Comparing Unilateral With Synchronous Bilateral Breast Cancer Outcomes. <i>Journal of Clinical Oncology</i> , 2011, 29, 4763-4768.	1.6	33
28	Cardiac death after breast radiotherapy and the QUANTEC cardiac guidelines. <i>Clinical and Translational Radiation Oncology</i> , 2019, 19, 39-45.	1.7	33
29	Direct aperture optimization for online adaptive radiation therapy. <i>Medical Physics</i> , 2007, 34, 1631-1646.	3.0	30
30	Long-Term Outcomes of Fractionated Stereotactic Radiation Therapy for Pituitary Adenomas at the BC Cancer Agency. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 528-533.	0.8	30
31	Effect of Community Population Size on Breast Cancer Screening, Stage Distribution, Treatment Use and Outcomes. <i>Canadian Journal of Public Health</i> , 2012, 103, 46-52.	2.3	27
32	A Cross-Sectional Cohort Study of Cerebrovascular Disease and Late Effects After Radiation Therapy for Craniopharyngioma. <i>Pediatric Blood and Cancer</i> , 2016, 63, 786-793.	1.5	27
33	The Use of Hormone Therapy Alone Versus Hormone Therapy and Radiation Therapy for Breast Cancer in Elderly Women: A Population-Based Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 829-839.	0.8	26
34	The use of bolus in postmastectomy radiation therapy for breast cancer: A systematic review. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 163, 103391.	4.4	24
35	Outcomes of Node-Negative Breast Cancer 5 Centimeters and Larger Treated With and Without Postmastectomy Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 758-764.	0.8	23
36	Visual Outcomes and Local Control After Fractionated Stereotactic Radiotherapy for Optic Nerve Sheath Meningioma. <i>Ophthalmic Plastic and Reconstructive Surgery</i> , 2018, 34, 217-221.	0.8	23

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37	A Delphi study and International Consensus Recommendations: The use of bolus in the setting of postmastectomy radiation therapy for early breast cancer. <i>Radiotherapy and Oncology</i> , 2021, 164, 115-121.	0.6	22
38	Stage, treatment and outcomes for patients with breast cancer in British Columbia in 2002: a population-based cohort study. <i>CMAJ Open</i> , 2013, 1, E134-E141.	2.4	21
39	Adjuvant Hypofractionated Versus Conventional Whole Breast Radiation Therapy for Early-Stage Breast Cancer: Long-Term Hospital-Related Morbidity From Cardiac Causes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 88, 786-792.	0.8	21
40	Long-term mortality from cardiac causes after adjuvant hypofractionated vs. conventional radiotherapy for localized left-sided breast cancer. <i>Radiotherapy and Oncology</i> , 2015, 114, 73-78.	0.6	21
41	The Effect of Bolus on Local Control for Patients Treated With Mastectomy and Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 1360-1369.	0.8	21
42	Population-based outcomes after whole brain radiotherapy and re-irradiation in patients with metastatic breast cancer in the trastuzumab era. <i>Radiation Oncology</i> , 2011, 6, 181.	2.7	19
43	Provincial development of a patient-reported outcome initiative to guide patient care, quality improvement, and research. <i>Healthcare Management Forum</i> , 2018, 31, 13-17.	1.4	19
44	Population-based outcomes after brain radiotherapy in patients with brain metastases from breast cancer in the Pre-Trastuzumab and Trastuzumab eras. <i>Radiation Oncology</i> , 2013, 8, 12.	2.7	18
45	Population-Based Study of Stereotactic Radiosurgery or Fractionated Stereotactic Radiation Therapy for Vestibular Schwannoma: Long-Term Outcomes and Toxicities. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 443-451.	0.8	17
46	Sentinel Node Biopsy Should Not be Routine in Older Patients with ER-Positive HER2-Negative Breast Cancer Who Are Willing and Able to Take Hormone Therapy. <i>Annals of Surgical Oncology</i> , 2021, 28, 5950-5957.	1.5	17
47	Quantification of masticatory muscle atrophy after high-dose radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2003, 56, 1170-1179.	0.8	15
48	Population-based analysis of the impact and generalizability of the NSABP-B24 study on endocrine therapy for patients with ductal carcinoma in situ of the breast. <i>Annals of Oncology</i> , 2015, 26, 1898-1903.	1.2	15
49	A phase II study of whole brain radiotherapy with simultaneous integrated boost using volumetric modulated arc therapy for 1 to 10 brain metastases.. <i>Journal of Clinical Oncology</i> , 2014, 32, 2078-2078.	1.6	15
50	An anthropomorphic phantom study of visualisation of surgical clips for partial breast irradiation (PBI) setup verification. <i>Radiotherapy and Oncology</i> , 2009, 90, 56-59.	0.6	13
51	The Future Is Nowâ€”Prospective Study of Radiosurgery for More Than 4 Brain Metastases to Start in 2018!. <i>Frontiers in Oncology</i> , 2018, 8, 380.	2.8	13
52	Hypofractionated Adjuvant Radiation Therapy Is Effective for Patients With Lymph Nodeâ€”Positive Breast Cancer: A Population-Based Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 1150-1158.	0.8	13
53	Integration of on-line imaging, plan adaptation and radiation delivery: proof of concept using digital tomography. <i>Physics in Medicine and Biology</i> , 2009, 54, 3803-3819.	3.0	12
54	PET/CT of breast cancer regional nodal recurrences: an evaluation of contouring atlases. <i>Radiation Oncology</i> , 2020, 15, 136.	2.7	12

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55	Population-based outcomes of boost versus salvage radiosurgery for brain metastases after whole brain radiotherapy. <i>Radiotherapy and Oncology</i> , 2013, 108, 128-131.	0.6	11
56	Breast Cancer Molecular Subtype as a Predictor of Radiation Therapy Fractionation Sensitivity. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 281-287.	0.8	11
57	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.	0.8	10
58	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, 608-616.	0.8	10
59	Close Margins Less Than 2Âmm Are Not Associated With Higher Risks of 10-Year Local Recurrence and Breast Cancer Mortality Compared With Negative Margins in Women Treated With Breast-Conserving Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 661-670.	0.8	10
60	Dose-painted volumetric modulated arc therapy of high-grade glioma using 3,4-dihydroxy-6- ¹⁸ F-fluoro-L-phenylalanine positron emission tomography. <i>British Journal of Radiology</i> , 2019, 92, 20180901.	2.2	10
61	Analysis of treatment parameters for conformal shaped field stereotactic irradiation: comparison with non-coplanar arcs. <i>Physics in Medicine and Biology</i> , 2001, 46, 3089-3103.	3.0	9
62	Whole Brain Radiotherapy Versus Stereotactic Radiosurgery in Poor-Prognosis Patients with One to 10 Brain Metastases: A Randomised Feasibility Study. <i>Clinical Oncology</i> , 2020, 32, 442-451.	1.4	9
63	Impact of TAILORx on chemotherapy prescribing and 21â€gene recurrence scoreâ€guided treatment costs in a populationâ€based cohort of patients with breast cancer. <i>Cancer</i> , 2022, 128, 665-674.	4.1	8
64	Severe Late Toxicity After Adjuvant Breast Radiotherapy in a Patient with a Germline Ataxia Telangiectasia Mutated Gene: Future Treatment Decisions. <i>Cureus</i> , 2017, 9, e1458.	0.5	7
65	A multiâ€institutional prediction model to estimate the risk of recurrence and mortality after mastectomy for $T1â€N1$ breast cancer. <i>Cancer</i> , 2022, 128, 3057-3066.	4.1	7
66	Intra-prostatic Fiducial Markers and Concurrent Androgen Deprivation. <i>Clinical Oncology</i> , 2005, 17, 465-468.	1.4	6
67	Local Relapse After Breast-Conserving Therapy Versus Mastectomy for Extensive Pure Ductal Carcinoma In Situ ≥ 4 cm. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 381-388.	0.8	6
68	Patients with pretreatment leukoencephalopathy and older patients have more cognitive decline after whole brain radiotherapy. <i>Radiation Oncology</i> , 2020, 15, 271.	2.7	6
69	Stereotactic Radiosurgery for Metastases in Eloquent Central Brain Locations. <i>Canadian Journal of Neurological Sciences</i> , 2015, 42, 333-337.	0.5	5
70	Signed family physician reminder letters to women overdue for screening mammography: A randomized clinical trial. <i>Journal of Medical Screening</i> , 2018, 25, 149-154.	2.3	5
71	The incidence of symptomatic brain metastases from extra-pulmonary small cell carcinoma: Is there a role for prophylactic cranial irradiation in a clinically relevant population cohort?. <i>Radiotherapy and Oncology</i> , 2017, 124, 31-37.	0.6	4
72	In the Era After the European Organisation for Research and Treatment of Cancer â€Boostâ€™ Study, is the Additional Radiotherapy to the Breast Tumour Bed Still Beneficial for Young Women?. <i>Clinical Oncology</i> , 2020, 32, 373-381.	1.4	4

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73	Type and timing of systemic therapy use predict overall survival for patients with brain metastases treated with radiation therapy. <i>Journal of Neuro-Oncology</i> , 2021, 151, 231-240.	2.9	4
74	Reduction in Doses to Organs at Risk and Normal Tissue During Breast Radiation Therapy With a Carbon-Fiber Adjustable Reusable Accessory. <i>Practical Radiation Oncology</i> , 2021, 11, 470-479.	2.1	4
75	The impact of new systemic therapies on survival and time on hormonal treatment in hormone receptor- α positive, human epidermal growth factor receptor 2 α -negative metastatic breast cancer: A population-based study in British Columbia from 2003 to 2013. <i>Cancer</i> , 2020, 126, 971-977.	4.1	3
76	Do surgeons convey all the details? A provincial assessment of operative reporting for breast cancer. <i>American Journal of Surgery</i> , 2020, 219, 780-784.	1.8	3
77	Survival and Recurrence Outcomes Following Adjuvant Radiotherapy for Grade 2 Intracranial Meningiomas: 13-Year Experience in a Tertiary-Care Center. <i>World Neurosurgery</i> , 2022, , .	1.3	3
78	Large-scale DNA organization is a prognostic marker of breast cancer survival. <i>Medical Oncology</i> , 2018, 35, 9.	2.5	2
79	Interhemispheric Difference Images from Postoperative Diffusion Tensor Imaging of Gliomas. <i>Cureus</i> , 2016, 8, e817.	0.5	2
80	(S002) Population-Based Analysis of the Effect of Margin Status on 10-Year Local Recurrence and Breast Cancer-Specific Survival in Women Treated With Breast-Conserving Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, E1.	0.8	1
81	ASO Visual Abstract: Sentinel Node Biopsy Should Not Be Routine in Older Patients with ER-Positive HER2-Negative Breast Cancer Who Are Willing and Able to Take Hormone Therapy. <i>Annals of Surgical Oncology</i> , 2021, 28, 418-419.	1.5	1
82	Breast Tangent Beam Energy, Surgical Bed-to-Skin Distance and Local Recurrence After Breast-Conserving Treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 671-680.	0.8	1
83	Does the extent of therapy differ between breast cancers detected by screening mammogram and non-screening methods?. <i>Journal of Clinical Oncology</i> , 2017, 35, 1544-1544.	1.6	1
84	Association Between Regional Nodal Irradiation and Breast Cancer Recurrence-Free Interval for Patients With Low-Risk, Node-Positive Breast Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 861-869.	0.8	1
85	ASO Author Reflections: Selective Nodal Staging and De-escalating Adjuvant Therapy. <i>Annals of Surgical Oncology</i> , 2021, 28, 5958-5959.	1.5	0
86	In Reply to Bajaj and Das. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 1543-1544.	0.8	0
87	Do women younger than 40 treated in the hormone-therapy era benefit from a radiotherapy boost as a part of adjuvant breast radiotherapy?. <i>Journal of Clinical Oncology</i> , 2014, 32, 72-72.	1.6	0
88	Outcomes of chemotherapy/trastuzumab treated locally advanced HER2+ breast cancer in British Columbia between 2005 and 2010.. <i>Journal of Clinical Oncology</i> , 2016, 34, e12079-e12079.	1.6	0
89	Comparison of triple negative (TN) and HER2 positive (HER2+) invasive lobular carcinomas (ILCs) to a matched cohort of invasive ductal carcinomas.. <i>Journal of Clinical Oncology</i> , 2018, 36, e13088-e13088.	1.6	0
90	Comparative efficacy of neoadjuvant to adjuvant chemotherapy for the treatment of early-stage HER2 negative breast cancer: A population-based analysis.. <i>Journal of Clinical Oncology</i> , 2019, 37, e12100-e12100.	1.6	0

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91	Abstract P3-08-04: Impact of ER-positivity on time and pattern of relapse in early-stage breast cancer patients. , 2020, , .		0
92	General Techniques for Radiosurgery. , 2020, , 231-247.		0
93	pNO(i+) and pN1mi Breast Cancer: Treatment and Outcomes in Comparison to pNO and pN1a in the Modern Era. International Journal of Radiation Oncology Biology Physics, 2022, , .	0.8	0