

Geoff P Delaney

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.

102
papers

3,011
citations

22
h-index

53
g-index

113
ext. papers

3,744
ext. citations

3.1
avg, IF

4.98
L-index

#	Paper	IF	Citations
102	The role of radiotherapy in cancer treatment: estimating optimal utilization from a review of evidence-based clinical guidelines. <i>Cancer</i> , 2005 , 104, 1129-37	6.4	917
101	Estimating the demand for radiotherapy from the evidence: a review of changes from 2003 to 2012. <i>Radiotherapy and Oncology</i> , 2014 , 112, 140-4	5.3	253
100	Prediction of local recurrence, distant metastases, and death after breast-conserving therapy in early-stage invasive breast cancer using a five-biomarker panel. <i>Journal of Clinical Oncology</i> , 2009 , 27, 4701-8	2.2	253
99	A Standard Set of Value-Based Patient-Centered Outcomes for Breast Cancer: The International Consortium for Health Outcomes Measurement (ICHOM) Initiative. <i>JAMA Oncology</i> , 2017 , 3, 677-685	13.4	111
98	A model for decision making for the use of radiotherapy in lung cancer. <i>Lancet Oncology</i> , 2003 , 4, 120-8	21.7	88
97	Do variations in hospital mortality patterns after weekend admission reflect reduced quality of care or different patient cohorts? A population-based study. <i>BMJ Quality and Safety</i> , 2014 , 23, 215-22	5.4	86
96	Gaps in optimal care for lung cancer. <i>Journal of Thoracic Oncology</i> , 2008 , 3, 871-9	8.9	65
95	Estimation of an optimal radiotherapy utilization rate for breast carcinoma: a review of the evidence. <i>Cancer</i> , 2003 , 98, 1977-86	6.4	58
94	eHealth System for Collecting and Utilizing Patient Reported Outcome Measures for Personalized Treatment and Care (PROMPT-Care) Among Cancer Patients: Mixed Methods Approach to Evaluate Feasibility and Acceptability. <i>Journal of Medical Internet Research</i> , 2017 , 19, e330	7.6	50
93	Why do some lung cancer patients receive no anticancer treatment?. <i>Journal of Thoracic Oncology</i> , 2010 , 5, 1025-32	8.9	46
92	The impact of breast cosmetic and functional outcomes on quality of life: long-term results from the St. George and Wollongong randomized breast boost trial. <i>Breast Cancer Research and Treatment</i> , 2013 , 139, 115-23	4.4	45
91	Do multidisciplinary meetings follow guideline-based care?. <i>Journal of Oncology Practice</i> , 2010 , 6, 276-81	3.1	45
90	Estimation of an optimal radiotherapy utilization rate for gynecologic carcinoma: part I—malignancies of the cervix, ovary, vagina and vulva. <i>Cancer</i> , 2004 , 101, 671-81	6.4	39
89	Estimation of an optimal radiotherapy utilization rate for melanoma: a review of the evidence. <i>Cancer</i> , 2004 , 100, 1293-301	6.4	36
88	Subclinical cardiac dysfunction detected by strain imaging during breast irradiation with persistent changes 6 weeks after treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015 , 92, 268-76	4	33
87	Rapid learning in practice: a lung cancer survival decision support system in routine patient care data. <i>Radiotherapy and Oncology</i> , 2014 , 113, 47-53	5.3	32
86	Estimating the optimal external-beam radiotherapy utilization rate for genitourinary malignancies. <i>Cancer</i> , 2005 , 103, 462-73	6.4	31

85	Estimation of an optimal external beam radiotherapy utilization rate for head and neck carcinoma. <i>Cancer</i> , 2005 , 103, 2216-27	6.4	30
84	Estimation of an optimal radiotherapy utilization rate for gynecologic carcinoma: part II--carcinoma of the endometrium. <i>Cancer</i> , 2004 , 101, 682-92	6.4	29
83	Strain Imaging Detects Dose-Dependent Segmental Cardiac Dysfunction in the Acute Phase After Breast Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 99, 182-190	4	27
82	The effect of travel distance on radiotherapy utilization in NSW and ACT. <i>Radiotherapy and Oncology</i> , 2015 , 117, 386-9	5.3	27
81	Fluorine-18 FDG dual-head gamma camera coincidence imaging of radiation pneumonitis. <i>Clinical Nuclear Medicine</i> , 2000 , 25, 866-9	1.7	23
80	Feasibility of multi-atlas cardiac segmentation from thoracic planning CT in a probabilistic framework. <i>Physics in Medicine and Biology</i> , 2019 , 64, 085006	3.8	22
79	The Pattern of Use of Hypofractionated Radiation Therapy for Early-Stage Breast Cancer in New South Wales, Australia, 2008 to 2012. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, 266-272	4	22
78	Estimation of an optimal radiotherapy utilization rate for gastrointestinal carcinoma: a review of the evidence. <i>Cancer</i> , 2004 , 101, 657-70	6.4	22
77	Comparison of setup accuracy of three different image assessment methods for tangential breast radiotherapy. <i>Journal of Medical Radiation Sciences</i> , 2016 , 63, 224-231	1.5	21
76	Integrative oncology and complementary medicine cancer services in Australia: findings from a national cross-sectional survey. <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 289	4.7	21
75	Evidence-based optimal number of radiotherapy fractions for cancer: A useful tool to estimate radiotherapy demand. <i>Radiotherapy and Oncology</i> , 2016 , 119, 145-9	5.3	20
74	A decade of investment in radiotherapy in New South Wales: why does the gap between optimal and actual persist?. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2011 , 55, 433-41	1.7	20
73	Waiting times for radiotherapy--a survey of patients' attitudes. <i>Radiotherapy and Oncology</i> , 2004 , 70, 283-9	5.3	20
72	An evidence-based estimation of local control and survival benefit of radiotherapy for breast cancer. <i>Radiotherapy and Oncology</i> , 2007 , 84, 11-7	5.3	19
71	Estimation of the optimal brachytherapy utilization rate in the treatment of carcinoma of the uterine cervix: review of clinical practice guidelines and primary evidence. <i>Cancer</i> , 2006 , 107, 2932-41	6.4	16
70	MRI geometric distortion: Impact on tangential whole-breast IMRT. <i>Journal of Applied Clinical Medical Physics</i> , 2016 , 17, 7-19	2.3	16
69	Persistent reduction in global longitudinal strain in the longer term after radiation therapy in patients with breast cancer. <i>Radiotherapy and Oncology</i> , 2019 , 132, 148-154	5.3	16
68	Quality of life after breast-conserving therapy and adjuvant radiotherapy for non-low-risk ductal carcinoma in situ (BIG 3-07/TROG 07.01): 2-year results of a randomised, controlled, phase 3 trial. <i>Lancet Oncology</i> , 2020 , 21, 685-698	21.7	15

67	Australian survey on current practices for breast radiotherapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2015 , 59, 736-42	1.7	15
66	An assessment of the number of CT slices necessary to plan breast radiotherapy. <i>Radiotherapy and Oncology</i> , 1999 , 52, 179-83	5.3	15
65	Web-Based Patient-Reported Outcome Measures for Personalized Treatment and Care (PROMPT-Care): Multicenter Pragmatic Nonrandomized Trial. <i>Journal of Medical Internet Research</i> , 2020 , 22, e19685	7.6	15
64	A review of setup error in supine breast radiotherapy using cone-beam computed tomography. <i>Medical Dosimetry</i> , 2016 , 41, 225-9	1.3	15
63	Socio-economic status and patterns of care in lung cancer. <i>Australian and New Zealand Journal of Public Health</i> , 2005 , 29, 372-7	2.3	14
62	Breast radiotherapy: an Australasian survey of current treatment techniques. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2001 , 45, 170-8		14
61	What are the attitudes of health professionals regarding patient reported outcome measures (PROMs) in oncology practice? A mixed-method synthesis of the qualitative evidence. <i>BMC Health Services Research</i> , 2020 , 20, 102	2.9	14
60	Development and Feasibility Testing of PROMPT-Care, an eHealth System for Collection and Use of Patient-Reported Outcome Measures for Personalized Treatment and Care: A Study Protocol. <i>JMIR Research Protocols</i> , 2016 , 5, e227	2	14
59	Australian integrative oncology services: a mixed-method study exploring the views of cancer survivors. <i>BMC Complementary and Alternative Medicine</i> , 2018 , 18, 153	4.7	13
58	Estimating the optimal utilization rates of radiotherapy for hematologic malignancies from a review of the evidence: part I-lymphoma. <i>Cancer</i> , 2005 , 103, 383-92	6.4	13
57	Comparison of Magnetic Resonance Imaging and Computed Tomography for Breast Target Volume Delineation in Prone and Supine Positions. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016 , 96, 905-912	4	13
56	Study protocol for a controlled trial of an eHealth system utilising patient reported outcome measures for personalised treatment and care: PROMPT-Care 2.0. <i>BMC Cancer</i> , 2018 , 18, 845	4.8	13
55	Patterns of care study of brachytherapy in New South Wales: cervical cancer treatment quality depends on caseload. <i>Journal of Contemporary Brachytherapy</i> , 2014 , 6, 28-32	1.9	11
54	An Australasian assessment of the basic treatment equivalent model derived from New South Wales data. <i>Journal of Medical Imaging and Radiation Oncology</i> , 1999 , 43, 500-6		11
53	Refinement of the basic treatment equivalent model to reflect radiotherapy treatment throughput using Australasian data. <i>Journal of Medical Imaging and Radiation Oncology</i> , 1999 , 43, 507-13		11
52	Interpreting and Acting on the PRO Scores From the Patient-reported Outcomes for Personalized Treatment and Care (PROMPT-Care) eHealth System. <i>Medical Care</i> , 2019 , 57 Suppl 5 Suppl 1, S85-S91	3.1	11
51	Establishing treatment benchmarks for mammography-screened breast cancer population based on a review of evidence-based clinical guidelines. <i>Cancer</i> , 2008 , 112, 1912-22	6.4	10
50	Estimating the optimal radiotherapy utilization for carcinoma of the central nervous system, thyroid carcinoma, and carcinoma of unknown primary origin from evidence-based clinical guidelines. <i>Cancer</i> , 2006 , 106, 453-65	6.4	10

49	Assessment of MRI image quality for various setup positions used in breast radiotherapy planning. <i>Radiotherapy and Oncology</i> , 2016 , 119, 57-60	5.3	10
48	Impact of radiotherapy underutilisation measured by survival shortfall, years of potential life lost and disability-adjusted life years lost in New South Wales, Australia. <i>Radiotherapy and Oncology</i> , 2018 , 129, 191-195	5.3	9
47	Development of Health Pathways to Standardize Cancer Care Pathways Informed by Patient-Reported Outcomes and Clinical Practice Guidelines. <i>JCO Clinical Cancer Informatics</i> , 2018 , 2, 1-13	5.2	9
46	Radiation dose and contralateral breast cancer risk associated with megavoltage cone-beam computed tomographic image verification in breast radiation therapy. <i>Practical Radiation Oncology</i> , 2013 , 3, 93-100	2.8	8
45	The development of a model of outpatient chemotherapy delivery--chemotherapy basic treatment equivalent (CBTE). <i>Clinical Oncology</i> , 2002 , 14, 406-12	2.8	8
44	Herbal Medicine for Hot Flushes Induced by Endocrine Therapy in Women with Breast Cancer: A Systematic Review and Meta-Analysis. <i>Evidence-based Complementary and Alternative Medicine</i> , 2016 , 2016, 1327251	2.3	8
43	Coverage of cancer services in Australia and providers' views on service gaps: findings from a national cross-sectional survey. <i>BMC Cancer</i> , 2019 , 19, 570	4.8	7
42	Optimal uptake rates for initial treatments for cervical cancer in concordance with guidelines in Australia and Canada: Results from two large cancer facilities. <i>Cancer Epidemiology</i> , 2015 , 39, 600-11	2.8	7
41	Radiotherapy underutilisation and its impact on local control and survival in New South Wales, Australia. <i>Radiotherapy and Oncology</i> , 2019 , 141, 41-47	5.3	7
40	Primary central nervous system lymphoma and subcutaneous metastases. <i>Journal of Neuro-Oncology</i> , 2000 , 47, 141-4	4.8	7
39	Estimation of the optimal number of radiotherapy fractions for breast cancer: A review of the evidence. <i>Radiotherapy and Oncology</i> , 2015 , 116, 174-8	5.3	6
38	Estimation of the optimal utilisation rates of radical prostatectomy, external beam radiotherapy and brachytherapy in the treatment of prostate cancer by a review of clinical practice guidelines. <i>Radiotherapy and Oncology</i> , 2016 , 118, 118-21	5.3	6
37	Support of large breasts during tangential irradiation using a micro-shell and minimizing the skin dose--a pilot study. <i>Medical Dosimetry</i> , 2005 , 30, 31-5	1.3	6
36	Risks and benefits of reducing target volume margins in breast tangent radiotherapy. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2017 , 40, 305-315	1.9	5
35	The impact of imaging modality (CT vs MRI) and patient position (supine vs prone) on tangential whole breast radiation therapy planning. <i>Practical Radiation Oncology</i> , 2018 , 8, e87-e97	2.8	5
34	Guidance for establishing an integrative oncology service in the Australian healthcare setting-a discussion paper. <i>Supportive Care in Cancer</i> , 2018 , 26, 471-481	3.9	5
33	A comparison of systemic breast cancer therapy utilization in Canada (British Columbia), Scotland (Dundee), and Australia (Western Australia) with models of "optimal" therapy. <i>Breast</i> , 2012 , 21, 562-9	3.6	5
32	Imaging dose in breast radiotherapy: does breast size affect the dose to the organs at risk and the risk of secondary cancer to the contralateral breast?. <i>Journal of Medical Radiation Sciences</i> , 2015 , 62, 32-9	1.5	5

31	Chemotherapy in rectal cancer: variation in utilization and development of an evidence-based benchmark rate of optimal chemotherapy utilization. <i>Clinical Colorectal Cancer</i> , 2011 , 10, 102-7	3.8	5
30	Outcomes of ethnic minority groups with node-positive, non-metastatic breast cancer in two tertiary referral centers in Sydney, Australia. <i>PLoS ONE</i> , 2014 , 9, e95852	3.7	5
29	Analysis of cardiac substructure dose in a large, multi-centre danish breast cancer cohort (the DBCG HYPO trial): Trends and predictive modelling. <i>Radiotherapy and Oncology</i> , 2020 , 153, 130-138	5.3	5
28	Patterns of use of palliative radiotherapy fractionation for bone metastases and 30-day mortality. <i>Radiotherapy and Oncology</i> , 2021 , 154, 299-305	5.3	5
27	Estimating the cost of radiotherapy for 5-year local control and overall survival benefit. <i>Radiotherapy and Oncology</i> , 2019 , 136, 154-160	5.3	4
26	The impact of a radiologist-led workshop on MRI target volume delineation for radiotherapy. <i>Journal of Medical Radiation Sciences</i> , 2018 , 65, 300-310	1.5	4
25	Variation in the use of radiotherapy fractionation for breast cancer: Survival outcome and cost implications. <i>Radiotherapy and Oncology</i> , 2020 , 152, 70-77	5.3	4
24	Clinicians Attitudes to oncology clinical practice guidelines and the barriers and facilitators to adherence: a mixed methods study protocol. <i>BMJ Open</i> , 2020 , 10, e035448	3	3
23	Patterns of care study of brachytherapy in New South Wales: malignancies of the uterine corpus. <i>Journal of Contemporary Brachytherapy</i> , 2015 , 7, 224-30	1.9	3
22	Prostate brachytherapy in New South Wales: patterns of care study and impact of caseload on treatment quality. <i>Journal of Contemporary Brachytherapy</i> , 2015 , 6, 344-9	1.9	3
21	Estimation of an evidence-based benchmark for the optimal endocrine therapy utilization rate in breast cancer. <i>Breast</i> , 2010 , 19, 345-9	3.6	3
20	Comparison of kilovoltage x-ray and electron beam dose distributions for radiotherapy of the sternum. <i>Medical Dosimetry</i> , 1999 , 24, 141-4	1.3	3
19	Hypofractionated versus conventionally fractionated radiotherapy for ductal carcinoma in situ (DCIS) of the breast. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016 , 60, 407-13	1.7	3
18	International comparison of cosmetic outcomes of breast conserving surgery and radiation therapy for women with ductal carcinoma in situ of the breast. <i>Radiotherapy and Oncology</i> , 2020 , 142, 180-185	5.3	3
17	Segmental Cardiac Radiation Dose Determines Magnitude of Regional Cardiac Dysfunction. <i>Journal of the American Heart Association</i> , 2021 , 10, e019476	6	3
16	Implementation of the Australian Computer-Assisted Theragnostics (AusCAT) network for radiation oncology data extraction, reporting and distributed learning. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2021 , 65, 627-636	1.7	3
15	Variations in breast cancer histology and treatment patterns between the major ethnic groups of South West Sydney. <i>Breast Journal</i> , 2018 , 24, 615-619	1.2	2
14	Estimation of an optimal chemotherapy utilisation rate for upper gastrointestinal cancers: setting an evidence-based benchmark for the best-quality cancer care. <i>Gastroenterology Research and Practice</i> , 2015 , 2015, 753480	2	2

13	Recent advances in the use of radiotherapy to treat early breast cancer. <i>Current Opinion in Obstetrics and Gynecology</i> , 2005 , 17, 27-33	2.4	2
12	How Do We Work as Researchers in the Real World? Mapping the Trajectory of Methodological Decision Making in Health Services Research. <i>International Journal of Qualitative Methods, The</i> , 2020 , 19, 160940692091367	3.3	2
11	Clinical trials knowledge and attitudes of Vietnamese- and Anglo-Australian cancer patients: A cross-sectional study. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2020 , 16, e242-e251	1.9	2
10	Patterns of palliative radiotherapy fractionation for brain metastases patients in New South Wales, Australia. <i>Radiotherapy and Oncology</i> , 2021 , 156, 174-180	5.3	2
9	Barriers and Facilitators to Integrative Oncology Services in Australia: A Changed Mind Set Required. <i>Journal of Alternative and Complementary Medicine</i> , 2021 , 27, S89-S98	2.4	2
8	Phase III non-randomized controlled trial of PROMPT-Care, an eHealth intervention utilizing patient reported outcomes in routine clinical care: Impact on emergency department presentations.. <i>Journal of Clinical Oncology</i> , 2019 , 37, 6510-6510	2.2	1
7	Factors affecting radiotherapy utilisation in geriatric oncology patients in NSW, Australia. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2020 , 16, 17-23	1.9	1
6	Quality management in radiation therapy: A 15 year review of incident reporting in two integrated cancer centres. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2020 , 14, 15-20	1.9	1
5	Hospital policies on complementary medicine: a cross-sectional survey of Australian cancer services. <i>Medical Journal of Australia</i> , 2020 , 213, 474-475	4	1
4	The effect of imaging modality (magnetic resonance imaging vs. computed tomography) and patient position (supine vs. prone) on target and organ at risk doses in partial breast irradiation. <i>Journal of Medical Radiation Sciences</i> , 2021 , 68, 157-166	1.5	1
3	Validation of a new open-source method for automatic delineation and dose assessment of the heart and LADCA in breast radiotherapy with simultaneous uncertainty estimation. <i>Physics in Medicine and Biology</i> , 2021 , 66, 035014	3.8	1
2	Acupuncture for Cancer Related Pain: Protocol for a Pragmatic Randomised Wait-List Controlled Trial. <i>Integrative Cancer Therapies</i> , 2020 , 19, 1534735420976579	3	0
1	Assessment of dose variation for accelerated partial-breast irradiation using rigid and deformable image registrations. <i>Practical Radiation Oncology</i> , 2017 , 7, e9-e17	2.8	