

Shalini Kavita Vinod

List of Publications by Year in descending order

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Version: 2024-02-01

104
papers

2,914
citations

186265

28
h-index

189892

50
g-index

106
all docs

106
docs citations

106
times ranked

3724
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereotactic ablative radiotherapy versus standard radiotherapy in stage 1 non-small-cell lung cancer (TROG 09.02 CHISEL): a phase 3, open-label, randomised controlled trial. <i>Lancet Oncology</i> , The, 2019, 20, 494-503.	10.7	386
2	Uncertainties in volume delineation in radiation oncology: A systematic review and recommendations for future studies. <i>Radiotherapy and Oncology</i> , 2016, 121, 169-179.	0.6	236
3	The Potential for an Enhanced Role for MRI in Radiation-Therapy Treatment Planning. <i>Technology in Cancer Research and Treatment</i> , 2013, 12, 429-446.	1.9	162
4	Do multidisciplinary team meetings make a difference in the management of lung cancer?. <i>Cancer</i> , 2011, 117, 5112-5120.	4.1	150
5	Radiotherapy treatment for lung cancer: Current status and future directions. <i>Respirology</i> , 2020, 25, 61-71.	2.3	142
6	A review of interventions to reduce interobserver variability in volume delineation in radiation oncology. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016, 60, 393-406.	1.8	126
7	A review of methods of analysis in contouring studies for radiation oncology. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2010, 54, 401-410.	1.8	118
8	Psychological distress and quality of life in lung cancer: the role of health-related stigma, illness appraisals and social constraints. <i>Psycho-Oncology</i> , 2015, 24, 1569-1577.	2.3	92
9	Gaps in Optimal Care for Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2008, 3, 871-879.	1.1	77
10	The complex relationship between lung tumor volume and survival in patients with non-small cell lung cancer treated by definitive radiotherapy: A prospective, observational prognostic factor study of the Trans-Tasman Radiation Oncology Group (TROG 99.05). <i>Radiotherapy and Oncology</i> , 2013, 106, 305-311.	0.6	68
11	Why Do Some Lung Cancer Patients Receive No Anticancer Treatment?. <i>Journal of Thoracic Oncology</i> , 2010, 5, 1025-1032.	1.1	56
12	Do Multidisciplinary Meetings Follow Guideline-Based Care?. <i>Journal of Oncology Practice</i> , 2010, 6, 276-281.	2.5	55
13	Single-Fraction vs Multifraction Stereotactic Ablative Body Radiotherapy for Pulmonary Oligometastases (SAFRON II). <i>JAMA Oncology</i> , 2021, 7, 1476.	7.1	50
14	A review of segmentation and deformable registration methods applied to adaptive cervical cancer radiation therapy treatment planning. <i>Artificial Intelligence in Medicine</i> , 2015, 64, 75-87.	6.5	48
15	The integration of MRI in radiation therapy: collaboration of radiographers and radiation therapists. <i>Journal of Medical Radiation Sciences</i> , 2017, 64, 61-68.	1.5	47
16	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.	0.6	41
17	Magnetic resonance imaging in lung: a review of its potential for radiotherapy. <i>British Journal of Radiology</i> , 2016, 89, 20150431.	2.2	41
18	Deep learning for segmentation in radiation therapy planning: a review. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2021, 65, 578-595.	1.8	40

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19	Feasibility of free breathing Lung MRI for Radiotherapy using non-Cartesian <i>k</i> -space acquisition schemes. <i>British Journal of Radiology</i> , 2017, 90, 20170037.	2.2	37
20	Does timeliness of care in Non-Small Cell Lung Cancer impact on survival?. <i>Lung Cancer</i> , 2017, 112, 16-24.	2.0	36
21	Quality indicators for radiation oncology. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2022, 66, 249-257.	1.8	36
22	A prediction model for early death in non-small cell lung cancer patients following curative-intent chemoradiotherapy. <i>Acta Oncologica</i> , 2018, 57, 226-230.	1.8	35
23	A randomised phase II trial of Stereotactic Ablative Fractionated radiotherapy versus Radiosurgery for Oligometastatic Neoplasia to the lung (TROG 13.01 SAFRON II). <i>BMC Cancer</i> , 2016, 16, 183.	2.6	34
24	Underutilization of radiotherapy for lung cancer in New South Wales, Australia. <i>Cancer</i> , 2010, 116, 686-694.	4.1	32
25	Stage III Non-Small-Cell Lung Cancer: Population-Based Patterns of Treatment in British Columbia, Canada. <i>Journal of Thoracic Oncology</i> , 2012, 7, 1155-1163.	1.1	32
26	Comparison of patterns of care in lung cancer in three area health services in New South Wales, Australia. <i>Internal Medicine Journal</i> , 2004, 34, 677-683.	0.8	30
27	Diagnostic and staging impact of radiotherapy planning FDG-PET-CT in non-small-cell lung cancer. <i>Radiotherapy and Oncology</i> , 2011, 101, 284-290.	0.6	30
28	Correlation of contouring variation with modeled outcome for conformal non-small cell lung cancer radiotherapy. <i>Radiotherapy and Oncology</i> , 2014, 112, 332-336.	0.6	30
29	Estimating the Cost-Effectiveness of Lung Cancer Screening with Low-Dose Computed Tomography for High-Risk Smokers in Australia. <i>Journal of Thoracic Oncology</i> , 2018, 13, 1094-1105.	1.1	29
30	Cost analysis of lung cancer management in South Western Sydney. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2012, 56, 235-241.	1.8	25
31	Survey of image-guided radiotherapy use in Australia. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2017, 61, 394-401.	1.8	25
32	Stage Is Not a Reliable Indicator of Tumor Volume in Non-small Cell Lung Cancer: A Preliminary Analysis of the Trans-Tasman Radiation Oncology Group 99-05 Database. <i>Journal of Thoracic Oncology</i> , 2006, 1, 667-672.	1.1	24
33	International Patterns of Radiotherapy Practice for Non-Small Cell Lung Cancer. <i>Seminars in Radiation Oncology</i> , 2015, 25, 143-150.	2.2	24
34	A review on the impact of lung cancer multidisciplinary care on patient outcomes. <i>Translational Lung Cancer Research</i> , 2020, 9, 1639-1653.	2.8	23
35	Assessing guideline adherence and patient outcomes in cervical cancer. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2017, 13, e373-e380.	1.1	22
36	Estimation of an optimal chemotherapy utilisation rate for lung cancer: An evidence-based benchmark for cancer care. <i>Lung Cancer</i> , 2010, 69, 307-314.	2.0	19

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37	Comp Plan: A computer program to generate dose and radiobiological metrics from dose-volume histogram files. <i>Medical Dosimetry</i> , 2012, 37, 305-309.	0.9	18
38	Do patients discussed at a lung cancer multidisciplinary team meeting receive guideline-recommended treatment?. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2016, 12, 52-60.	1.1	18
39	Stage is not a reliable indicator of tumor volume in non-small cell lung cancer: a preliminary analysis of the Trans-Tasman Radiation Oncology Group 99-05 database. <i>Journal of Thoracic Oncology</i> , 2006, 1, 667-72.	1.1	17
40	Decision Making in Lung Cancer – How Applicable are the Guidelines?. <i>Clinical Oncology</i> , 2015, 27, 125-131.	1.4	16
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.	0.6	16
42	A narrative synthesis of the quality of cancer care and development of an integrated conceptual framework. <i>European Journal of Cancer Care</i> , 2018, 27, e12881.	1.5	15
43	Magnetic resonance imaging (MRI) guided proton therapy: A review of the clinical challenges, potential benefits and pathway to implementation. <i>Radiotherapy and Oncology</i> , 2022, 170, 37-47.	0.6	15
44	A comparison of ICRU point doses and volumetric doses of organs at risk (OARs) in brachytherapy for cervical cancer. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2011, 55, 304-310.	1.8	14
45	A Systematic Review Into the Radiologic Features Predicting Local Recurrence After Stereotactic Ablative Body Radiotherapy (SABR) in Patients With Non-Small Cell Lung Cancer (NSCLC). <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 113, 40-59.	0.8	14
46	Impact of FDG-PET on lung cancer delineation for radiotherapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2012, 56, 195-203.	1.8	13
47	The effect of imputing missing clinical attribute values on training lung cancer survival prediction model performance. <i>Health Information Science and Systems</i> , 2017, 5, 16.	5.2	12
48	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	12
49	Dose planning variations related to delineation variations in MRI-guided brachytherapy for locally advanced cervical cancer. <i>Brachytherapy</i> , 2020, 19, 146-153.	0.5	12
50	Carcinoma of the male breast: A review of adjuvant therapy. <i>Journal of Medical Imaging and Radiation Oncology</i> , 1999, 43, 69-72.	0.6	11
51	Palliative care and psychosocial care in metastatic non-small cell lung cancer: factors affecting utilisation of services and impact on patient survival. <i>Supportive Care in Cancer</i> , 2019, 27, 911-919.	2.2	11
52	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.	1.8	11
53	Utilising pseudo-CT data for dose calculation and plan optimization in adaptive radiotherapy. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2015, 38, 561-568.	1.3	10
54	Patterns of practice survey for brachytherapy for cervix cancer in Australia and New Zealand. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2017, 61, 674-681.	1.8	10

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55	Treatment burden experienced by patients with lung cancer. PLoS ONE, 2021, 16, e0245492.	2.5	10
56	Stepping into the real world: a mixed-methods evaluation of the implementation of electronic patient reported outcomes in routine lung cancer care. Journal of Patient-Reported Outcomes, 2022, 6, .	1.9	10
57	Actual versus optimal utilization of radiotherapy in lung cancer: Where is the shortfall?. Asia-Pacific Journal of Clinical Oncology, 2007, 3, 30-36.	1.1	9
58	Dedicated MRI simulation for cervical cancer radiation treatment planning: Assessing the impact on clinical target volume delineation. Journal of Medical Imaging and Radiation Oncology, 2019, 63, 236-243.	1.8	9
59	Stage Is Not a Reliable Indicator of Tumor Volume in Non-small Cell Lung Cancer: A Preliminary Analysis of the Trans-Tasman Radiation Oncology Group 99-05 Database. Journal of Thoracic Oncology, 2006, 1, 667-672.	1.1	8
60	Patterns of Radiotherapy Re-Treatment in Patients with Lung Cancer: A Retrospective, Longitudinal Study. Journal of Thoracic Oncology, 2007, 2, 531-536.	1.1	8
61	Patterns of use of palliative radiotherapy fractionation for bone metastases and 30-day mortality. Radiotherapy and Oncology, 2021, 154, 299-305.	0.6	8
62	Multisource feedback for radiation oncologists. Journal of Medical Imaging and Radiation Oncology, 2013, 57, 384-389.	1.8	7
63	Lung cancer radiation therapy in Australia and New Zealand: Patterns of practice. Journal of Medical Imaging and Radiation Oncology, 2016, 60, 677-685.	1.8	7
64	MRI in radiotherapy for lung cancer: A free-breathing protocol at 3T. Practical Radiation Oncology, 2017, 7, e175-e183.	2.1	7
65	Automatic radiotherapy delineation quality assurance on prostate MRI with deep learning in a multicentre clinical trial. Physics in Medicine and Biology, 2021, 66, 195008.	3.0	7
66	Malignant fibrous histiocytoma of the trachea. Respiriology, 1999, 4, 271-274.	2.3	6
67	Dosimetric implications of the addition of 18 fluorodeoxyglucose-positron emission tomography in CT-based radiotherapy planning for non-small cell lung cancer. Journal of Medical Imaging and Radiation Oncology, 2010, 54, 152-160.	1.8	6
68	Clinical impact of data feedback at lung cancer multidisciplinary team meetings: A mixed methods study. Asia-Pacific Journal of Clinical Oncology, 2020, 16, 45-55.	1.1	6
69	Patterns of palliative radiotherapy fractionation for brain metastases patients in New South Wales, Australia. Radiotherapy and Oncology, 2021, 156, 174-180.	0.6	6
70	Lung cancer treatment patterns and factors relating to systemic therapy use in Australia. Asia-Pacific Journal of Clinical Oncology, 2022, 18, .	1.1	6
71	Quality indicators in lung cancer: a review and analysis. BMJ Open Quality, 2021, 10, e001268.	1.1	6
72	Variability of gross tumour volume delineation: MRI and CT based tumour and lymph node delineation for lung radiotherapy. Radiotherapy and Oncology, 2022, 167, 292-299.	0.6	6

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73	Radiotherapy patterns of care for stage I and II non-small cell lung cancer in Sydney, Australia. Journal of Medical Imaging and Radiation Oncology, 2019, 63, 131-141.	1.8	5
74	Impact of dosimetric differences between CT and MRI derived target volumes for external beam cervical cancer radiotherapy. British Journal of Radiology, 2020, 93, 20190564.	2.2	5
75	Care to Quit: a stepped wedge cluster randomised controlled trial to implement best practice smoking cessation care in cancer centres. Implementation Science, 2021, 16, 23.	6.9	5
76	Translation of oncology multidisciplinary team meeting (MDM) recommendations into clinical practice. BMC Health Services Research, 2021, 21, 461.	2.2	5
77	Stage I Non-small Cell Lung Cancer: Results for Surgery in a Patterns-of-Care Study in Sydney and for High-Dose Concurrent End-Phase Boost Accelerated Radiotherapy. Journal of Thoracic Oncology, 2006, 1, 796-801.	1.1	5
78	Training radiomics-based CNNs for clinical outcome prediction: Challenges, strategies and findings. Artificial Intelligence in Medicine, 2022, 123, 102230.	6.5	5
79	A decade of community-based outcomes of patients treated with curative radiotherapy with or without chemotherapy for non-small cell lung cancer. Asia-Pacific Journal of Clinical Oncology, 2016, 12, e357-e366.	1.1	4
80	The first-in-human implementation of adaptive 4D cone beam CT for lung cancer radiotherapy: 4DCBCT in less time with less dose. Radiotherapy and Oncology, 2021, 161, 29-34.	0.6	4
81	Adapting an integrated care pathway for implementing electronic patient reported outcomes assessment in routine oncology care: Lessons learned from a case study. Journal of Evaluation in Clinical Practice, 2022, 28, 1072-1083.	1.8	4
82	Workflow and Radiation Safety Implications of 18F-FDG PET/CT Scans for Radiotherapy Planning. Journal of Nuclear Medicine Technology, 2012, 40, 175-177.	0.8	3
83	Application of novel quantitative techniques for fluorodeoxyglucose positron emission tomography/computed tomography in patients with non-small cell lung cancer. Asia-Pacific Journal of Clinical Oncology, 2016, 12, 349-358.	1.1	3
84	High-risk CTV delineation for cervix brachytherapy: Application of GEC-ESTRO guidelines in Australia and New Zealand. Journal of Medical Imaging and Radiation Oncology, 2017, 61, 133-140.	1.8	3
85	Patterns of follow-up care after curative radiotherapy±chemotherapy for stage III non-small cell lung cancer. Asia-Pacific Journal of Clinical Oncology, 2019, 15, 172-180.	1.1	3
86	Oligometastatic Disease in NSCLC – Not Just Wishful Thinking?. Journal of Thoracic Oncology, 2019, 14, 2042-2045.	1.1	3
87	Reducing 4DCBCT scan time and dose through motion compensated acquisition and reconstruction. Physics in Medicine and Biology, 2021, 66, 075002.	3.0	3
88	Predicting 2-year survival in stage I-III non-small cell lung cancer: the development and validation of a scoring system from an Australian cohort. Radiation Oncology, 2022, 17, 74.	2.7	3
89	Part-time consultants in radiation oncology. Journal of Medical Imaging and Radiation Oncology, 2002, 46, 396-401.	0.6	2
90	A comparison between radiation therapists and medical specialists in the use of kilovoltage cone-beam computed tomography scans for potential lung cancer radiotherapy target verification and adaptation. Medical Dosimetry, 2016, 41, 1-6.	0.9	2

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91	Collaborative implementation of stereotactic ablative body radiotherapy: A model for the safe implementation of complex radiotherapy techniques in Australia. <i>Asia-Pacific Journal of Clinical Oncology</i> , 2020, 16, 39-44.	1.1	2
92	Trends in the use of short-course radiation therapy for rectal cancer in New South Wales, Australia. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2021, , .	1.8	2
93	Australia and New Zealand Faculty of Radiation Oncology Lung Interest Cooperative: 2015 consensus guidelines for the use of advanced technologies in the radiation therapy treatment of locally advanced non-small cell lung cancer. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2016, 60, 686-692.	1.8	1
94	Should we screen for brain metastases in non-small cell lung cancer?. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2018, 62, 380-382.	1.8	1
95	Lung organ-at-risk volumes: A survey of practice and the need for a consistent definition in the 4DCT era. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2020, 64, 120-126.	1.8	1
96	Radiation oncology peer review in Australia and New Zealand. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2022, 66, 258-266.	1.8	1
97	Reducing 4DCBCT imaging dose and time: exploring the limits of adaptive acquisition and motion compensated reconstruction. <i>Physics in Medicine and Biology</i> , 2022, 67, 065002.	3.0	1
98	Rates of <scp>MRI</scp> simulator utilisation in a tertiary cancer therapy centre. <i>Journal of Medical Imaging and Radiation Oncology</i> , 0, , .	1.8	1
99	Patterns of curative treatment for non-small cell lung cancer in New South Wales, Australia. <i>Asia-Pacific Journal of Clinical Oncology</i> , 0, , .	1.1	1
100	A Basic Treatment Equivalent for High-Dose-Rate Gynaecological Brachytherapy—A Pilot Study. <i>Clinical Oncology</i> , 2002, 14, 394-398.	1.4	0
101	Early cervical cancer treated with definitive or adjuvant radiotherapy: Improved survival with adjuvant radiotherapy attributable to patient selection. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2003, 47, 279-283.	0.6	0
102	A Survey of Cervix Segmentation Methods in Magnetic Resonance Images. <i>Lecture Notes in Computer Science</i> , 2013, , 290-298.	1.3	0
103	The Role of Health Services Research in Improving the Outcomes for Patients With Lung Cancer. , 2018, , 639-650.e3.		0
104	Quality in Medical Imaging and Radiation Oncology: Why we should care about it, measure it and constantly improve it. <i>Journal of Medical Imaging and Radiation Oncology</i> , 2022, 66, 173-174.	1.8	0