

# Berend J Slotman

## List of Publications by Year in descending order

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Version: 2024-02-01

354  
papers

23,460  
citations

8208

78  
h-index

12272

138  
g-index

355  
all docs

355  
docs citations

355  
times ranked

16325  
citing authors

#	ARTICLE	IF	CITATIONS
1	Single-Fraction Stereotactic Ablative Body Radiotherapy to the Lung â€” The Knockout Punch. <i>Clinical Oncology</i> , 2022, 34, e183-e194.	0.6	12
2	Practical considerations of single-fraction stereotactic ablative radiotherapy to the lung. <i>Lung Cancer</i> , 2022, 170, 185-193.	0.9	4
3	Magnetic Resonance-guided Stereotactic Radiotherapy for Localized Prostate Cancer: Final Results on Patient-reported Outcomes of a Prospective Phase 2 Study. <i>European Urology Oncology</i> , 2021, 4, 628-634.	2.6	46
4	American Radium Society Appropriate Use Criteria on Radiation Therapy for Extensive-Stage SCLC. <i>Journal of Thoracic Oncology</i> , 2021, 16, 54-65.	0.5	13
5	Role of radiotherapy in the management of brain metastases of NSCLC â€” Decision criteria in clinical routine. <i>Radiotherapy and Oncology</i> , 2021, 154, 269-273.	0.3	11
6	Experimental and clinical studies on radiation and curcumin in human glioma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 403-409.	1.2	9
7	Investigating the potential of deep learning for patient-specific quality assurance of salivary gland contours using EORTC-1219-DAHANCA-29 clinical trial data. <i>Acta Oncologica</i> , 2021, 60, 575-581.	0.8	5
8	Using Spatial Probability Maps to Highlight Potential Inaccuracies in Deep Learning-Based Contours: Facilitating Online Adaptive Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2021, 6, 100658.	0.6	9
9	Dose accumulation for personalized stereotactic MR-guided adaptive radiation therapy in prostate cancer. <i>Radiotherapy and Oncology</i> , 2021, 157, 197-202.	0.3	12
10	Ultra-High Dose Rate Transmission Beam Proton Therapy for Conventionally Fractionated Head and Neck Cancer: Treatment Planning and Dose Rate Distributions. <i>Cancers</i> , 2021, 13, 1859.	1.7	22
11	Interferon- and STING-independent induction of type I interferon stimulated genes during fractionated irradiation. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021, 40, 161.	3.5	16
12	European radiation oncology after one year of COVID-19 pandemic. <i>Clinical and Translational Radiation Oncology</i> , 2021, 28, 141-143.	0.9	11
13	Markerless Real-Time 3-Dimensional kV Tracking of Lung Tumors During Free Breathing Stereotactic Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2021, 6, 100705.	0.6	12
14	Editorial: Online Adaptive MR-Guided Radiotherapy. <i>Frontiers in Oncology</i> , 2021, 11, 748685.	1.3	7
15	Role of Postoperative Radiotherapy in the Management for Resected NSCLC â€” Decision Criteria in Clinical Routine Pre- and Post-LungART. <i>Clinical Lung Cancer</i> , 2021, 22, 579-586.	1.1	9
16	Renal atrophy following gated delivery of stereotactic ablative radiotherapy to adrenal metastases. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 20, 1-4.	1.2	1
17	Impact of daily plan adaptation on organ-at-risk normal tissue complication probability for adrenal lesions undergoing stereotactic ablative radiation therapy. <i>Radiotherapy and Oncology</i> , 2021, 163, 14-20.	0.3	10
18	Markerless 3D tumor tracking during single-fraction free-breathing 10MV flattening-filter-free stereotactic lung radiotherapy. <i>Radiotherapy and Oncology</i> , 2021, 164, 6-12.	0.3	8

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19	Relationship between Treatment Plan Dosimetry, Toxicity, and Survival following Intensity-Modulated Radiotherapy, with or without Chemotherapy, for Stage III Inoperable Non-Small Cell Lung Cancer. <i>Cancers</i> , 2021, 13, 5923.	1.7	3
20	Stereotactic MR-guided adaptive radiation therapy for peripheral lung tumors. <i>Radiotherapy and Oncology</i> , 2020, 144, 46-52.	0.3	64
21	Stereotactic Ablative Radiotherapy for the Management of Spinal Metastases. <i>JAMA Oncology</i> , 2020, 6, 567.	3.4	64
22	Preclinical evaluation of binimetinib (MEK162) delivered via polymeric nanocarriers in combination with radiation and temozolomide in glioma. <i>Journal of Neuro-Oncology</i> , 2020, 146, 239-246.	1.4	21
23	Assessing the Variability and Quality of Lung Stereotactic Radiation Therapy Treatment Plans Using a Web-Based Crowdsourcing Platform. <i>Practical Radiation Oncology</i> , 2020, 10, e118-e127.	1.1	5
24	The role of postoperative thoracic radiotherapy and prophylactic cranial irradiation in early stage small cell lung cancer: Patient selection among ESTRO experts. <i>Radiotherapy and Oncology</i> , 2020, 145, 45-48.	0.3	9
25	Bringing FLASH to the Clinic: Treatment Planning Considerations for Ultrahigh Dose-Rate Proton Beams. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 621-629.	0.4	87
26	The Role of Daily Adaptive Stereotactic MR-Guided Radiotherapy for Renal Cell Cancer. <i>Cancers</i> , 2020, 12, 2763.	1.7	30
27	Changes in gastric anatomy after delivery of breath-hold MR-guided SABR for adrenal metastases. <i>Radiotherapy and Oncology</i> , 2020, 152, 26-29.	0.3	7
28	Stereotactic radiosurgery (SRS) – A new normal for small cell lung cancer?. <i>Clinical and Translational Radiation Oncology</i> , 2020, 25, 10-15.	0.9	3
29	Is the introduction of more advanced radiotherapy techniques for locally-advanced head and neck cancer associated with improved quality of life and reduced symptom burden?. <i>Radiotherapy and Oncology</i> , 2020, 151, 298-303.	0.3	8
30	Initial Impact and Operational Responses to the COVID-19 Pandemic by American Radiation Oncology Practices. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 356-361.	0.4	26
31	Strategies to improve deep learning-based salivary gland segmentation. <i>Radiation Oncology</i> , 2020, 15, 272.	1.2	6
32	A cancer drug atlas enables synergistic targeting of independent drug vulnerabilities. <i>Nature Communications</i> , 2020, 11, 2935.	5.8	57
33	Image guidance in radiation therapy for better cure of cancer. <i>Molecular Oncology</i> , 2020, 14, 1470-1491.	2.1	63
34	Effect of COVID-19 pandemic on practice in European radiation oncology centers. <i>Radiotherapy and Oncology</i> , 2020, 150, 40-42.	0.3	53
35	Clinical Outcomes of Stereotactic MR-Guided Adaptive Radiation Therapy for High-Risk Lung Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 270-278.	0.4	71
36	Practice Recommendations for Lung Cancer Radiotherapy During the COVID-19 Pandemic: An ESTRO-ASTRO Consensus Statement. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 107, 631-640.	0.4	40

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37	In Reply to Moeckli et al. International Journal of Radiation Oncology Biology Physics, 2020, 107, 1013-1014.	0.4	0
38	ESTRO ACROP guidelines for target volume definition in the thoracic radiation treatment of small cell lung cancer. Radiotherapy and Oncology, 2020, 152, 89-95.	0.3	23
39	Delivery of magnetic resonance-guided single-fraction stereotactic lung radiotherapy. Physics and Imaging in Radiation Oncology, 2020, 14, 17-23.	1.2	61
40	Examining geographic accessibility to radiotherapy in Canada and Greenland for indigenous populations: Measuring inequities to inform solutions. Radiotherapy and Oncology, 2020, 146, 1-8.	0.3	12
41	Cardiac radioablation—A systematic review. Heart Rhythm, 2020, 17, 1381-1392.	0.3	94
42	Radiation Therapy for Small Cell Lung Cancer: An ASTRO Clinical Practice Guideline. Practical Radiation Oncology, 2020, 10, 158-173.	1.1	111
43	Practice recommendations for lung cancer radiotherapy during the COVID-19 pandemic: An ESTRO-ASTRO consensus statement. Radiotherapy and Oncology, 2020, 146, 223-229.	0.3	168
44	Development of transient radioresistance during fractionated irradiation in vitro. Radiotherapy and Oncology, 2020, 148, 107-114.	0.3	12
45	Once daily versus twice-daily radiotherapy in the management of limited disease small cell lung cancer — Decision criteria in routine practise. Radiotherapy and Oncology, 2020, 150, 26-29.	0.3	13
46	What is the role of consolidative thoracic radiotherapy in the era of chemo-immunotherapy for extensive stage small cell lung cancer?. Journal of Thoracic Disease, 2020, 12, 6308-6310.	0.6	1
47	What is the role of consolidative thoracic radiotherapy in the era of chemo-immunotherapy for extensive stage small cell lung cancer?. Journal of Thoracic Disease, 2020, 12, 6308-6310.	0.6	6
48	Stereotactic ablative radiotherapy for the comprehensive treatment of 4–10 oligometastatic tumors (SABR-COMET-10): study protocol for a randomized phase III trial. BMC Cancer, 2019, 19, 816.	1.1	165
49	Stereotactic Body Radiotherapy for Oligometastatic Disease in Non-small Cell Lung Cancer. Frontiers in Oncology, 2019, 9, 1219.	1.3	27
50	A Prospective Single-Arm Phase 2 Study of Stereotactic Magnetic Resonance Guided Adaptive Radiation Therapy for Prostate Cancer: Early Toxicity Results. International Journal of Radiation Oncology Biology Physics, 2019, 105, 1086-1094.	0.4	127
51	End-to-end empirical validation of dose accumulation in MRI-guided adaptive radiotherapy for prostate cancer using an anthropomorphic deformable pelvis phantom. Radiotherapy and Oncology, 2019, 141, 200-207.	0.3	24
52	Access to radiotherapy and its association with cancer outcomes in a high-income country: Addressing the inequity in Canada. Radiotherapy and Oncology, 2019, 141, 48-55.	0.3	21
53	Prophylactic cranial irradiation in stage IV small cell lung cancer: Selection of patients amongst European IASLC and ESTRO experts. Radiotherapy and Oncology, 2019, 133, 163-166.	0.3	24
54	Role of On-Table Plan Adaptation in MR-Guided Ablative Radiation Therapy for Central Lung Tumors. International Journal of Radiation Oncology Biology Physics, 2019, 104, 933-941.	0.4	75

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55	Deep Learning-Based Delineation of Head and Neck Organs at Risk: Geometric and Dosimetric Evaluation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 677-684.	0.4	83
56	Consolidative thoracic radiotherapy in stage IV small cell lung cancer: Selection of patients amongst European IASLC and ESTRO experts. <i>Radiotherapy and Oncology</i> , 2019, 135, 74-77.	0.3	14
57	Clinical implementation of magnetic resonance imaging guided adaptive radiotherapy for localized prostate cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2019, 9, 69-76.	1.2	128
58	Knowledge-Based Planning for Identifying High-Risk Stereotactic Ablative Radiation Therapy Treatment Plans for Lung Tumors Larger Than 5Acm. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 259-267.	0.4	13
59	Identification of patients with locally advanced pancreatic cancer benefitting from plan adaptation in MR-guided radiation therapy. <i>Radiotherapy and Oncology</i> , 2019, 132, 16-22.	0.3	37
60	Summarizing the 4D image stack of ultrafast dynamic contrast enhancement MRI of breast cancer in 3D using color intensity projections. <i>Journal of Magnetic Resonance Imaging</i> , 2019, 49, 1391-1399.	1.9	8
61	Analysis of EORTC-1219-DAHANCA-29 trial plans demonstrates the potential of knowledge-based planning to provide patient-specific treatment plan quality assurance. <i>Radiotherapy and Oncology</i> , 2019, 130, 75-81.	0.3	24
62	Stereotactic radiosurgery for tremor: systematic review. <i>Journal of Neurosurgery</i> , 2019, 130, 589-600.	0.9	27
63	Stereotactic radiosurgery for trigeminal neuralgia: a systematic review. <i>Journal of Neurosurgery</i> , 2019, 130, 733-757.	0.9	109
64	Progress in Radiotherapy for Regional and Oligometastatic Disease in 2017. <i>Journal of Thoracic Oncology</i> , 2018, 13, 488-496.	0.5	10
65	Personalized automated treatment planning for breast plus locoregional lymph nodes using Hybrid RapidArc. <i>Practical Radiation Oncology</i> , 2018, 8, 332-341.	1.1	26
66	Stereotactic Radiosurgery in the Management of Limited (1-4) Brain Metastases: Systematic Review and International Stereotactic Radiosurgery Society Practice Guideline. <i>Neurosurgery</i> , 2018, 83, 345-353.	0.6	64
67	First Experience With Markerless Online 3D Spine Position Monitoring During SBRT Delivery Using a Conventional LINAC. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 101, 1253-1258.	0.4	15
68	Brief Report on Radiological Changes following Stereotactic Ablative Radiotherapy (SABR) for Early-Stage Lung Tumors: A Pictorial Essay. <i>Journal of Thoracic Oncology</i> , 2018, 13, 855-862.	0.5	18
69	ESTRO ACROP guidelines for target volume definition in the treatment of locally advanced non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2018, 127, 1-5.	0.3	141
70	Is accurate contouring of salivary and swallowing structures necessary to spare them in head and neck VMAT plans?. <i>Radiotherapy and Oncology</i> , 2018, 127, 190-196.	0.3	16
71	Stereotactic Radiosurgery for Benign (World Health Organization Grade I) Cavernous Sinus Meningiomas—International Stereotactic Radiosurgery Society (ISRS) Practice Guideline. <i>Neurosurgery</i> , 2018, 83, 1128-1142.	0.6	42
72	Using 3D printing techniques to create an anthropomorphic thorax phantom for medical imaging purposes. <i>Medical Physics</i> , 2018, 45, 92-100.	1.6	97

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73	Identification of MEK162 as a Radiosensitizer for the Treatment of Glioblastoma. <i>Molecular Cancer Therapeutics</i> , 2018, 17, 347-354.	1.9	22
74	Radiation Oncology in The Netherlands. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 5-11.	0.4	2
75	The evolving role of radiotherapy in the management of small cell lung cancer. <i>Journal of Thoracic Disease</i> , 2018, 10, S2545-S2554.	0.6	6
76	Automated Knowledge-Based Intensity-Modulated Proton Planning: An International Multicenter Benchmarking Study. <i>Cancers</i> , 2018, 10, 420.	1.7	21
77	Radiation Therapy for Small-Cell Lung Cancer. , 2018, , 1-7.		0
78	Short Communication: Management of patients with extensive-stage small-cell lung cancer treated with radiotherapy: A survey of practice. <i>Cancer Treatment and Research Communications</i> , 2018, 17, 18-22.	0.7	3
79	Feasibility of markerless 3D position monitoring of the central airways using kilovoltage projection images: Managing the risks of central lung stereotactic radiotherapy. <i>Radiotherapy and Oncology</i> , 2018, 129, 234-241.	0.3	10
80	MR-guided Gated Stereotactic Radiation Therapy Delivery for Lung, Adrenal, and Pancreatic Tumors: A Geometric Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 858-866.	0.4	118
81	Markerless positional verification using template matching and triangulation of kV images acquired during irradiation for lung tumors treated in breath-hold. <i>Physics in Medicine and Biology</i> , 2018, 63, 115005.	1.6	24
82	Toward planning target volume margin reduction for the prostate using intrafraction motion correction with online kV imaging and automatic detection of implanted gold seeds. <i>Practical Radiation Oncology</i> , 2018, 8, 422-428.	1.1	18
83	Patient-reported Outcome Measurements on the Tolerance of Magnetic Resonance Imaging-guided Radiation Therapy. <i>Cureus</i> , 2018, 10, e2236.	0.2	29
84	Evaluation of an Automated Proton Planning Solution. <i>Cureus</i> , 2018, 10, e3696.	0.2	15
85	Cost-effectiveness of prophylactic cranial irradiation with hippocampal avoidance in limited stage small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2017, 122, 411-415.	0.3	18
86	What is the optimal radiotherapy schedule for limited stage small cell lung cancer?. <i>Lung Cancer</i> , 2017, 105, 52-53.	0.9	6
87	Knowledge-based planning for stereotactic radiotherapy of peripheral early-stage lung cancer. <i>Acta Oncologica</i> , 2017, 56, 490-495.	0.8	14
88	Analysis of components of variance determining probability of setup errors in CBCT-guided stereotactic radiotherapy of lung tumors. <i>Medical Physics</i> , 2017, 44, 382-388.	1.6	6
89	Optimizing SABR delivery for synchronous multiple lung tumors using volumetric-modulated arc therapy. <i>Acta Oncologica</i> , 2017, 56, 548-554.	0.8	14
90	Benefits of Using Stereotactic Body Radiotherapy in Patients With Metachronous Oligometastases of Hormone-Sensitive Prostate Cancer Detected by [18F]fluoromethylcholine PET/CT. <i>Clinical Genitourinary Cancer</i> , 2017, 15, e773-e782.	0.9	33

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91	Using a knowledge-based planning solution to select patients for proton therapy. <i>Radiotherapy and Oncology</i> , 2017, 124, 263-270.	0.3	40
92	Which patients with ES-SCLC are most likely to benefit from more aggressive radiotherapy: A secondary analysis of the Phase III CREST trial. <i>Lung Cancer</i> , 2017, 108, 150-153.	0.9	70
93	Stereotactic Ablative Body Radiotherapy for Lung Metastases: Where is the Evidence and What are We Doing With It?. <i>Seminars in Radiation Oncology</i> , 2017, 27, 229-239.	1.0	26
94	Verifying tumor position during stereotactic body radiation therapy delivery using (limited-arc) cone beam computed tomography imaging. <i>Radiotherapy and Oncology</i> , 2017, 123, 355-362.	0.3	13
95	Radiotherapy for renal cell carcinoma: renaissance of an overlooked approach. <i>Nature Reviews Urology</i> , 2017, 14, 549-563.	1.9	88
96	Stereotactic Body Radiotherapy. <i>Medical Radiology</i> , 2017, , 323-395.	0.0	0
97	Stereotactic body radiotherapy for de novo spinal metastases: systematic review. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 295-302.	0.9	121
98	The clinical application of angiostatic therapy in combination with radiotherapy: past, present, future. <i>Angiogenesis</i> , 2017, 20, 217-232.	3.7	26
99	Time to reconsider prophylactic cranial irradiation in extensive-stage small-cell lung cancer?. <i>Lancet Oncology</i> , The, 2017, 18, 566-567.	5.1	9
100	Use of Stereotactic Ablative Radiotherapy (SABR) in Non-“Small Cell Lung Cancer Measuring More Than 5 cm. <i>Journal of Thoracic Oncology</i> , 2017, 12, 974-982.	0.5	42
101	Radiosurgery for epilepsy: Systematic review and International Stereotactic Radiosurgery Society (ISRS) practice guideline. <i>Epilepsy Research</i> , 2017, 137, 123-131.	0.8	47
102	SABR Given Thoughtfully. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 766.	0.4	0
103	An integrated multidisciplinary algorithm for the management of spinal metastases: an International Spine Oncology Consortium report. <i>Lancet Oncology</i> , The, 2017, 18, e720-e730.	5.1	220
104	Reirradiation spine stereotactic body radiation therapy for spinal metastases: systematic review. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 428-435.	0.9	113
105	Stereotactic radiosurgery for vestibular schwannoma: International Stereotactic Radiosurgery Society (ISRS) Practice Guideline. <i>Journal of Radiosurgery and SBRT</i> , 2017, 5, 5-24.	0.2	26
106	Summary of the lecture given on June 1, 2017 on the occasion of the Jacob I. Fabrikant Award ceremony. <i>Journal of Radiosurgery and SBRT</i> , 2017, 5, 1-3.	0.2	0
107	Stereotactic body radiotherapy for spine and bony pelvis using flattening filter free volumetric modulated arc therapy, 6D cone-beam CT and simple positioning techniques: Treatment time and patient stability. <i>Acta Oncologica</i> , 2016, 55, 795-798.	0.8	12
108	Detailed evaluation of an automated approach to interactive optimization for volumetric modulated arc therapy plans. <i>Medical Physics</i> , 2016, 43, 1818-1828.	1.6	13



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109	Salvage surgery for local failures after stereotactic ablative radiotherapy for early stage non-small cell lung cancer. <i>Radiation Oncology</i> , 2016, 11, 131.	1.2	19
110	Isotoxic radiosurgery planning for brain metastases. <i>Radiotherapy and Oncology</i> , 2016, 120, 253-257.	0.3	21
111	An analysis of planned versus delivered airway doses during stereotactic lung radiotherapy for central tumors. <i>Acta Oncologica</i> , 2016, 55, 934-937.	0.8	5
112	Subsecond and Submillimeter Resolution Positional Verification for Stereotactic Irradiation of Spinal Lesions. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 1154-1162.	0.4	28
113	Outcomes of Hypofractionated High-Dose Radiotherapy in Poor-Risk Patients with "Ultra-central" Non-Small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2016, 11, 1081-1089.	0.5	176
114	A longitudinal evaluation of improvements in radiotherapy treatment plan quality for head and neck cancer patients. <i>Radiotherapy and Oncology</i> , 2016, 119, 337-343.	0.3	12
115	Swallowing sparing intensity modulated radiotherapy (SW-IMRT) in head and neck cancer: Clinical validation according to the model-based approach. <i>Radiotherapy and Oncology</i> , 2016, 118, 298-303.	0.3	55
116	Individual patient information to select patients for different radiation techniques. <i>European Journal of Cancer</i> , 2016, 62, 18-27.	1.3	15
117	Prophylactic cranial irradiation for patients with lung cancer. <i>Lancet Oncology</i> , The, 2016, 17, e277-e293.	5.1	91
118	Technical know-how in stereotactic ablative radiotherapy (<sc>SABR</sc>). <i>Journal of Medical Radiation Sciences</i> , 2016, 63, 5-8.	0.8	12
119	Effect of Dosimetric Outliers on the Performance of a Commercial Knowledge-Based Planning Solution. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 469-477.	0.4	80
120	Small Cell Lung Cancer: Can Recent Advances in Biology and Molecular Biology Be Translated into Improved Outcomes?. <i>Journal of Thoracic Oncology</i> , 2016, 11, 453-474.	0.5	156
121	Treatment and survival of second primary early-stage lung cancer, following treatment of head and neck cancer in the Netherlands. <i>Lung Cancer</i> , 2016, 94, 54-60.	0.9	3
122	Thoracic Radiotherapy for Extensive Stage Small-Cell Lung Cancer: A Meta-Analysis. <i>Clinical Lung Cancer</i> , 2016, 17, 239-244.	1.1	65
123	Low dose angiostatic treatment counteracts radiotherapy-induced tumor perfusion and enhances the anti-tumor effect. <i>Oncotarget</i> , 2016, 7, 76613-76627.	0.8	27
124	Optimal treatment scheduling of ionizing radiation and sunitinib improves the antitumor activity and allows dose reduction. <i>Cancer Medicine</i> , 2015, 4, 1003-1015.	1.3	29
125	Comparison of organ-at-risk sparing and plan robustness for spot-scanning proton therapy and volumetric modulated arc photon therapy in head and neck cancer. <i>Medical Physics</i> , 2015, 42, 6589-6598.	1.6	30
126	Is there a preferred IMRT technique for left breast irradiation?. <i>Journal of Applied Clinical Medical Physics</i> , 2015, 16, 197-205.	0.8	34



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127	Targeting anti-apoptotic Bcl-2 by AT-101 to increase radiation efficacy: data from in vitro and clinical pharmacokinetic studies in head and neck cancer. <i>Radiation Oncology</i> , 2015, 10, 158.	1.2	36
128	Can knowledge-based DVH predictions be used for automated, individualized quality assurance of radiotherapy treatment plans?. <i>Radiation Oncology</i> , 2015, 10, 234.	1.2	103
129	Predicting Overall Survival After Stereotactic Ablative Radiation Therapy in Early-Stage Lung Cancer: Development and External Validation of the Amsterdam Prognostic Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 82-90.	0.4	28
130	Stereotactic body radiotherapy: A survey of contemporary practice in six selected European countries. <i>Acta Oncologica</i> , 2015, 54, 1237-1241.	0.8	21
131	Patterns of Disease Recurrence after SABR for Early Stage Non-Small-Cell Lung Cancer: Optimizing Follow-Up Schedules for Salvage Therapy. <i>Journal of Thoracic Oncology</i> , 2015, 10, 1195-1200.	0.5	54
132	Evaluation of a Knowledge-Based Planning Solution for Head and Neck Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 612-620.	0.4	230
133	Parenchymal lung changes on computed tomography after stereotactic radiotherapy using high dose rate flattening filter free beams. <i>Radiotherapy and Oncology</i> , 2015, 114, 357-360.	0.3	1
134	Improving radiotherapy planning for large volume lung cancer: A dosimetric comparison between hybrid-IMRT and RapidArc. <i>Acta Oncologica</i> , 2015, 54, 427-432.	0.8	13
135	Increasing the number of arcs improves head and neck volumetric modulated arc therapy plans. <i>Acta Oncologica</i> , 2015, 54, 283-287.	0.8	10
136	Use of diffusion-weighted magnetic resonance imaging (DW-MRI) to investigate the effect of chemoradiotherapy on the salivary glands. <i>Acta Oncologica</i> , 2015, 54, 1068-1071.	0.8	9
137	Radiotherapy for extensive stage small-cell lung cancer – Authors' reply. <i>Lancet, The</i> , 2015, 385, 1292-1293.	6.3	38
138	Second primary lung cancers following a diagnosis of primary head and neck cancer. <i>Lung Cancer</i> , 2015, 88, 94-99.	0.9	23
139	Sub-millimeter spine position monitoring for stereotactic body radiotherapy using offline digital tomosynthesis. <i>Radiotherapy and Oncology</i> , 2015, 115, 223-228.	0.3	12
140	Roll and pitch set-up errors during volumetric modulated arc delivery. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 272-280.	1.0	5
141	Automatic interactive optimization for volumetric modulated arc therapy planning. <i>Radiation Oncology</i> , 2015, 10, 75.	1.2	35
142	Stereotactic ablative radiotherapy versus lobectomy for operable stage I non-small-cell lung cancer: a pooled analysis of two randomised trials. <i>Lancet Oncology, The</i> , 2015, 16, 630-637.	5.1	1,220
143	High-dose conventional thoracic re-irradiation for lung cancer: Updated results. <i>Lung Cancer</i> , 2015, 88, 235-236.	0.9	15
144	Combining radiotherapy with sunitinib: lessons (to be) learned. <i>Angiogenesis</i> , 2015, 18, 385-395.	3.7	32

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145	Patterns of long-term swallowing dysfunction after definitive radiotherapy or chemoradiation. <i>Radiotherapy and Oncology</i> , 2015, 117, 139-144.	0.3	72
146	Stereotactic ablative radiotherapy (SABR) for central lung tumors: Plan quality and long-term clinical outcomes. <i>Radiotherapy and Oncology</i> , 2015, 117, 64-70.	0.3	56
147	The development of stereotactic body radiotherapy in the past decade: a global perspective. <i>Future Oncology</i> , 2015, 11, 2721-2733.	1.1	8
148	Diagnostic challenges in survivors of early stage lung cancer. <i>Lung Cancer</i> , 2015, 90, 212-216.	0.9	3
149	Patient reported outcomes following stereotactic ablative radiotherapy or surgery for stage IA non-small-cell lung cancer: Results from the ROSEL multicenter randomized trial. <i>Radiotherapy and Oncology</i> , 2015, 117, 44-48.	0.3	84
150	Use of thoracic radiotherapy for extensive stage small-cell lung cancer: a phase 3 randomised controlled trial. <i>Lancet, The</i> , 2015, 385, 36-42.	6.3	441
151	Markerless tracking of small lung tumors for stereotactic radiotherapy. <i>Medical Physics</i> , 2015, 42, 1640-1652.	1.6	36
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