

Robert Timmerman

List of Publications by Year in descending order

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72
papers

4,527
citations

218677

26
h-index

128289

60
g-index

72
all docs

72
docs citations

72
times ranked

4640
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereotactic Body Radiation Therapy for Inoperable Early Stage Lung Cancer. JAMA - Journal of the American Medical Association, 2010, 303, 1070.	7.4	2,185
2	Stereotactic body radiation therapy for early-stage non-small cell lung cancer: Executive Summary of an ASTRO Evidence-Based Guideline. Practical Radiation Oncology, 2017, 7, 295-301.	2.1	339
3	Phase II Trial of Stereotactic Body Radiation Therapy Combined With Erlotinib for Patients With Limited but Progressive Metastatic Non-Small-Cell Lung Cancer. Journal of Clinical Oncology, 2014, 32, 3824-3830.	1.6	244
4	Phase I Dose-Escalation Study of Stereotactic Body Radiation Therapy for Low- and Intermediate-Risk Prostate Cancer. Journal of Clinical Oncology, 2011, 29, 2020-2026.	1.6	234
5	Stereotactic body radiation therapy for low and intermediate risk prostate cancer—Results from a multi-institutional clinical trial. European Journal of Cancer, 2016, 59, 142-151.	2.8	124
6	MRI-only brain radiotherapy: Assessing the dosimetric accuracy of synthetic CT images generated using a deep learning approach. Radiotherapy and Oncology, 2019, 136, 56-63.	0.6	105
7	Safety and Efficacy of Stereotactic Ablative Radiation Therapy for Renal Cell Carcinoma Extracranial Metastases. International Journal of Radiation Oncology Biology Physics, 2017, 98, 91-100.	0.8	67
8	A Phase II Trial of Stereotactic Ablative Radiation Therapy as a Boost for Locally Advanced Cervical Cancer. International Journal of Radiation Oncology Biology Physics, 2020, 106, 464-471.	0.8	66
9	Precision Hypofractionated Radiation Therapy in Poor Performing Patients With Non-Small Cell Lung Cancer: Phase 1 Dose Escalation Trial. International Journal of Radiation Oncology Biology Physics, 2015, 93, 72-81.	0.8	62
10	A Phase I Dose-Escalation Trial of Single-Fraction Stereotactic Radiation Therapy for Liver Metastases. Annals of Surgical Oncology, 2016, 23, 218-224.	1.5	61
11	A Story of Hypofractionation and the Table on the Wall. International Journal of Radiation Oncology Biology Physics, 2022, 112, 4-21.	0.8	59
12	Preliminary Results of a Phase 1 Dose-Escalation Trial for Early-Stage Breast Cancer Using 5-Fraction Stereotactic Body Radiation Therapy for Partial-Breast Irradiation. International Journal of Radiation Oncology Biology Physics, 2017, 98, 196-205.e2.	0.8	57
13	Role of interim 18F-FDG-PET/CT for the early prediction of clinical outcomes of Non-Small Cell Lung Cancer (NSCLC) during radiotherapy or chemo-radiotherapy. A systematic review. European Journal of Nuclear Medicine and Molecular Imaging, 2017, 44, 1915-1927.	6.4	53
14	Accelerated Hypofractionated Image-Guided vs Conventional Radiotherapy for Patients With Stage II/III Non-Small Cell Lung Cancer and Poor Performance Status. JAMA Oncology, 2021, 7, 1497.	7.1	45
15	Personalized Ultrafractionated Stereotactic Adaptive Radiotherapy (PULSAR) in Preclinical Models Enhances Single-Agent Immune Checkpoint Blockade. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1306-1316.	0.8	41
16	Predicting distant failure in early stage NSCLC treated with SBRT using clinical parameters. Radiotherapy and Oncology, 2016, 119, 501-504.	0.6	39
17	Optimizing Dose and Fractionation for Stereotactic Body Radiation Therapy. , 2007, 40, 352-365.		37
18	Neoadjuvant SABR for Renal Cell Carcinoma Inferior Vena Cava Tumor Thrombus—Safety Lead-in Results of a Phase 2 Trial. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1135-1142.	0.8	36

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19	Localization Accuracy and Immobilization Effectiveness of a Stereotactic Body Frame for a Variety of Treatment Sites. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, 911-916.	0.8	35
20	Dosimetric evaluation of synthetic CT generated with GANs for MRI-only proton therapy treatment planning of brain tumors. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 76-86.	1.9	35
21	Stereotactic Ablative Radiotherapy Uncertainties: Delineation, Setup and Motion. <i>Seminars in Radiation Oncology</i> , 2018, 28, 207-217.	2.2	35
22	Optimal imaging surveillance after stereotactic ablative radiation therapy for early-stage non-small cell lung cancer: Findings of an International Delphi Consensus Study. <i>Practical Radiation Oncology</i> , 2018, 8, e71-e78.	2.1	32
23	Safety and efficacy of concurrent immune checkpoint inhibitors and hypofractionated body radiotherapy. <i>Oncolmmunology</i> , 2018, 7, e1440168.	4.6	31
24	Interim 18 F-FDG-PET/CT during chemo-radiotherapy in the management of oesophageal cancer patients. A systematic review. <i>Radiotherapy and Oncology</i> , 2017, 125, 200-212.	0.6	30
25	Stereotactic Ablative Radiotherapy (SABR) for Non-Small Cell Lung Cancer. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2013, 34, 845-854.	2.1	29
26	Efficacy of High Dose Per Fraction Radiation for Implanted Human Prostate Cancer in a Nude Mouse Model. <i>Journal of Urology</i> , 2006, 175, 1932-1936.	0.4	27
27	Volumetric modulated arc therapy based total body irradiation: Workflow and clinical experience with an indexed rotational immobilization system. <i>Physics and Imaging in Radiation Oncology</i> , 2017, 4, 22-25.	2.9	27
28	Neoadjuvant Stereotactic Radiosurgery Before Surgical Resection of Cerebral Metastases. <i>World Neurosurgery</i> , 2018, 120, e480-e487.	1.3	27
29	A Phase 2 Clinical Trial of SABR Followed by Immediate Vertebroplasty for Spine Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 83-89.	0.8	26
30	Phase II Trial of Stereotactic Ablative Radiation for Oligoprogressive Metastatic Kidney Cancer. <i>European Urology Oncology</i> , 2022, 5, 216-224.	5.4	26
31	Stereotactic Radiosurgery for Multiple Brain Metastases From Renal-Cell Carcinoma. <i>Clinical Genitourinary Cancer</i> , 2019, 17, e273-e280.	1.9	25
32	A pilot study using kernelled support tensor machine for distant failure prediction in lung SBRT. <i>Medical Image Analysis</i> , 2018, 50, 106-116.	11.6	22
33	The Role of Hypofractionated Radiation Therapy with Photons, Protons, and Heavy Ions for Treating Extracranial Lesions. <i>Frontiers in Oncology</i> , 2015, 5, 302.	2.8	20
34	Improved Survival Outcomes for Kidney Cancer Patients With Brain Metastases. <i>Clinical Genitourinary Cancer</i> , 2019, 17, e263-e272.	1.9	19
35	Stereotactic ablative radiation therapy for renal cell carcinoma with inferior vena cava tumor thrombus. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2022, 40, 166.e9-166.e13.	1.6	17
36	Volumetric Modulated Arc Therapy Enabled Total Body Irradiation (VMAT-TBI): Six-year Clinical Experience and Treatment Outcomes. <i>Transplantation and Cellular Therapy</i> , 2022, 28, 113.e1-113.e8.	1.2	15

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37	New Techniques for Irradiating Early Stage Breast Cancer: Stereotactic Partial Breast Irradiation. <i>Seminars in Radiation Oncology</i> , 2017, 27, 279-288.	2.2	14
38	Surface guided motion management in glottic larynx stereotactic body radiation therapy. <i>Radiotherapy and Oncology</i> , 2020, 153, 236-242.	0.6	14
39	The Expanding Roles of Stereotactic Body Radiation Therapy and Oligofractionation: Toward a New Practice of Radiotherapy. <i>Frontiers of Radiation Therapy and Oncology</i> , 2011, 43, 370-381.	1.4	13
40	Hypofractionated External-Beam Radiotherapy for Prostate Cancer. <i>Prostate Cancer</i> , 2013, 2013, 1-11.	0.6	12
41	Virtual Bronchoscopy-Guided Treatment Planning to Map and Mitigate Radiation-Induced Airway Injury in Lung SABR. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 210-218.	0.8	12
42	Cosmetic Outcomes of a Phase 1 Dose Escalation Study of 5-Fraction Stereotactic Partial Breast Irradiation for Early Stage Breast Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 772-782.	0.8	12
43	Adrenal insufficiency after stereotactic body radiation therapy for bilateral adrenal metastases. <i>Practical Radiation Oncology</i> , 2015, 5, e177-e181.	2.1	11
44	Inversed-Planned Respiratory Phase Gating in Lung Conformal Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 317-324.	0.8	11
45	Lung cancer specialists' opinions on treatment for stage I non-small cell lung cancer: A multidisciplinary survey. <i>Advances in Radiation Oncology</i> , 2018, 3, 125-129.	1.2	9
46	Benchmarking techniques for stereotactic body radiotherapy for early-stage glottic laryngeal cancer: LINAC-based non-coplanar VMAT vs. Cyberknife planning. <i>Radiation Oncology</i> , 2019, 14, 193.	2.7	9
47	Risk Factors for Fat Necrosis After Stereotactic Partial Breast Irradiation for Early-Stage Breast Cancer in a Phase 1 Clinical Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 108, 697-706.	0.8	9
48	Stereotactic Body Radiation Therapy for Renal Cell Carcinoma with Inferior Vena Cava Thrombus – Initial Experience Report and Literature Review. <i>Kidney Cancer</i> , 2019, 3, 71-77.	0.4	7
49	Spinal Nerve Tolerance to Single-Session Stereotactic Ablative Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 845-851.	0.8	7
50	Real-Time Whole-Brain Radiation Therapy: A Single-Institution Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 1280-1288.	0.8	6
51	Existence of a Dose-Length Effect in Spinal Nerves Receiving Single-Session Stereotactic Ablative Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 1010-1016.	0.8	6
52	Oculomotor Schwannomas: A Systematic Review and Report of Two Pediatric Cases Treated with Fractionated Cyberknife Stereotactic Radiotherapy. <i>World Neurosurgery</i> , 2019, 129, 487-496.	1.3	5
53	Radiation Therapy for Pediatric Brain Tumors using Robotic Radiation Delivery System and Intensity Modulated Proton Therapy. <i>Practical Radiation Oncology</i> , 2020, 10, e173-e182.	2.1	5
54	Future Directions in the Use of SABR for the Treatment of Oligometastatic Cancers. <i>Seminars in Radiation Oncology</i> , 2021, 31, 253-262.	2.2	5

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55	Considerations of target surface area and the risk of radiosurgical toxicity. PLoS ONE, 2019, 14, e0224047.	2.5	4
56	Expanded Radiosurgery Capabilities Utilizing Gamma Knife Iconâ„¢. Cureus, 2021, 13, e13998.	0.5	4
57	International Symposium on Ion Therapy: Planning the First Hospital-Based Heavy Ion Therapy Center in the United States. International Journal of Particle Therapy, 2015, 2, 468-470.	1.8	4
58	Factors associated with progression and mortality among patients undergoing stereotactic radiosurgery for intracranial metastasis: results from a national real-world registry. Journal of Neurosurgery, 2022, 137, 985-998.	1.6	4
59	Curing Metastatic Disease with Radiation Therapy: Myth or Reality?â€”Arguing for Reality. International Journal of Radiation Oncology Biology Physics, 2020, 107, 429-432.	0.8	3
60	Brachial Plexus Tolerance to Single-Session SABR in a Pig Model. International Journal of Radiation Oncology Biology Physics, 2022, 112, 565-571.	0.8	3
61	Intracranial anaplastic hemangiopericytoma presenting with simultaneous extra-cranial metastases: A case report and review of the literature. , 2019, 10, 148.		3
62	Primary central nervous system lymphoma: a real-world comparison of therapy access and outcomes by hospital setting. Neuro-Oncology Practice, 2022, 9, 183-192.	1.6	2
63	A How-To Compendium for GammaPod Treatments, Clinical Workflow, and Clinical Program at an Early Adopting Institution. Practical Radiation Oncology, 2022, 12, e177-e182.	2.1	1
64	The combination of radiation therapy and immunotherapy for genitourinary cancer treatment: rationale, current evidence, and prospects. Journal of Radiation Oncology, 2015, 4, 355-363.	0.7	0
65	In Reply to Gerber etÂ„al. International Journal of Radiation Oncology Biology Physics, 2017, 99, 499-500.	0.8	0
66	Ablative Therapy: A Reasonable Approach. International Journal of Radiation Oncology Biology Physics, 2017, 97, 448-449.	0.8	0
67	RADI-05. FRACTIONATED TREATMENT OF BRAIN METASTASES WITH GAMMA KNIFE ICON. Neuro-Oncology Advances, 2019, 1, i22-i22.	0.7	0
68	RADI-33. DISTRIBUTED FRAMELESS GAMMA KNIFE RADIOSURGERY: A NEW TREATMENT PARADIGM FOR PATIENTS WITH BRAIN METASTASES. Neuro-Oncology Advances, 2019, 1, i28-i28.	0.7	0
69	RADI-36. FRAME-BASED VERSUS FRAMELESS GAMMA KNIFE RADIOSURGERY FOR BRAIN METASTASES. Neuro-Oncology Advances, 2019, 1, i29-i29.	0.7	0
70	In Reply to Dalwadi etÂ„al. International Journal of Radiation Oncology Biology Physics, 2020, 106, 889.	0.8	0
71	Introduction: Radiation Therapy in Oligometastatic Disease. Seminars in Radiation Oncology, 2021, 31, 171-173.	2.2	0
72	Comparison of Demographics, Treatment Patterns and Outcomes Among Primary Central Nervous System Lymphoma (PCNSL) Patients Treated at a Safety-Net Hospital Versus a Tertiary Academic Institution within the Same Healthcare System. Blood, 2020, 136, 11-12.	1.4	0