

Sean S Park

List of Publications by Year in descending order

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papers

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times ranked

4580
citing authors

#	ARTICLE	IF	CITATIONS
1	Thoracic Radiotherapy for Renal Cell Carcinoma Metastases: Local Control for the Management of Lung and Mediastinal Disease in the Modern Era. <i>Clinical Genitourinary Cancer</i> , 2022, 20, 107-113.	0.9	3
2	Development and Assessment of a Predictive Score for Vertebral Compression Fracture After Stereotactic Body Radiation Therapy for Spinal Metastases. <i>JAMA Oncology</i> , 2022, 8, 412.	3.4	21
3	Intensity Modulated Proton Therapy for Bilateral Breast or Chest Wall and Comprehensive Nodal Irradiation for Synchronous Bilateral Breast Cancer: Initial Clinical Experience and Dosimetric Comparison. <i>Advances in Radiation Oncology</i> , 2022, 7, 100901.	0.6	3
4	Development and Internal Validation of a Recursive Partitioning Analysis-Based Model Predictive of Pain Flare Incidence After Spine Stereotactic Body Radiation Therapy. <i>Practical Radiation Oncology</i> , 2022, 12, e269-e277.	1.1	9
5	Overcoming Immunotherapy Resistance With Radiation Therapy and Dual Immune Checkpoint Blockade. <i>Advances in Radiation Oncology</i> , 2022, 7, 100931.	0.6	4
6	NKG7 Is a T-cell-Intrinsic Therapeutic Target for Improving Antitumor Cytotoxicity and Cancer Immunotherapy. <i>Cancer Immunology Research</i> , 2022, 10, 162-181.	1.6	26
7	A Dosimetric Comparison of Lattice, Brass, and Proton Grid Therapy Treatment Plans. <i>Practical Radiation Oncology</i> , 2022, 12, e442-e452.	1.1	8
8	Proton therapy for the treatment of inflammatory breast cancer. <i>Radiotherapy and Oncology</i> , 2022, 171, 77-83.	0.3	4
9	Rescuing Cancer Immunity by Plasma Exchange in Metastatic Melanoma (ReCIPE-M1): protocol for a single-institution, open-label safety trial of plasma exchange to clear sPD-L1 for immunotherapy. <i>BMJ Open</i> , 2022, 12, e050112.	0.8	6
10	Metastasis-directed Therapy Prolongs Efficacy of Systemic Therapy and Improves Clinical Outcomes in Oligoprogressive Castration-resistant Prostate Cancer. <i>European Urology Oncology</i> , 2021, 4, 447-455.	2.6	52
11	Patterns of Recurrence and Modes of Progression After Metastasis-Directed Therapy in Oligometastatic Castration-Sensitive Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 387-395.	0.4	19
12	VMAT Grid Therapy: A Widely Applicable Planning Approach. <i>Practical Radiation Oncology</i> , 2021, 11, e339-e347.	1.1	25
13	Categorisation of patients based on immune profiles: a new approach to identifying candidates for response to checkpoint inhibitors. <i>Clinical and Translational Immunology</i> , 2021, 10, e1267.	1.7	4
14	Reirradiation for Locoregional Recurrent Breast Cancer. <i>Advances in Radiation Oncology</i> , 2021, 6, 100640.	0.6	20
15	Ablative radiotherapy for ultracentral lung cancers: Dosimetric, geometric, and volumetric predictors of outcomes and toxicity. <i>Radiotherapy and Oncology</i> , 2021, 158, 246-252.	0.3	9
16	Functional avoidance-based intensity modulated proton therapy with 4DCT derived ventilation imaging for lung cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 276-285.	0.8	1
17	Evaluation of Safety of Stereotactic Body Radiotherapy for the Treatment of Patients With Multiple Metastases. <i>JAMA Oncology</i> , 2021, 7, 845.	3.4	56
18	Musculoskeletal Oncologic Interventions: Proceedings from the Society of Interventional Radiology and Society of Interventional Oncology Research Consensus Panel. <i>Journal of Vascular and Interventional Radiology</i> , 2021, 32, 1089.e1-1089.e9.	0.2	9

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19	Preclinical Risk Evaluation of Normal Tissue Injury With Novel Radiosensitizers. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, e54-e62.	0.4	7
20	Phase II Evaluation of Stereotactic Ablative Radiotherapy (SABR) and Immunity in 11C-Choline-PET/CT-Identified Oligometastatic Castration-Resistant Prostate Cancer. <i>Clinical Cancer Research</i> , 2021, 27, 6376-6383.	3.2	21
21	Non-invasive immunoPET imaging of PD-L1 using anti-PD-L1-B11 in breast cancer and melanoma tumor model. <i>Nuclear Medicine and Biology</i> , 2021, 100-101, 4-11.	0.3	6
22	Hypofractionated Irradiation and Immune Modulation Therapies: Let's Work Together!. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 111, 589-591.	0.4	0
23	Incorporation of Biologic Response Variance Modeling Into the Clinic: Limiting Risk of Brachial Plexopathy and Other Late Effects of Breast Cancer Proton Beam Therapy. <i>Practical Radiation Oncology</i> , 2020, 10, e71-e81.	1.1	15
24	Linear accelerator-based single-fraction stereotactic body radiotherapy for symptomatic vertebral body hemangiomas: The Mayo Clinic experience. <i>Journal of Clinical Neuroscience</i> , 2020, 80, 74-78.	0.8	7
25	Therapeutic plasma exchange clears circulating soluble PD-L1 and PD-L1-positive extracellular vesicles. <i>Journal of Clinical Investigation</i> , 2020, 130, e001113.		32
26	Association of tumor genomic factors and efficacy for metastasis-directed stereotactic body radiotherapy for oligometastatic colorectal cancer. <i>Radiotherapy and Oncology</i> , 2020, 146, 29-36.	0.3	20
27	Targeted Reduction of Senescent Cell Burden Alleviates Focal Radiotherapy-Related Bone Loss. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 1119-1131.	3.1	74
28	Surgery for Mesothelioma After Radiation Therapy (SMART); A Single Institution Experience. <i>Frontiers in Oncology</i> , 2020, 10, 392.	1.3	0
29	Case Report: Simultaneous Hyperprogression and Fulminant Myocarditis in a Patient With Advanced Melanoma Following Treatment With Immune Checkpoint Inhibitor Therapy. <i>Frontiers in Immunology</i> , 2020, 11, 561083.	2.2	12
30	In Reply to Hannoun-Levi and Hannoun. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 1177-1179.	0.4	0
31	11C-Choline PET Guided Salvage Radiation Therapy for Isolated Pelvic and Paraortic Nodal Recurrence of Prostate Cancer After Radical Prostatectomy: Rationale and Early Genitourinary or Gastrointestinal Toxicities. <i>Advances in Radiation Oncology</i> , 2019, 4, 659-667.	0.6	12
32	Post-mastectomy intensity modulated proton therapy after immediate breast reconstruction: Initial report of reconstruction outcomes and predictors of complications. <i>Radiotherapy and Oncology</i> , 2019, 140, 76-83.	0.3	34
33	Long-term Clinical Outcomes and Safety Profile of SBRT for Centrally Located NSCLC. <i>Advances in Radiation Oncology</i> , 2019, 4, 422-428.	0.6	24
34	Single-fraction Stereotactic Body Radiation Therapy versus Conventionally Fractionated Radiation Therapy for the Treatment of Prostate Cancer Bone Metastases. <i>Advances in Radiation Oncology</i> , 2019, 4, 314-322.	0.6	9
35	Percutaneous Image-Guided Nodal Biopsy After 11C-Choline PET/CT for Biochemically Recurrent Prostate Cancer: Imaging Predictors of Disease and Clinical Implications. <i>Advances in Radiation Oncology</i> , 2019, 4, 79-89.	0.6	2
36	Three-Fraction Intracavitary Accelerated Partial Breast Brachytherapy: Early Provider and Patient-Reported Outcomes of a Novel Regimen. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 75-82.	0.4	27

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37	3 fraction pencil-beam scanning proton accelerated partial breast irradiation: early provider and patient reported outcomes of a novel regimen. <i>Radiation Oncology</i> , 2019, 14, 211.	1.2	23
38	Potential role of senescence in radiation-induced damage of the aged skeleton. <i>Bone</i> , 2019, 120, 423-431.	1.4	31
39	Prospective Immunophenotyping of CD8+ T Cells and Associated Clinical Outcomes of Patients With Oligometastatic Prostate Cancer Treated With Metastasis-Directed SBRT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 229-240.	0.4	24
40	Carbon Fiducial Image Guidance Increases the Accuracy of Lumpectomy Cavity Localization in Radiation Therapy for Breast Cancer. <i>Practical Radiation Oncology</i> , 2019, 9, e14-e21.	1.1	3
41	Phantom Verification of AAA and Acuros Dose Calculations for Lung Cancer: Do Tumor Size and Regression Matter?. <i>Practical Radiation Oncology</i> , 2019, 9, 29-37.	1.1	13
42	Contraction of T cell richness in lung cancer brain metastases. <i>Scientific Reports</i> , 2018, 8, 2171.	1.6	74
43	Patient-reported outcomes of catheter-based accelerated partial breast brachytherapy and whole breast irradiation, a single institution experience. <i>Breast Cancer Research and Treatment</i> , 2018, 169, 189-196.	1.1	8
44	Stereotactic Body Radiotherapy for Medically Inoperable Stage I-II Non-“Small Cell Lung Cancer: The Mayo Clinic Experience. <i>Mayo Clinic Proceedings Innovations, Quality & Outcomes</i> , 2018, 2, 40-48.	1.2	19
45	Gemcitabine-Induced Radiation Recall Myositis: Case Report and Review of the Literature. <i>Case Reports in Oncology</i> , 2018, 11, 168-178.	0.3	13
46	Durable response of early-stage breast cancer to bilateral definitive SBRT in a medically inoperable patient. <i>Practical Radiation Oncology</i> , 2018, 8, 361-365.	1.1	5
47	Identification of Recurrence Sites Following Post-Prostatectomy Treatment for Prostate Cancer Using ¹¹ C-Choline Positron Emission Tomography and Multiparametric Pelvic Magnetic Resonance Imaging. <i>Journal of Urology</i> , 2018, 199, 726-733.	0.2	13
48	Combining Immune Checkpoint Inhibitors With Conventional Cancer Therapy. <i>Frontiers in Immunology</i> , 2018, 9, 1739.	2.2	174
49	CX3CR1 identifies PD-1 therapy-“responsive CD8+ T cells that withstand chemotherapy during cancer chemoimmunotherapy. <i>JCI Insight</i> , 2018, 3, .	2.3	106
50	Initial clinical experience of postmastectomy intensity modulated proton therapy in patients with breast expanders with metallic ports. <i>Practical Radiation Oncology</i> , 2017, 7, e243-e252.	1.1	34
51	Risk of Delayed Lymph Node Metastasis in Clinically NO Esthesioneuroblastoma. <i>Journal of Neurological Surgery, Part B: Skull Base</i> , 2017, 78, 068-074.	0.4	21
52	Immediate tissue expander or implant-based breast reconstruction does not compromise the oncologic delivery of post-mastectomy radiotherapy (PMRT). <i>Breast Cancer Research and Treatment</i> , 2017, 164, 237-244.	1.1	26
53	Sternum First, Perhaps Pelvis Later. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 98, 496.	0.4	0
54	¹⁸ F-FDG PET response and clinical outcomes after stereotactic body radiation therapy for metastatic melanoma. <i>Advances in Radiation Oncology</i> , 2017, 2, 204-210.	0.6	10

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55	Predictors of relapse and evaluation of the role of postoperative radiation therapy in a modern series of patients with surgically resected stage III (N2) non-small cell lung cancer. <i>Advances in Radiation Oncology</i> , 2017, 2, 12-18.	0.6	1
56	Comprehensive assessment of circulating immune cell populations in response to stereotactic body radiation therapy in patients with liver cancer. <i>Advances in Radiation Oncology</i> , 2017, 2, 540-547.	0.6	27
57	Role of radiotherapy in extracranial metastatic malignant melanoma in the modern era. <i>Clinical and Translational Radiation Oncology</i> , 2017, 6, 25-30.	0.9	5
58	Patient safety is improved with an incident learning system—Clinical evidence in brachytherapy. <i>Radiotherapy and Oncology</i> , 2017, 125, 94-100.	0.3	12
59	FDG-PET parameters as predictors of pathologic response and nodal clearance in patients with stage III non-small cell lung cancer receiving neoadjuvant chemoradiation and surgery. <i>Practical Radiation Oncology</i> , 2017, 7, e531-e541.	1.1	9
60	Patterns of Recurrence After Postprostatectomy Fossa Radiation Therapy Identified by C-11 Choline Positron Emission Tomography/Computed Tomography. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 526-535.	0.4	35
61	Delineation of Internal Mammary Nodal Target Volumes in Breast Cancer Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 762-769.	0.4	32
62	Identification of Site-specific Recurrence Following Primary Radiation Therapy for Prostate Cancer Using C-11 Choline Positron Emission Tomography/Computed Tomography: A Nomogram for Predicting Extrapelvic Disease. <i>European Urology</i> , 2017, 71, 340-348.	0.9	51
63	T cell Bim levels reflect responses to anti-PD-1 cancer therapy. <i>JCI Insight</i> , 2016, 1, .	2.3	68
64	Feasibility and full-course dosimetry of an intraoperatively placed multichannel brachytherapy catheter for accelerated partial breast irradiation. <i>Brachytherapy</i> , 2016, 15, 796-803.	0.2	6
65	BCL-2-interacting mediator of cell death (Bim) is a novel biomarker for response to anti-PD-1 therapy in patients with advanced melanoma. <i>Immunotherapy</i> , 2016, 8, 1351-1353.	1.0	6
66	A Novel Treatment Schedule for Rapid Completion of Surgery and Radiation in Early-Stage Breast Cancer. <i>Annals of Surgical Oncology</i> , 2016, 23, 3297-3303.	0.7	12
67	Establishment of practice standards in nomenclature and prescription to enable construction of software and databases for knowledge-based practice review. <i>Practical Radiation Oncology</i> , 2016, 6, e117-e126.	1.1	26
68	Cadaveric verification of the Eclipse AAA algorithm for spine SBRT treatments with titanium hardware. <i>Practical Radiation Oncology</i> , 2016, 6, 131-141.	1.1	8
69	Stereotactic Body Radiation Therapy for Oligometastatic Prostate Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 696-702.	0.4	87
70	Free Breathing versus Breath-Hold Scanning Beam Proton Therapy and Cardiac Sparing in Breast Cancer. <i>International Journal of Particle Therapy</i> , 2016, 3, 407-413.	0.9	12
71	PD-1 Restrains Radiotherapy-Induced Abscopal Effect. <i>Cancer Immunology Research</i> , 2015, 3, 610-619.	1.6	327
72	Safety and Tolerability of SBRT after High-Dose External Beam Radiation to the Lung. <i>Frontiers in Oncology</i> , 2015, 4, 376.	1.3	6

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73	Definitive Management of Oligometastatic Melanoma in a Murine Model Using Combined Ablative Radiation Therapy and Viral Immunotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 577-587.	0.4	17
74	Outcomes of Stereotactic Body Radiotherapy (SBRT) treatment of multiple synchronous and recurrent lung nodules. <i>Radiation Oncology</i> , 2015, 10, 43.	1.2	39
75	Delineation of Supraclavicular Target Volumes in Breast Cancer Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 642-649.	0.4	45
76	In Reply to Yang and Guo. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 723-724.	0.4	9
77	In Reply to Yartsev and Chen. <i>Practical Radiation Oncology</i> , 2015, 5, e555.	1.1	0
78	Synergy of cancer immunotherapy and radiotherapy. <i>Aging</i> , 2015, 7, 144-145.	1.4	9
79	Feasibility of Proton Transmission-Beam Stereotactic Ablative Radiotherapy versus Photon Stereotactic Ablative Radiotherapy for Lung Tumors: A Dosimetric and Feasibility Study. <i>PLoS ONE</i> , 2014, 9, e98621.	1.1	10
80	Analysis of automatic match results for cone-beam computed tomography localization of conventionally fractionated lung tumors. <i>Practical Radiation Oncology</i> , 2014, 4, 35-42.	1.1	6
81	Separating the dosimetric consequences of changing tumor anatomy from positional uncertainty for conventionally fractionated lung cancer patients. <i>Practical Radiation Oncology</i> , 2014, 4, 455-465.	1.1	8
82	Outcomes and toxicities of stereotactic body radiation therapy for non-spine bone oligometastases. <i>Practical Radiation Oncology</i> , 2014, 4, e143-e149.	1.1	62
83	External beam pulsed low dose radiotherapy using volumetric modulated arc therapy: Planning and delivery. <i>Medical Physics</i> , 2013, 40, 011704.	1.6	9
84	Pulsed Versus Conventional Radiation Therapy in Combination With Temozolomide in a Murine Orthotopic Model of Glioblastoma Multiforme. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 978-985.	0.4	24
85	Adaptive Image-Guided Radiotherapy (IGRT) Eliminates the Risk of Biochemical Failure Caused by the Bias of Rectal Distension in Prostate Cancer Treatment Planning: Clinical Evidence. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 947-952.	0.4	58
86	Oropharyngeal Cancer Biology and Treatment: Insights From Messenger RNA Sequence Analysis and Transoral Robotic Surgery. <i>Mayo Clinic Proceedings</i> , 2012, 87, 1132.	1.4	1
87	Stereotactic body radiation therapy in the treatment of oligometastatic prostate cancer. <i>Frontiers in Oncology</i> , 2012, 2, 215.	1.3	107
88	Accelerated Partial Breast Irradiation for Pure Ductal Carcinoma in Situ. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 403-408.	0.4	31
89	Longitudinal Assessment of Quality of Life and Audiometric Test Outcomes in Vestibular Schwannoma Patients Treated With Gamma Knife Surgery. <i>Otology and Neurotology</i> , 2011, 32, 676-679.	0.7	21
90	Differentiation between intra-axial metastatic tumor progression and radiation injury following fractionated radiation therapy or stereotactic radiosurgery using MR spectroscopy, perfusion MR imaging or volume progression modeling. <i>Magnetic Resonance Imaging</i> , 2011, 29, 993-1001.	1.0	64

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91	MicroPET/CT Imaging of an Orthotopic Model of Human Glioblastoma Multiforme and Evaluation of Pulsed Low-Dose Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 885-892.	0.4	35
92	Role of Pinin in neural crest, dorsal dermis, and axial skeleton development and its involvement in the regulation of Tcf/Lef activity in mice. <i>Developmental Dynamics</i> , 2007, 236, 2147-2158.	0.8	20
93	A Murine Model for Human Sepiapterin-Reductase Deficiency. <i>American Journal of Human Genetics</i> , 2006, 78, 575-587.	2.6	72
94	B-Cell Translocation Gene 2 (Btg2) Regulates Vertebral Patterning by Modulating Bone Morphogenetic Protein/Smad Signaling. <i>Molecular and Cellular Biology</i> , 2004, 24, 10256-10262.	1.1	67
95	Rational Second-Generation Antiandrogen Use in Prostate Cancer. <i>Oncologist</i> , 0, , .	1.9	10