

Danielle S Bitterman

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

831
citations

759233

12
h-index

677142

22
g-index

26
all docs

26
docs citations

26
times ranked

1088
citing authors

#	ARTICLE	IF	CITATIONS
1	Artificial intelligence in radiation oncology. <i>Nature Reviews Clinical Oncology</i> , 2020, 17, 771-781.	27.6	167
2	Cardiac Radiation Dose, Cardiac Disease, and Mortality in Patients With Lung Cancer. <i>Journal of the American College of Cardiology</i> , 2019, 73, 2976-2987.	2.8	163
3	Association of Left Anterior Descending Coronary Artery Radiation Dose With Major Adverse Cardiac Events and Mortality in Patients With Non-Small Cell Lung Cancer. <i>JAMA Oncology</i> , 2021, 7, 206.	7.1	101
4	Use of Natural Language Processing to Extract Clinical Cancer Phenotypes from Electronic Medical Records. <i>Cancer Research</i> , 2019, 79, 5463-5470.	0.9	97
5	Achieving gender equity in the radiation oncology physician workforce. <i>Advances in Radiation Oncology</i> , 2018, 3, 478-483.	1.2	59
6	Approaching autonomy in medical artificial intelligence. <i>The Lancet Digital Health</i> , 2020, 2, e447-e449.	12.3	41
7	Mean Heart Dose Is an Inadequate Surrogate for Left Anterior Descending Coronary Artery Dose and the Risk of Major Adverse Cardiac Events in Lung Cancer Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 1473-1479.	0.8	33
8	Clinical Natural Language Processing for Radiation Oncology: A Review and Practical Primer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 641-655.	0.8	30
9	Race Disparities in Proton Radiotherapy Use for Cancer Treatment in Patients Enrolled in Children's Oncology Group Trials. <i>JAMA Oncology</i> , 2020, 6, 1465.	7.1	26
10	Clinical Characteristics, Experiences, and Outcomes of Transgender Patients With Cancer. <i>JAMA Oncology</i> , 2021, 7, e205671.	7.1	23
11	Statin Use, Heart Radiation Dose, and Survival in Locally Advanced Lung Cancer. <i>Practical Radiation Oncology</i> , 2021, 11, e459-e467.	2.1	16
12	Master Protocol Trial Design for Efficient and Rational Evaluation of Novel Therapeutic Oncology Devices. <i>Journal of the National Cancer Institute</i> , 2020, 112, 229-237.	6.3	15
13	Deep-learning system to improve the quality and efficiency of volumetric heart segmentation for breast cancer. <i>Npj Digital Medicine</i> , 2021, 4, 43.	10.9	13
14	Elevated Coronary Artery Calcium Quantified by a Validated Deep Learning Model From Lung Cancer Radiotherapy Planning Scans Predicts Mortality. <i>JCO Clinical Cancer Informatics</i> , 2022, 6, e2100095.	2.1	9
15	Major adverse cardiac event risk prediction model incorporating baseline Cardiac disease, Hypertension, and Logarithmic Left anterior descending coronary artery radiation dose in lung cancer (CHyLL). <i>Radiotherapy and Oncology</i> , 2022, 169, 105-113.	0.6	9
16	Towards a standard of care in oncology for transgender patients. <i>Lancet Oncology</i> , The, 2019, 20, 331-333.	10.7	7
17	Radiation Safety and Cardiovascular Implantable Electronic Devices. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 243-246.	0.8	4
18	Impact of Diabetes and Insulin Use on Prognosis in Patients With Resected Pancreatic Cancer: An Ancillary Analysis of NRG Oncology RTOG 9704. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 109, 201-211.	0.8	4

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19	Definitive re-irradiation of locally recurrent esophageal cancer after trimodality therapy in patients with a poor performance status. <i>Molecular and Clinical Oncology</i> , 2020, 13, 27-32.	1.0	4
20	Dosimetric Planning Tradeoffs to Reduce Heart Dose Using Machine Learning-Guided Decision Support Software in Patients with Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 996-1003.	0.8	4
21	Palliative External Beam Radiation Therapy for Hepatocellular Carcinoma With Right Atrial Tumor Thrombus. <i>Practical Radiation Oncology</i> , 2020, 10, e183-e187.	2.1	2
22	The COVID-19 & Cancer Consortium (CCC19) and Opportunities for Radiation Oncology. <i>Advances in Radiation Oncology</i> , 2021, 6, 100614.	1.2	2
23	Prostate-specific antigen nadir and testosterone level at prostate-specific antigen failure following radiation and androgen suppression therapy for unfavorable-risk prostate cancer and the risk of all-cause and prostate cancer-specific mortality. <i>Cancer</i> , 2021, 127, 2623-2630.	4.1	2
24	A Central Role of Radiation Therapy in Central Nervous System Germinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 970-971.	0.8	0
25	An Intramedullary Enigma. <i>JAMA Oncology</i> , 2022, , .	7.1	0
26	Classifying unstructured electronic consult messages to understand primary care physician specialty information needs. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 0, , .	4.4	0