Danielle S Bitterman

List of Publications by Year
in descending order

26	831	759233 12	677142 22
papers	citations	h-index	g-index

26	26	26	1088
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Dosimetric Planning Tradeoffs to Reduce Heart Dose Using Machine Learning-Guided Decision Support Software in Patients with Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2022, 112, 996-1003.	0.8	4
2	Elevated Coronary Artery Calcium Quantified by a Validated Deep Learning Model From Lung Cancer Radiotherapy Planning Scans Predicts Mortality. JCO Clinical Cancer Informatics, 2022, 6, e2100095.	2.1	9
3	An Intramedullary Enigma. JAMA Oncology, 2022, , .	7.1	0
4	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). Radiotherapy and Oncology, 2022, 169, 105-113.	0.6	9
5	Impact of Diabetes and Insulin Use on Prognosis in Patients With Resected Pancreatic Cancer: An Ancillary Analysis of NRG Oncology RTOG 9704. International Journal of Radiation Oncology Biology Physics, 2021, 109, 201-211.	0.8	4
6	The COVID-19 & Cancer Consortium (CCC19) and Opportunities for Radiation Oncology. Advances in Radiation Oncology, 2021, 6, 100614.	1.2	2
7	Clinical Characteristics, Experiences, and Outcomes of Transgender Patients With Cancer. JAMA Oncology, 2021, 7, e205671.	7.1	23
8	Association of Left Anterior Descending Coronary Artery Radiation Dose With Major Adverse Cardiac Events and Mortality in Patients With Nonâ€“Small Cell Lung Cancer. JAMA Oncology, 2021, 7, 206.	7.1	101
9	Deep-learning system to improve the quality and efficiency of volumetric heart segmentation for breast cancer. Npj Digital Medicine, 2021, 4, 43.	10.9	13
10	Prostateâ€specific antigen nadir and testosterone level at prostateâ€specific antigen failure following radiation and androgen suppression therapy for unfavorableâ€risk prostate cancer and the risk of allâ€cause and prostate cancerâ€“specific mortality. Cancer, 2021, 127, 2623-2630.	4.1	2
11	Clinical Natural Language Processing for Radiation Oncology: A Review and Practical Primer. International Journal of Radiation Oncology Biology Physics, 2021, 110, 641-655.	0.8	30
12	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. International Journal of Radiation Oncology Biology Physics, 2021, 110, 1473-1479.	0.8	33
13	Statin Use, Heart Radiation Dose, and Survival in Locally Advanced Lung Cancer. Practical Radiation Oncology, 2021, 11, e459-e467.	2.1	16
14	Master Protocol Trial Design for Efficient and Rational Evaluation of Novel Therapeutic Oncology Devices. Journal of the National Cancer Institute, 2020, 112, 229-237.	6.3	15
15	Palliative External Beam Radiation Therapy for Hepatocellular Carcinoma With Right Atrial Tumor Thrombus. Practical Radiation Oncology, 2020, 10, e183-e187.	2.1	2
16	Race Disparities in Proton Radiotherapy Use for Cancer Treatment in Patients Enrolled in Childrenâ€™s Oncology Group Trials. JAMA Oncology, 2020, 6, 1465.	7.1	26
17	Artificial intelligence in radiation oncology. Nature Reviews Clinical Oncology, 2020, 17, 771-781.	27.6	167
18	Approaching autonomy in medical artificial intelligence. The Lancet Digital Health, 2020, 2, e447-e449.	12.3	41

#	Article	IF	Citations
19	Definitive reâ€irradiation of locally recurrent esophageal cancer after trimodality therapy in patients with a poor performance status. Molecular and Clinical Oncology, 2020, 13, 27-32.	1.0	4
20	A Central Role of Radiation Therapy in Central Nervous System Germinoma. International Journal of Radiation Oncology Biology Physics, 2019, 104, 970-971.	0.8	0
21	Use of Natural Language Processing to Extract Clinical Cancer Phenotypes from Electronic Medical Records. Cancer Research, 2019, 79, 5463-5470.	0.9	97
22	Cardiac Radiation Dose, Cardiac Disease, and Mortality in Patients With LungÂCancer. Journal of the American College of Cardiology, 2019, 73, 2976-2987.	2.8	163
23	Towards a standard of care in oncology for transgender patients. Lancet Oncology, The, 2019, 20, 331-333.	10.7	7
24	Achieving gender equity in the radiation oncology physician workforce. Advances in Radiation Oncology, 2018, 3, 478-483.	1.2	59
25	Radiation Safety and Cardiovascular Implantable Electronic Devices. International Journal of Radiation Oncology Biology Physics, 2018, 102, 243-246.	0.8	4
26	Classifying unstructured electronic consult messages to understand primary care physician specialty information needs. Journal of the American Medical Informatics Association: JAMIA, 0, , .	4.4	0