Bernard L Jones

List of Publications by Year
in descending order

93 papers	2,745 citations	185998 28 h-index	182168 51 g-index
93 all docs	93 docs citations	93 times ranked	4295 citing authors

#	Article	IF	Citations
1	Cardiac metabolic changes on ¹⁸Fâ€positron emission tomography after thoracic radiotherapy predict for overall survival in esophageal cancer patients. Journal of Applied Clinical Medical Physics, 2023, 24, e13552.	0.8	3
2	Results of a Multi-Institutional Phase 2 Clinical Trial for 4DCT-Ventilation Functional Avoidance Thoracic Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2022, 112, 986-995.	0.4	19
3	The role of concomitant chemoradiotherapy versus radiation alone in T1-3N0 HPV-positive and HPV-negative oropharyngeal squamous cell carcinoma. Oral Oncology, 2022, 130, 105907.	0.8	1
4	The Effects of Time to Treatment Initiation for Patients With Nonâ€“small-cell Lung Cancer in the United States. Clinical Lung Cancer, 2021, 22, e84-e97.	1.1	19
5	Factors predictive of 90â€day mortality after surgical resection for oral cavity cancer: Development of a recursive partitioning analysis for risk stratification. Head and Neck, 2021, 43, 2731-2739.	0.9	1
6	Simulation of xâ€rayâ€induced acoustic imaging for absolute dosimetry: Accuracy of image reconstruction methods. Medical Physics, 2020, 47, 1280-1290.	1.6	18
7	Evaluating Positron Emission Tomography-Based Functional Imaging Changes in the Heart After Chemo-Radiation for Patients With Lung Cancer. International Journal of Radiation Oncology Biology Physics, 2020, 106, 1063-1070.	0.4	12
8	Technical Note: Deep Learning approach for automatic detection and identification of patient positioning devices for radiation therapy. Medical Physics, 2020, 47, 5061-5069.	1.6	0
9	Optimizing Coded Aperture Imaging techniques to allow for online tracking of fiducial markers with highâ€energy scattered radiation from treatment beam. Medical Physics, 2020, 47, 4428-4438.	1.6	0
10	Objective assessment of the effects of tumor motion in radiation therapy. Medical Physics, 2019, 46, 3311-3323.	1.6	3
11	Quantifying Allowable Motion to Achieve Safe Dose Escalation in Pancreatic SBRT. Practical Radiation Oncology, 2019, 9, e432-e442.	1.1	6
12	The Effect of Time to Postoperative Radiation Therapy on Survival in Resected Merkel Cell Carcinoma. American Journal of Clinical Oncology: Cancer Clinical Trials, 2019, 42, 636-642.	0.6	8
13	The Clinical and Dosimetric Impact of Real-Time Target Tracking in Pancreatic SBRT. International Journal of Radiation Oncology Biology Physics, 2019, 103, 268-275.	0.4	24
14	Characterizing Spatial Lung Function for Esophageal Cancer Patients Undergoing Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2019, 103, 738-746.	0.4	9
15	Radiosurgery alone is associated with favorable outcomes for brain metastases from small-cell lung cancer. Lung Cancer, 2018, 120, 88-90.	0.9	47
16	Medical operability and inoperability drive survival in retrospective analyses comparing surgery and SBRT for early-stage lung cancer. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 810-811.	0.4	8
17	Impact of radiotherapy modalities on outcomes in the adjuvant management of uterine carcinosarcoma: A National Cancer Database analysis. Brachytherapy, 2018, 17, 194-200.	0.2	5
18	Perioperative Mortality in Nonelderly Adult Patients With Cancer. American Journal of Clinical Oncology: Cancer Clinical Trials, 2018, 41, 476-484.	0.6	13

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19	Post-Treatment Mortality After Surgery and Stereotactic Body Radiotherapy for Early-Stage Nonâ€“Small-Cell Lung Cancer. Journal of Clinical Oncology, 2018, 36, 642-651.	0.8	111
20	Radiofrequency Ablation Versus Stereotactic Body Radiotherapy for Localized Hepatocellular Carcinoma: Does Radiation Dose Make a Difference?. Journal of Clinical Oncology, 2018, 36, 2566-2567.	0.8	7
21	Comparing outcomes of concurrent chemotherapy regimens in patients 65 years old or older with locally advanced oropharyngeal carcinoma. Cancer, 2018, 124, 4322-4331.	2.0	8
22	Interim Analysis of a Two-Institution, Prospective Clinical Trial of 4DCT-Ventilation-based Functional Avoidance Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2018, 102, 1357-1365.	0.4	30
23	Outcomes Between Concurrent Cisplatin Versus Cetuximab in Locally Advanced Oropharyngeal Carcinoma: A SEER-Medicare Analysis. International Journal of Radiation Oncology Biology Physics, 2018, 100, 1335.	0.4	1
24	Nomogram for preoperative prediction of nodal extracapsular extension or positive surgical margins in oropharyngeal squamous cell carcinoma. Oral Oncology, 2018, 83, 73-80.	0.8	14
25	Assessing the use of 4<scp>DCT</scp>â€ventilation in preâ€operative surgical lung cancer evaluation. Medical Physics, 2017, 44, 200-208.	1.6	12
26	The Impact of Postoperative Radiotherapy for Thymoma and Thymic Carcinoma. Journal of Thoracic Oncology, 2017, 12, 734-744.	0.5	94
27	A comprehensive comparative analysis of treatment modalities for sinonasal malignancies. Cancer, 2017, 123, 3040-3049.	2.0	126
28	Metastatic nasopharyngeal carcinoma: Patterns of care and survival for patients receiving chemotherapy with and without local radiotherapy. Radiotherapy and Oncology, 2017, 124, 139-146.	0.3	63
29	Prostate brachytherapy, either alone or in combination with external beam radiation, is associated with longer overall survival in men with favorable pathologic Group 4 (Gleason score 8) prostate cancer. Brachytherapy, 2017, 16, 790-796.	0.2	9
30	Adjuvant radiotherapy improves overall survival in patients with resected gastric adenocarcinoma: A National Cancer Data Base analysis. Cancer, 2017, 123, 3402-3409.	2.0	29
31	A Multi-institution, Retrospective Analysis of Cervix Intracavitary Brachytherapy Treatments. Part 1: Is EQD2 Good Enough for Reporting Radiobiological Effects?. International Journal of Radiation Oncology Biology Physics, 2017, 99, 219-226.	0.4	6
32	An evaluation of motion mitigation techniques for pancreatic SBRT. Radiotherapy and Oncology, 2017, 124, 168-173.	0.3	45
33	Survival impact of induction chemotherapy in advanced head and neck cancer: A National Cancer Database analysis. Head and Neck, 2017, 39, 1113-1121.	0.9	12
34	Automated target tracking in kilovoltage images using dynamic templates of fiducial marker clusters. Medical Physics, 2017, 44, 364-374.	1.6	18
35	Fiducial Markers are Necessary for Accurate Delivery of Liver SBRT. International Journal of Radiation Oncology Biology Physics, 2017, 99, S222.	0.4	0
36	Benefits of Real-Time Image Guidance in Dose-Escalated Pancreatic SBRT. International Journal of Radiation Oncology Biology Physics, 2017, 99, E158-E159.	0.4	0

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37	Reply to Tumor localization may change the type of adjuvant treatment in gastric cancer. Cancer, 2017, 123, 4737-4738.	2.0	0
38	Neural network dose models for knowledgeâ€based planning in pancreatic <scp>SBRT</scp>. Medical Physics, 2017, 44, 6148-6158.	1.6	52
39	Impact of immunotherapy among patients with melanoma brain metastases managed with radiotherapy. Journal of Neuroimmunology, 2017, 313, 118-122.	1.1	34
40	Patterns of Care for Locally Advanced Pancreatic Adenocarcinoma Using the National Cancer Database. Pancreas, 2017, 46, 904-912.	0.5	12
41	Patterns of fractionation for patients with T2N0M0 glottic larynx cancer undergoing definitive radiotherapy in the United States. Oral Oncology, 2017, 72, 110-116.	0.8	9
42	A comparison of overall survival for patients with T4 larynx cancer treated with surgical versus organâ€preservation approaches: A National Cancer Data Base analysis. Cancer, 2017, 123, 600-608.	2.0	48
43	Impact of facility volume on outcomes in patients with squamous cell carcinoma of the anal canal: Analysis of the National Cancer Data Base. Cancer, 2017, 123, 228-236.	2.0	34
44	Survival impact of pre-treatment neutrophils on oropharyngeal and laryngeal cancer patients undergoing definitive radiotherapy. Journal of Translational Medicine, 2017, 15, 168.	1.8	22
45	Reply to J.B. Aragon-Ching and D. Dalela et al. Journal of Clinical Oncology, 2017, 35, 916-917.	0.8	0
46	Survival outcomes with concurrent chemoradiation for elderly patients with locally advanced head and neck cancer according to the National Cancer Data Base. Cancer, 2016, 122, 1533-1543.	2.0	84
47	Combined-Modality Therapy With Radiation and Chemotherapy for Elderly Patients With Glioblastoma in the Temozolomide Era. JAMA Neurology, 2016, 73, 821.	4.5	46
48	Disparities in disease presentation in the four screenable cancers according to health insurance status. Public Health, 2016, 138, 50-56.	1.4	30
49	Improved Survival with Brachytherapy as a Component of Definitive Therapy for Favorable High-Risk Prostate Cancer. Brachytherapy, 2016, 15, S22-S23.	0.2	0
50	A Novel Lung Function Imaging Modality for Surgical Lung Cancer Evaluation. International Journal of Radiation Oncology Biology Physics, 2016, 96, S46.	0.4	1
51	Impact of Facility Volume on Outcomes in Patients with Squamous Cell Carcinoma of the Anal Canal: Analysis of the National Cancer Data Base. International Journal of Radiation Oncology Biology Physics, 2016, 96, S188.	0.4	0
52	Association of Adjuvant Chemoradiotherapy vs Radiotherapy Alone With Survival in Patients With Resected Major Salivary Gland Carcinoma. JAMA Otolaryngology - Head and Neck Surgery, 2016, 142, 1100.	1.2	99
53	To Compress, or to Gate? Abdominal Compression versus Respiratory Gating in Pancreatic Stereotactic Body Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2016, 96, S213.	0.4	0
54	Treatment Selection and Survival Outcomes With and Without Radiation for Unresectable, Localized Intrahepatic Cholangiocarcinoma. Cancer Journal (Sudbury, Mass), 2016, 22, 237-242.	1.0	26

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55	Improved survival with combined modality therapy in the modern era for primary mediastinal <scp>B</scp>â€cell lymphoma. American Journal of Hematology, 2016, 91, 476-480.	2.0	25
56	Improved Survival With Prostate Radiation in Addition to Androgen Deprivation Therapy for Men With Newly Diagnosed Metastatic Prostate Cancer. Journal of Clinical Oncology, 2016, 34, 2835-2842.	0.8	213
57	Characterization of image quality in digital tomosynthesis for radiotherapy applications. Biomedical Physics and Engineering Express, 2016, 2, 025013.	0.6	0
58	Association of health insurance with outcomes in adults ages 18 to 64Âyears with melanoma in the United States. Journal of the American Academy of Dermatology, 2016, 74, 309-316.	0.6	47
59	Predictors of overall survival in human papillomavirus-associated oropharyngeal cancer using the National Cancer Data Base. Oral Oncology, 2016, 56, 1-7.	0.8	76
60	The impact of postmastectomy and regional nodal radiation after neoadjuvant chemotherapy for clinically lymph node-positive breast cancer: a National Cancer Database (NCDB) analysis. Annals of Oncology, 2016, 27, 818-827.	0.6	79
61	Survival Outcomes of Dose-Escalated External Beam Radiotherapy versus Combined Brachytherapy for Intermediate and High Risk Prostate Cancer Using the National Cancer Data Base. Journal of Urology, 2016, 195, 1453-1458.	0.2	22
62	Survival outcomes of combined external beam radiotherapy and brachytherapy vs. brachytherapy alone for intermediate-risk prostate cancer patients using the National Cancer Data Base. Brachytherapy, 2016, 15, 136-146.	0.2	8
63	Survival outcomes of radiotherapy with or without androgen-deprivation therapy for patients with intermediate-risk prostate cancer using the National Cancer Data Base. Urologic Oncology: Seminars and Original Investigations, 2016, 34, 165.e1-165.e9.	0.8	12
64	Improved Survival With Radiation Therapy in Stage I-II Primary Mediastinal B Cell Lymphoma: A Surveillance, Epidemiology, and End Results Database Analysis. International Journal of Radiation Oncology Biology Physics, 2016, 94, 126-132.	0.4	18
65	Stereotactic body radiation therapy for pancreatic cancer: Assessing motion with and without abdominal compression.. Journal of Clinical Oncology, 2016, 34, 234-234.	0.8	1
66	Survival outcomes of dose-escalated external beam radiotherapy (DE-EBRT) versus combined brachytherapy for intermediate- and high-risk prostate cancer using the National Cancer Data Base.. Journal of Clinical Oncology, 2016, 34, 7-7.	0.8	0
67	WE-AB-BRA-06: 4DCT-Ventilation: A Novel Imaging Modality for Thoracic Surgical Evaluation. Medical Physics, 2016, 43, 3792-3792.	1.6	0
68	Disparities in Disease Presentation for Breast, Prostate, Colorectal, and Cervical Cancer According to Insurance Status: Does Insurance Status Predict for Worse Disease Presentation in the Four Screenable Cancers?. International Journal of Radiation Oncology Biology Physics, 2015, 93, E371.	0.4	0
69	Calculating tumor trajectory and doseâ€ofâ€theâ€day using coneâ€beam CT projections. Medical Physics, 2015, 42, 694-702.	1.6	8
70	Adaptive motion mapping in pancreatic SBRT patients using Fourier transforms. Radiotherapy and Oncology, 2015, 115, 217-222.	0.3	16
71	Survival Outcomes of Whole-Pelvic Versus Prostate-Only Radiation Therapy for High-Risk Prostate Cancer Patients With Use of the National Cancer Data Base. International Journal of Radiation Oncology Biology Physics, 2015, 93, 1052-1063.	0.4	32
72	TH-AB-303-08: Dealing with Erratic Motion: Respiratory Gating Using Internal Surrogates in Pancreatic SBRT. Medical Physics, 2015, 42, 3712-3712.	1.6	0

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73	Optimized dynamic contrast-enhanced cone-beam CT for target visualization during liver SBRT. Journal of Physics: Conference Series, 2014, 489, 012035.	0.3	4
74	Improving xâ€ray fluorescence signal for benchtop polychromatic coneâ€beam xâ€ray fluorescence computed tomography by incident xâ€ray spectrum optimization: A Monte Carlo study. Medical Physics, 2014, 41, 101906.	1.6	31
75	Effect of endorectal balloon positioning errors on target deformation and dosimetric quality during prostate SBRT. Physics in Medicine and Biology, 2013, 58, 7995-8006.	1.6	19
76	WE-G-134-01: A Novel Method to Correct Scatter and Metal Artifacts in Kilovoltage CBCT Using Megavoltage Projections. Medical Physics, 2013, 40, 512-512.	1.6	0
77	SU-E-T-412: What Is the Benefit of Fiducial Marker Implantation for Pancreatic SBRT?. Medical Physics, 2013, 40, 299-299.	1.6	0
78	TH-A-141-06: Optimization of Incident X-Ray Source Spectrum Through Filtration for a Benchtop X-Ray Fluorescence Computed Tomography (XFCT) System. Medical Physics, 2013, 40, 523-523.	1.6	0
79	Experimental demonstration of benchtop x-ray fluorescence computed tomography (XFCT) of gold nanoparticle-loaded objects using lead- and tin-filtered polychromatic cone-beams. Physics in Medicine and Biology, 2012, 57, N457-N467.	1.6	116
80	Dosimetric and deformation effects of imageâ€guided interventions during stereotactic body radiation therapy of the prostate using an endorectal balloon. Medical Physics, 2012, 39, 3080-3088.	1.6	18
81	TH-A-213CD-03: Polychromatic Cone-Beam X-Ray Fluorescence Computed Tomography of Gold Nanoparticle-Loaded Objects. Medical Physics, 2012, 39, 3986-3987.	1.6	1
82	WE-G-217BCD-08: Image Quality Effects of Dynamic Iodine Concentrations for Contrast-Enhanced Cone-Beam CT. Medical Physics, 2012, 39, 3974-3974.	1.6	0
83	Genome Sequences for Five Strains of the Emerging Pathogen Haemophilus haemolyticus. Journal of Bacteriology, 2011, 193, 5879-5880.	1.0	20
84	The feasibility of polychromatic cone-beam x-ray fluorescence computed tomography (XFCT) imaging of gold nanoparticle-loaded objects: a Monte Carlo study. Physics in Medicine and Biology, 2011, 56, 3719-3730.	1.6	73
85	WE-G-211-04: Experimental Demonstration of Cone-Beam Polychromatic X-Ray Fluorescence Computed Tomography (XFCT) Imaging of Gold Nanoparticle-Loaded Regions within Small Animal-Sized Phantoms. Medical Physics, 2011, 38, 3835-3835.	1.6	0
86	WE-G-211-07: Quasi-Monochromatization of 110 KVp X-Rays for Bench-Top X-Ray Fluorescence Computed Tomography (XFCT) Imaging of Gold Nanoparticle-Loaded Objects. Medical Physics, 2011, 38, 3836-3836.	1.6	0
87	X-ray fluorescence computed tomography (XFCT) imaging of gold nanoparticle-loaded objects using 110 kVp x-rays. Physics in Medicine and Biology, 2010, 55, 647-662.	1.6	183
88	Estimation of microscopic dose enhancement factor around gold nanoparticles by Monte Carlo calculations. Medical Physics, 2010, 37, 3809-3816.	1.6	206
89	WEâ€Eâ€204Bâ€03: Feasibility of Benchâ€Top Polychromatic Coneâ€Beam Xâ€Ray Fluorescence Computed Tomography (XFCT) for Inâ€Phantom Detection of Gold Nanoparticles. Medical Physics, 2010, 37, 3438-3438.	1.6	1
90	The dosimetric feasibility of gold nanoparticle-aided radiation therapy (GNRT) via brachytherapy using low-energy gamma-/x-ray sources. Physics in Medicine and Biology, 2009, 54, 4889-4905.	1.6	199

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91	TH-D-210A-04: Monte Carlo Calculations of Microscopic Dose Enhancement Factor for Gold Nanoparticle-Aided Radiation Therapy. Medical Physics, 2009, 36, 2819-2819.	1.6	0
92	A TRU-Zr Metal-Fuel Sodium-Cooled Fast Subcritical Advanced Burner Reactor. Nuclear Technology, 2008, 162, 53-79.	0.7	39
93	SUâ€GGâ€Jâ€129: Monte Carlo Calculations of Secondary Electron Spectra for Various Mixtures of Gold and Water Mimicking Tumors Loaded with Gold Nanoparticles. Medical Physics, 2008, 35, 2708-2709.	1.6	0