

Bernard L Jones

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1038258/publications.pdf>

Version: 2024-02-01

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	Improved Survival With Prostate Radiation in Addition to Androgen Deprivation Therapy for Men With Newly Diagnosed Metastatic Prostate Cancer. <i>Journal of Clinical Oncology</i> , 2016, 34, 2835-2842.	0.8	213
2	Estimation of microscopic dose enhancement factor around gold nanoparticles by Monte Carlo calculations. <i>Medical Physics</i> , 2010, 37, 3809-3816.	1.6	206
3	The dosimetric feasibility of gold nanoparticle-aided radiation therapy (GNRT) via brachytherapy using low-energy gamma/x-ray sources. <i>Physics in Medicine and Biology</i> , 2009, 54, 4889-4905.	1.6	199
4	X-ray fluorescence computed tomography (XFCT) imaging of gold nanoparticle-loaded objects using 110 kVp x-rays. <i>Physics in Medicine and Biology</i> , 2010, 55, 647-662.	1.6	183
5	A comprehensive comparative analysis of treatment modalities for sinonasal malignancies. <i>Cancer</i> , 2017, 123, 3040-3049.	2.0	126
6	Experimental demonstration of benchtop x-ray fluorescence computed tomography (XFCT) of gold nanoparticle-loaded objects using lead- and tin-filtered polychromatic cone-beams. <i>Physics in Medicine and Biology</i> , 2012, 57, N457-N467.	1.6	116
7	Post-Treatment Mortality After Surgery and Stereotactic Body Radiotherapy for Early-Stage Non-Small-Cell Lung Cancer. <i>Journal of Clinical Oncology</i> , 2018, 36, 642-651.	0.8	111
8	Association of Adjuvant Chemoradiotherapy vs Radiotherapy Alone With Survival in Patients With Resected Major Salivary Gland Carcinoma. <i>JAMA Otolaryngology - Head and Neck Surgery</i> , 2016, 142, 1100.	1.2	99
9	The Impact of Postoperative Radiotherapy for Thymoma and Thymic Carcinoma. <i>Journal of Thoracic Oncology</i> , 2017, 12, 734-744.	0.5	94
10	Survival outcomes with concurrent chemoradiation for elderly patients with locally advanced head and neck cancer according to the National Cancer Data Base. <i>Cancer</i> , 2016, 122, 1533-1543.	2.0	84
11	The impact of postmastectomy and regional nodal radiation after neoadjuvant chemotherapy for clinically lymph node-positive breast cancer: a National Cancer Database (NCDB) analysis. <i>Annals of Oncology</i> , 2016, 27, 818-827.	0.6	79
12	Predictors of overall survival in human papillomavirus-associated oropharyngeal cancer using the National Cancer Data Base. <i>Oral Oncology</i> , 2016, 56, 1-7.	0.8	76
13	The feasibility of polychromatic cone-beam x-ray fluorescence computed tomography (XFCT) imaging of gold nanoparticle-loaded objects: a Monte Carlo study. <i>Physics in Medicine and Biology</i> , 2011, 56, 3719-3730.	1.6	73
14	Metastatic nasopharyngeal carcinoma: Patterns of care and survival for patients receiving chemotherapy with and without local radiotherapy. <i>Radiotherapy and Oncology</i> , 2017, 124, 139-146.	0.3	63
15	Neural network dose models for knowledge-based planning in pancreatic SBRT. <i>Medical Physics</i> , 2017, 44, 6148-6158.	1.6	52
16	A comparison of overall survival for patients with T4 larynx cancer treated with surgical versus organ preservation approaches: A National Cancer Data Base analysis. <i>Cancer</i> , 2017, 123, 600-608.	2.0	48
17	Association of health insurance with outcomes in adults ages 18 to 64 years with melanoma in the United States. <i>Journal of the American Academy of Dermatology</i> , 2016, 74, 309-316.	0.6	47
18	Radiosurgery alone is associated with favorable outcomes for brain metastases from small-cell lung cancer. <i>Lung Cancer</i> , 2018, 120, 88-90.	0.9	47

#	ARTICLE	IF	CITATIONS
19	Combined-Modality Therapy With Radiation and Chemotherapy for Elderly Patients With Glioblastoma in the Temozolomide Era. <i>JAMA Neurology</i> , 2016, 73, 821.	4.5	46
20	An evaluation of motion mitigation techniques for pancreatic SBRT. <i>Radiotherapy and Oncology</i> , 2017, 124, 168-173.	0.3	45
21	A TRU-Zr Metal-Fuel Sodium-Cooled Fast Subcritical Advanced Burner Reactor. <i>Nuclear Technology</i> , 2008, 162, 53-79.	0.7	39
22	Impact of immunotherapy among patients with melanoma brain metastases managed with radiotherapy. <i>Journal of Neuroimmunology</i> , 2017, 313, 118-122.	1.1	34
23	Impact of facility volume on outcomes in patients with squamous cell carcinoma of the anal canal: Analysis of the National Cancer Data Base. <i>Cancer</i> , 2017, 123, 228-236.	2.0	34
24	Survival Outcomes of Whole-Pelvic Versus Prostate-Only Radiation Therapy for High-Risk Prostate Cancer Patients With Use of the National Cancer Data Base. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 1052-1063.	0.4	32
25	Improving x-ray fluorescence signal for benchtop polychromatic cone-beam x-ray fluorescence computed tomography by incident x-ray spectrum optimization: A Monte Carlo study. <i>Medical Physics</i> , 2014, 41, 101906.	1.6	31
26	Disparities in disease presentation in the four screenable cancers according to health insurance status. <i>Public Health</i> , 2016, 138, 50-56.	1.4	30
27	Interim Analysis of a Two-Institution, Prospective Clinical Trial of 4DCT-Ventilation-based Functional Avoidance Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, 1357-1365.	0.4	30
28	Adjuvant radiotherapy improves overall survival in patients with resected gastric adenocarcinoma: A National Cancer Data Base analysis. <i>Cancer</i> , 2017, 123, 3402-3409.	2.0	29
29	Treatment Selection and Survival Outcomes With and Without Radiation for Unresectable, Localized Intrahepatic Cholangiocarcinoma. <i>Cancer Journal (Sudbury, Mass)</i> , 2016, 22, 237-242.	1.0	26
30	Improved survival with combined modality therapy in the modern era for primary mediastinal B-cell lymphoma. <i>American Journal of Hematology</i> , 2016, 91, 476-480.	2.0	25
31	The Clinical and Dosimetric Impact of Real-Time Target Tracking in Pancreatic SBRT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 268-275.	0.4	24
32	Survival Outcomes of Dose-Escalated External Beam Radiotherapy versus Combined Brachytherapy for Intermediate and High Risk Prostate Cancer Using the National Cancer Data Base. <i>Journal of Urology</i> , 2016, 195, 1453-1458.	0.2	22
33	Survival impact of pre-treatment neutrophils on oropharyngeal and laryngeal cancer patients undergoing definitive radiotherapy. <i>Journal of Translational Medicine</i> , 2017, 15, 168.	1.8	22
34	Genome Sequences for Five Strains of the Emerging Pathogen <i>Haemophilus haemolyticus</i> . <i>Journal of Bacteriology</i> , 2011, 193, 5879-5880.	1.0	20
35	Effect of endorectal balloon positioning errors on target deformation and dosimetric quality during prostate SBRT. <i>Physics in Medicine and Biology</i> , 2013, 58, 7995-8006.	1.6	19
36	The Effects of Time to Treatment Initiation for Patients With Non-small-cell Lung Cancer in the United States. <i>Clinical Lung Cancer</i> , 2021, 22, e84-e97.	1.1	19

#	ARTICLE	IF	CITATIONS
37	Results of a Multi-Institutional Phase 2 Clinical Trial for 4DCT-Ventilation Functional Avoidance Thoracic Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2022, 112, 986-995.	0.4	19
38	Dosimetric and deformation effects of image-guided interventions during stereotactic body radiation therapy of the prostate using an endorectal balloon. <i>Medical Physics</i> , 2012, 39, 3080-3088.	1.6	18
39	Improved Survival With Radiation Therapy in Stage I-II Primary Mediastinal B Cell Lymphoma: A Surveillance, Epidemiology, and End Results Database Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 94, 126-132.	0.4	18
40	Automated target tracking in kilovoltage images using dynamic templates of fiducial marker clusters. <i>Medical Physics</i> , 2017, 44, 364-374.	1.6	18
41	Simulation of x-ray-induced acoustic imaging for absolute dosimetry: Accuracy of image reconstruction methods. <i>Medical Physics</i> , 2020, 47, 1280-1290.	1.6	18
42	Adaptive motion mapping in pancreatic SBRT patients using Fourier transforms. <i>Radiotherapy and Oncology</i> , 2015, 115, 217-222.	0.3	16
43	Nomogram for preoperative prediction of nodal extracapsular extension or positive surgical margins in oropharyngeal squamous cell carcinoma. <i>Oral Oncology</i> , 2018, 83, 73-80.	0.8	14
44	Perioperative Mortality in Nonelderly Adult Patients With Cancer. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2018, 41, 476-484.	0.6	13
45	Survival outcomes of radiotherapy with or without androgen-deprivation therapy for patients with intermediate-risk prostate cancer using the National Cancer Data Base. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2016, 34, 165.e1-165.e9.	0.8	12
46	Assessing the use of 4DCT-ventilation in preoperative surgical lung cancer evaluation. <i>Medical Physics</i> , 2017, 44, 200-208.	1.6	12
47	Survival impact of induction chemotherapy in advanced head and neck cancer: A National Cancer Database analysis. <i>Head and Neck</i> , 2017, 39, 1113-1121.	0.9	12
48	Patterns of Care for Locally Advanced Pancreatic Adenocarcinoma Using the National Cancer Database. <i>Pancreas</i> , 2017, 46, 904-912.	0.5	12
49	Evaluating Positron Emission Tomography-Based Functional Imaging Changes in the Heart After Chemo-Radiation for Patients With Lung Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 1063-1070.	0.4	12
50	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. <i>Brachytherapy</i> , 2017, 16, 790-796.	0.2	9
51	Patterns of fractionation for patients with T2N0M0 glottic larynx cancer undergoing definitive radiotherapy in the United States. <i>Oral Oncology</i> , 2017, 72, 110-116.	0.8	9
52	Characterizing Spatial Lung Function for Esophageal Cancer Patients Undergoing Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 103, 738-746.	0.4	9
53	Calculating tumor trajectory and dose-of-the-day using cone-beam CT projections. <i>Medical Physics</i> , 2015, 42, 694-702.	1.6	8
54	Survival outcomes of combined external beam radiotherapy and brachytherapy vs. brachytherapy alone for intermediate-risk prostate cancer patients using the National Cancer Data Base. <i>Brachytherapy</i> , 2016, 15, 136-146.	0.2	8

#	ARTICLE	IF	CITATIONS
55	Medical operability and inoperability drive survival in retrospective analyses comparing surgery and SBRT for early-stage lung cancer. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2018, 155, 810-811.	0.4	8
56	Comparing outcomes of concurrent chemotherapy regimens in patients 65 years old or older with locally advanced oropharyngeal carcinoma. <i>Cancer</i> , 2018, 124, 4322-4331.	2.0	8
57	The Effect of Time to Postoperative Radiation Therapy on Survival in Resected Merkel Cell Carcinoma. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2019, 42, 636-642.	0.6	8
58	Radiofrequency Ablation Versus Stereotactic Body Radiotherapy for Localized Hepatocellular Carcinoma: Does Radiation Dose Make a Difference?. <i>Journal of Clinical Oncology</i> , 2018, 36, 2566-2567.	0.8	7
59	A Multi-institution, Retrospective Analysis of Cervix Intracavitary Brachytherapy Treatments. Part 1: Is EQD2 Good Enough for Reporting Radiobiological Effects?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, 219-226.	0.4	6
60	Quantifying Allowable Motion to Achieve Safe Dose Escalation in Pancreatic SBRT. <i>Practical Radiation Oncology</i> , 2019, 9, e432-e442.	1.1	6
61	Impact of radiotherapy modalities on outcomes in the adjuvant management of uterine carcinosarcoma: A National Cancer Database analysis. <i>Brachytherapy</i> , 2018, 17, 194-200.	0.2	5
62	Optimized dynamic contrast-enhanced cone-beam CT for target visualization during liver SBRT. <i>Journal of Physics: Conference Series</i> , 2014, 489, 012035.	0.3	4
63	Objective assessment of the effects of tumor motion in radiation therapy. <i>Medical Physics</i> , 2019, 46, 3311-3323.	1.6	3
64	Cardiac metabolic changes on ¹⁸ F-positron emission tomography after thoracic radiotherapy predict for overall survival in esophageal cancer patients. <i>Journal of Applied Clinical Medical Physics</i> , 2023, 24, e13552.	0.8	3
65	A Novel Lung Function Imaging Modality for Surgical Lung Cancer Evaluation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, S46.	0.4	1
66	Outcomes Between Concurrent Cisplatin Versus Cetuximab in Locally Advanced Oropharyngeal Carcinoma: A SEER-Medicare Analysis. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 1335.	0.4	1
67	Factors predictive of 90-day mortality after surgical resection for oral cavity cancer: Development of a recursive partitioning analysis for risk stratification. <i>Head and Neck</i> , 2021, 43, 2731-2739.	0.9	1
68	WEA-204B-03: Feasibility of Bench-Top Polychromatic Cone-Beam X-Ray Fluorescence Computed Tomography (XFCT) for In-Phantom Detection of Gold Nanoparticles. <i>Medical Physics</i> , 2010, 37, 3438-3438.	1.6	1
69	TH-A-213CD-03: Polychromatic Cone-Beam X-Ray Fluorescence: Computed Tomography of Gold Nanoparticle-Loaded Objects. <i>Medical Physics</i> , 2012, 39, 3986-3987.	1.6	1
70	Stereotactic body radiation therapy for pancreatic cancer: Assessing motion with and without abdominal compression.. <i>Journal of Clinical Oncology</i> , 2016, 34, 234-234.	0.8	1
71	The role of concomitant chemoradiotherapy versus radiation alone in T1-3N0 HPV-positive and HPV-negative oropharyngeal squamous cell carcinoma. <i>Oral Oncology</i> , 2022, 130, 105907.	0.8	1
72	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?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, E371.	0.4	0

#	ARTICLE	IF	CITATIONS
73	Improved Survival with Brachytherapy as a Component of Definitive Therapy for Favorable High-Risk Prostate Cancer. <i>Brachytherapy</i> , 2016, 15, S22-S23.	0.2	0
74	Impact of Facility Volume on Outcomes in Patients with Squamous Cell Carcinoma of the Anal Canal: Analysis of the National Cancer Data Base. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, S188.	0.4	0
75	To Compress, or to Gate? Abdominal Compression versus Respiratory Gating in Pancreatic Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 96, S213.	0.4	0
76	Characterization of image quality in digital tomosynthesis for radiotherapy applications. <i>Biomedical Physics and Engineering Express</i> , 2016, 2, 025013.	0.6	0
77	Fiducial Markers are Necessary for Accurate Delivery of Liver SBRT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, S222.	0.4	0
78	Benefits of Real-Time Image Guidance in Dose-Escalated Pancreatic SBRT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, E158-E159.	0.4	0
79	Reply to Tumor localization may change the type of adjuvant treatment in gastric cancer. <i>Cancer</i> , 2017, 123, 4737-4738.	2.0	0
80	Reply to J.B. Aragon-Ching and D. Dalela et al. <i>Journal of Clinical Oncology</i> , 2017, 35, 916-917.	0.8	0
81	Technical Note: Deep Learning approach for automatic detection and identification of patient positioning devices for radiation therapy. <i>Medical Physics</i> , 2020, 47, 5061-5069.	1.6	0
82	Optimizing Coded Aperture Imaging techniques to allow for online tracking of fiducial markers with high-energy scattered radiation from treatment beam. <i>Medical Physics</i> , 2020, 47, 4428-4438.	1.6	0
83	SU-GG-129: Monte Carlo Calculations of Secondary Electron Spectra for Various Mixtures of Gold and Water Mimicking Tumors Loaded with Gold Nanoparticles. <i>Medical Physics</i> , 2008, 35, 2708-2709.	1.6	0
84	TH-D-210A-04: Monte Carlo Calculations of Microscopic Dose Enhancement Factor for Gold Nanoparticle-Aided Radiation Therapy. <i>Medical Physics</i> , 2009, 36, 2819-2819.	1.6	0
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. <i>Medical Physics</i> , 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. <i>Medical Physics</i> , 2011, 38, 3836-3836.	1.6	0
87	WE-G-217BCD-08: Image Quality Effects of Dynamic Iodine Concentrations for Contrast-Enhanced Cone-Beam CT. <i>Medical Physics</i> , 2012, 39, 3974-3974.	1.6	0
88	WE-G-134-01: A Novel Method to Correct Scatter and Metal Artifacts in Kilovoltage CBCT Using Megavoltage Projections. <i>Medical Physics</i> , 2013, 40, 512-512.	1.6	0
89	SU-E-T-412: What Is the Benefit of Fiducial Marker Implantation for Pancreatic SBRT?. <i>Medical Physics</i> , 2013, 40, 299-299.	1.6	0
90	TH-A-141-06: Optimization of Incident X-Ray Source Spectrum Through Filtration for a Benchtop X-Ray Fluorescence Computed Tomography (XFCT) System. <i>Medical Physics</i> , 2013, 40, 523-523.	1.6	0

#	ARTICLE	IF	CITATIONS
91	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
92	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
93	WE-AB-BRA-06: 4DCT-Ventilation: A Novel Imaging Modality for Thoracic Surgical Evaluation. Medical Physics, 2016, 43, 3792-3792.	1.6	0