

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

186265
28
h-index

182427
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. | 1.6 | 213 |
| 2 | Estimation of microscopic dose enhancement factor around gold nanoparticles by Monte Carlo calculations. <i>Medical Physics</i> , 2010, 37, 3809-3816. | 3.0 | 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. | 3.0 | 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. | 3.0 | 183 |
| 5 | A comprehensive comparative analysis of treatment modalities for sinonasal malignancies. <i>Cancer</i> , 2017, 123, 3040-3049. | 4.1 | 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. | 3.0 | 116 |
| 7 | Post-Treatment Mortality After Surgery and Stereotactic Body Radiotherapy for Early-Stage Nonâ€“Small-Cell Lung Cancer. <i>Journal of Clinical Oncology</i> , 2018, 36, 642-651. | 1.6 | 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. | 2.2 | 99 |
| 9 | The Impact of Postoperative Radiotherapy for Thymoma and Thymic Carcinoma. <i>Journal of Thoracic Oncology</i> , 2017, 12, 734-744. | 1.1 | 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. | 4.1 | 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. | 1.2 | 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. | 1.5 | 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. | 3.0 | 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. | 0.6 | 63 |
| 15 | Neural network dose models for knowledgeâ€“based planning in pancreatic <sc>SBRT</sc>. <i>Medical Physics</i> , 2017, 44, 6148-6158. | 3.0 | 52 |
| 16 | A comparison of overall survival for patients with T4 larynx cancer treated with surgical versus organâ€“preservation approaches: A National Cancer Data Base analysis. <i>Cancer</i> , 2017, 123, 600-608. | 4.1 | 48 |
| 17 | Association of health insurance with outcomes in adults ages 18 to 64Â“years with melanoma in the United States. <i>Journal of the American Academy of Dermatology</i> , 2016, 74, 309-316. | 1.2 | 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. | 2.0 | 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. | 9.0 | 46 |
| 20 | An evaluation of motion mitigation techniques for pancreatic SBRT. <i>Radiotherapy and Oncology</i> , 2017, 124, 168-173. | 0.6 | 45 |
| 21 | A TRU-Zr Metal-Fuel Sodium-Cooled Fast Subcritical Advanced Burner Reactor. <i>Nuclear Technology</i> , 2008, 162, 53-79. | 1.2 | 39 |
| 22 | Impact of immunotherapy among patients with melanoma brain metastases managed with radiotherapy. <i>Journal of Neuroimmunology</i> , 2017, 313, 118-122. | 2.3 | 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. | 4.1 | 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. | 0.8 | 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. | 3.0 | 31 |
| 26 | Disparities in disease presentation in the four screenable cancers according to health insurance status. <i>Public Health</i> , 2016, 138, 50-56. | 2.9 | 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. | 0.8 | 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. | 4.1 | 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. | 2.0 | 26 |
| 30 | Improved survival with combined modality therapy in the modern era for primary mediastinal <sc>B</sc>-cell lymphoma. <i>American Journal of Hematology</i> , 2016, 91, 476-480. | 4.1 | 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. | 0.8 | 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. | 0.4 | 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. | 4.4 | 22 |
| 34 | Genome Sequences for Five Strains of the Emerging Pathogen <i>Haemophilus haemolyticus</i> . <i>Journal of Bacteriology</i> , 2011, 193, 5879-5880. | 2.2 | 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. | 3.0 | 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. | 2.6 | 19 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | 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. | 0.8 | 19 |
| 38 | Dosimetric and deformation effects of image-guided interventions during stereotactic body radiation therapy of the prostate using an endorectal balloon. Medical Physics, 2012, 39, 3080-3088. | 3.0 | 18 |
| 39 | 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. | 0.8 | 18 |
| 40 | Automated target tracking in kilovoltage images using dynamic templates of fiducial marker clusters. Medical Physics, 2017, 44, 364-374. | 3.0 | 18 |
| 41 | Simulation of x-ray-induced acoustic imaging for absolute dosimetry: Accuracy of image reconstruction methods. Medical Physics, 2020, 47, 1280-1290. | 3.0 | 18 |
| 42 | Adaptive motion mapping in pancreatic SBRT patients using Fourier transforms. Radiotherapy and Oncology, 2015, 115, 217-222. | 0.6 | 16 |
| 43 | Nomogram for preoperative prediction of nodal extracapsular extension or positive surgical margins in oropharyngeal squamous cell carcinoma. Oral Oncology, 2018, 83, 73-80. | 1.5 | 14 |
| 44 | Perioperative Mortality in Nonelderly Adult Patients With Cancer. American Journal of Clinical Oncology: Cancer Clinical Trials, 2018, 41, 476-484. | 1.3 | 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. Urologic Oncology: Seminars and Original Investigations, 2016, 34, 165.e1-165.e9. | 1.6 | 12 |
| 46 | Assessing the use of 4DCT-ventilation in preoperative surgical lung cancer evaluation. Medical Physics, 2017, 44, 200-208. | 3.0 | 12 |
| 47 | Survival impact of induction chemotherapy in advanced head and neck cancer: A National Cancer Database analysis. Head and Neck, 2017, 39, 1113-1121. | 2.0 | 12 |
| 48 | Patterns of Care for Locally Advanced Pancreatic Adenocarcinoma Using the National Cancer Database. Pancreas, 2017, 46, 904-912. | 1.1 | 12 |
| 49 | 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. | 0.8 | 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. Brachytherapy, 2017, 16, 790-796. | 0.5 | 9 |
| 51 | Patterns of fractionation for patients with T2N0M0 glottic larynx cancer undergoing definitive radiotherapy in the United States. Oral Oncology, 2017, 72, 110-116. | 1.5 | 9 |
| 52 | Characterizing Spatial Lung Function for Esophageal Cancer Patients Undergoing Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2019, 103, 738-746. | 0.8 | 9 |
| 53 | Calculating tumor trajectory and dose-of-the-day using cone-beam CT projections. Medical Physics, 2015, 42, 694-702. | 3.0 | 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. Brachytherapy, 2016, 15, 136-146. | 0.5 | 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. | 0.8 | 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. | 4.1 | 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. | 1.3 | 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. | 1.6 | 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. | 0.8 | 6 |
| 60 | Quantifying Allowable Motion to Achieve Safe Dose Escalation in Pancreatic SBRT. <i>Practical Radiation Oncology</i> , 2019, 9, e432-e442. | 2.1 | 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. | 0.5 | 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. | 0.4 | 4 |
| 63 | Objective assessment of the effects of tumor motion in radiation therapy. <i>Medical Physics</i> , 2019, 46, 3311-3323. | 3.0 | 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. | 1.9 | 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. | 0.8 | 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. | 0.8 | 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. | 2.0 | 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. | 3.0 | 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. | 3.0 | 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. | 1.6 | 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. | 1.5 | 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. | 0.8 | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Improved Survival with Brachytherapy as a Component of Definitive Therapy for Favorable High-Risk Prostate Cancer. Brachytherapy, 2016, 15, S22-S23. | 0.5 | 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. International Journal of Radiation Oncology Biology Physics, 2016, 96, S188. | 0.8 | 0 |
| 75 | 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. | 0.8 | 0 |
| 76 | Characterization of image quality in digital tomosynthesis for radiotherapy applications. Biomedical Physics and Engineering Express, 2016, 2, 025013. | 1.2 | 0 |
| 77 | Fiducial Markers are Necessary for Accurate Delivery of Liver SBRT. International Journal of Radiation Oncology Biology Physics, 2017, 99, S222. | 0.8 | 0 |
| 78 | Benefits of Real-Time Image Guidance in Dose-Escalated Pancreatic SBRT. International Journal of Radiation Oncology Biology Physics, 2017, 99, E158-E159. | 0.8 | 0 |
| 79 | Reply to Tumor localization may change the type of adjuvant treatment in gastric cancer. Cancer, 2017, 123, 4737-4738. | 4.1 | 0 |
| 80 | Reply to J.B. Aragon-Ching and D. Dalela et al. Journal of Clinical Oncology, 2017, 35, 916-917. | 1.6 | 0 |
| 81 | Technical Note: Deep Learning approach for automatic detection and identification of patient positioning devices for radiation therapy. Medical Physics, 2020, 47, 5061-5069. | 3.0 | 0 |
| 82 | Optimizing Coded Aperture Imaging techniques to allow for online tracking of fiducial markers with high-energy scattered radiation from treatment beam. Medical Physics, 2020, 47, 4428-4438. | 3.0 | 0 |
| 83 | SU-EGG-429: 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. | 3.0 | 0 |
| 84 | TH-D-210A-04: Monte Carlo Calculations of Microscopic Dose Enhancement Factor for Gold Nanoparticle-Aided Radiation Therapy. Medical Physics, 2009, 36, 2819-2819. | 3.0 | 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. Medical Physics, 2011, 38, 3835-3835. | 3.0 | 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. | 3.0 | 0 |
| 87 | WE-G-217BCD-08: Image Quality Effects of Dynamic Iodine Concentrations for Contrast-Enhanced Cone-Beam CT. Medical Physics, 2012, 39, 3974-3974. | 3.0 | 0 |
| 88 | 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. | 3.0 | 0 |
| 89 | SU-E-T-412: What Is the Benefit of Fiducial Marker Implantation for Pancreatic SBRT?. Medical Physics, 2013, 40, 299-299. | 3.0 | 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. Medical Physics, 2013, 40, 523-523. | 3.0 | 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. | 3.0 | 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. | 1.6 | 0 |
| 93 | WE-AB-BRA-06: 4DCT-Ventilation: A Novel Imaging Modality for Thoracic Surgical Evaluation. Medical Physics, 2016, 43, 3792-3792. | 3.0 | 0 |