

# Jean-Pierre Bissonnette

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

734  
citations

840119

11  
h-index

610482

24  
g-index

27  
all docs

27  
docs citations

27  
times ranked

1009  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multimodality Imaging Assessment of the Heart Before and After Stage III Non-small Cell Lung Cancer Radiation Therapy. <i>Advances in Radiation Oncology</i> , 2022, 7, 100927.	0.6	0
2	Non-small cell lung cancer stage migration as a function of wait times from diagnostic imaging: A pooled analysis from five international centres. <i>Lung Cancer</i> , 2021, 155, 136-143.	0.9	8
3	Survey of patient-specific quality assurance practice for IMRT and VMAT. <i>Journal of Applied Clinical Medical Physics</i> , 2021, 22, 155-164.	0.8	11
4	Multispecialty Enterprise Imaging Workgroup Consensus on Interactive Multimedia Reporting Current State and Road to the Future: HIMSS-SIIM Collaborative White Paper. <i>Journal of Digital Imaging</i> , 2021, 34, 495-522.	1.6	10
5	Introducing operator characteristic curves to define appropriate frequency of quality control tests: A case study involving whole breast radiotherapy image guidance. <i>Physica Medica</i> , 2020, 69, 275-280.	0.4	1
6	<scp>COMP</scp> report: CPQR technical quality control guidelines for radiation treatment centers. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 44-47.	0.8	4
7	Serial 4DCT/4DPET imaging to predict and monitor response for locally-advanced non-small cell lung cancer chemo-radiotherapy. <i>Radiotherapy and Oncology</i> , 2018, 126, 347-354.	0.3	13
8	<scp>COMP</scp> report: <scp>CPQR</scp> technical quality control guidelines for accelerator-integrated cone-beam systems for verification imaging. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 9-12.	0.8	3
9	Brachytherapy patient safety events in an academic radiation medicine program. <i>Brachytherapy</i> , 2018, 17, 16-23.	0.2	13
10	Rationale and Protocol for a Canadian Multicenter Phase II Randomized Trial Assessing Selective Metabolically Adaptive Radiation Dose Escalation in Locally Advanced Non-small-cell Lung Cancer (NCT02788461). <i>Clinical Lung Cancer</i> , 2018, 19, e699-e703.	1.1	15
11	Comparison of residual geometric errors obtained for lung SBRT under static beams and VMAT techniques: Implications for PTV margins. <i>Physica Medica</i> , 2018, 52, 129-132.	0.4	5
12	Hazards and incidents: Detection and learning in radiation medicine, a comparison of 2 educational interventions. <i>Practical Radiation Oncology</i> , 2017, 7, e431-e438.	1.1	3
13	Voxel-by-voxel correlation between radiologically radiation induced lung injury and dose after image-guided, intensity modulated radiotherapy for lung tumors. <i>Physica Medica</i> , 2017, 42, 150-156.	0.4	22
14	Robustness assessment of a novel IMRT planning method for lung radiotherapy. <i>Physica Medica</i> , 2016, 32, 749-757.	0.4	3
15	Predicting Radiation Esophagitis Using 18F-FDG PET During Chemoradiotherapy for Locally Advanced Non-small Cell Lung Cancer. <i>Journal of Thoracic Oncology</i> , 2016, 11, 213-221.	0.5	23
16	Sci-Fri AM: Quality, Safety, and Professional Issues 01: CPQR Technical Quality Control Suite Development including Quality Control Workload Results. <i>Medical Physics</i> , 2016, 43, 4952-4952.	1.6	0
17	Sci-Fri AM: Quality, Safety, and Professional Issues 02: Recent work on TQC Suite and Data from a National survey on Community Uptake. <i>Medical Physics</i> , 2016, 43, 4952-4953.	1.6	0
18	Team-based clinical simulation in radiation medicine: value to attitudes and perceptions of interprofessional collaboration. <i>Journal of Radiotherapy in Practice</i> , 2015, 14, 117-125.	0.2	7

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19	The value of nodal information in predicting lung cancer relapse using 4DPET/4DCT. <i>Medical Physics</i> , 2015, 42, 4727-4733.	1.6	10
20	Dose-response relationship with clinical outcome for lung stereotactic body radiotherapy (SBRT) delivered via online image guidance. <i>Radiotherapy and Oncology</i> , 2014, 110, 499-504.	0.3	125
21	A Practice-based Taxonomy for Radiation Treatment Errors. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2013, 44, 173-179.	0.2	6
22	Required target margins for image-guided lung SBRT: Assessment of target position intrafraction and correction residuals. <i>Practical Radiation Oncology</i> , 2013, 3, 67-73.	1.1	20
23	Experimental validation of the van Herk margin formula for lung radiation therapy. <i>Medical Physics</i> , 2013, 40, 111721.	1.6	11
24	Effect of Immobilization and Performance Status on Intrafraction Motion for Stereotactic Lung Radiotherapy: Analysis of 133 Patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 1568-1575.	0.4	85
25	Cone-Beam Computed Tomographic Image Guidance for Lung Cancer Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 73, 927-934.	0.4	159
26	Quantifying Interfraction and Intrafraction Tumor Motion in Lung Stereotactic Body Radiotherapy Using Respiration-Correlated Cone Beam Computed Tomography. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 688-695.	0.4	149
27	Quality Assurance of Image-Guidance Technologies. <i>Seminars in Radiation Oncology</i> , 2007, 17, 278-286.	1.0	28