Jean-Pierre Bissonnette

List of Publications by Year
in descending order

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27	734	840119 11	610482 24
papers	citations	h-index	g-index

27	27	27	1009
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cone-Beam Computed Tomographic Image Guidance for Lung Cancer Radiation Therapy. International Journal of Radiation Oncology Biology Physics, 2009, 73, 927-934.	0.4	159
2	Quantifying Interfraction and Intrafraction Tumor Motion in Lung Stereotactic Body Radiotherapy Using Respiration-Correlated Cone Beam Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2009, 75, 688-695.	0.4	149
3	Doseâ€“response relationship with clinical outcome for lung stereotactic body radiotherapy (SBRT) delivered via online image guidance. Radiotherapy and Oncology, 2014, 110, 499-504.	0.3	125
4	Effect of Immobilization and Performance Status on Intrafraction Motion for Stereotactic Lung Radiotherapy: Analysis of 133 Patients. International Journal of Radiation Oncology Biology Physics, 2011, 81, 1568-1575.	0.4	85
5	Quality Assurance of Image-Guidance Technologies. Seminars in Radiation Oncology, 2007, 17, 278-286.	1.0	28
6	Predicting Radiation Esophagitis Using 18F-FDG PET During Chemoradiotherapy for Locally Advanced Nonâ€“Small Cell Lung Cancer. Journal of Thoracic Oncology, 2016, 11, 213-221.	0.5	23
7	Voxel-by-voxel correlation between radiologically radiation induced lung injury and dose after image-guided, intensity modulated radiotherapy for lung tumors. Physica Medica, 2017, 42, 150-156.	0.4	22
8	Required target margins for image-guided lung SBRT: Assessment of target position intrafraction and correction residuals. Practical Radiation Oncology, 2013, 3, 67-73.	1.1	20
9	Rationale and Protocol for a Canadian Multicenter Phase II Randomized Trial Assessing Selective Metabolically Adaptive Radiation Dose Escalation in Locally Advanced Nonâ€“small-cell Lung Cancer (NCT02788461). Clinical Lung Cancer, 2018, 19, e699-e703.	1.1	15
10	Serial 4DCT/4DPET imaging to predict and monitor response for locally-advanced non-small cell lung cancer chemo-radiotherapy. Radiotherapy and Oncology, 2018, 126, 347-354.	0.3	13
11	Brachytherapy patient safety events in an academic radiation medicineÂprogram. Brachytherapy, 2018, 17, 16-23.	0.2	13
12	Experimental validation of the van Herk margin formula for lung radiation therapy. Medical Physics, 2013, 40, 111721.	1.6	11
13	Survey of patientâ€specific quality assurance practice for IMRT and VMAT. Journal of Applied Clinical Medical Physics, 2021, 22, 155-164.	0.8	11
14	The value of nodal information in predicting lung cancer relapse using 4DPET/4DCT. Medical Physics, 2015, 42, 4727-4733.	1.6	10
15	Multispecialty Enterprise Imaging Workgroup Consensus on Interactive Multimedia Reporting Current State and Road to the Future: HIMSS-SIIM Collaborative White Paper. Journal of Digital Imaging, 2021, 34, 495-522.	1.6	10
16	Non-small cell lung cancer stage migration as a function of wait times from diagnostic imaging: A pooled analysis from five international centres. Lung Cancer, 2021, 155, 136-143.	0.9	8
17	Team-based clinical simulation in radiation medicine: value to attitudes and perceptions of interprofessional collaboration. Journal of Radiotherapy in Practice, 2015, 14, 117-125.	0.2	7
18	A Practice-based Taxonomy for Radiation Treatment Errors. Journal of Medical Imaging and Radiation Sciences, 2013, 44, 173-179.	0.2	6

#	Article	IF	Citations
19	Comparison of residual geometric errors obtained for lung SBRT under static beams and VMAT techniques: Implications for PTV margins. Physica Medica, 2018, 52, 129-132.	0.4	5
20	<scp>COMP</scp> report: CPQR technical quality control guidelines for radiation treatment centers. Journal of Applied Clinical Medical Physics, 2018, 19, 44-47.	0.8	4
21	Robustness assessment of a novel IMRT planning method for lung radiotherapy. Physica Medica, 2016, 32, 749-757.	0.4	3
22	Hazards and incidents: Detection and learning in radiation medicine, a comparison of 2 educational interventions. Practical Radiation Oncology, 2017, 7, e431-e438.	1.1	3
23	<scp>COMP</scp> report: <scp>CPQR</scp> technical quality control guidelines for acceleratorâ€integrated coneâ€beam systems for verification imaging. Journal of Applied Clinical Medical Physics, 2018, 19, 9-12.	0.8	3
24	Introducing operator characteristic curves to define appropriate frequency of quality control tests: A case study involving whole breast radiotherapy image guidance. Physica Medica, 2020, 69, 275-280.	0.4	1
25	Sci-Fri AM: Quality, Safety, and Professional Issues 01: CPQR Technical Quality Control Suite Development including Quality Control Workload Results. Medical Physics, 2016, 43, 4952-4952.	1.6	0
26	Sci-Fri AM: Quality, Safety, and Professional Issues 02: Recent work on TQC Suite and Data from a National survey on Community Uptake. Medical Physics, 2016, 43, 4952-4953.	1.6	0
27	Multimodality Imaging Assessment of the Heart Before and After Stage III Non-small Cell Lung Cancer Radiation Therapy. Advances in Radiation Oncology, 2022, 7, 100927.	0.6	0