

Thomas Lacornerie

List of Publications by Year in descending order

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Version: 2024-02-01

64
papers

2,139
citations

257357

24
h-index

243529

44
g-index

102
all docs

102
docs citations

102
times ranked

2577
citing authors

#	ARTICLE	IF	CITATIONS
1	Salvage Radiotherapy for Macroscopic Local Recurrence Following Radical Prostatectomy. <i>Frontiers in Oncology</i> , 2021, 11, 669261.	1.3	8
2	Studies of Intra-Fraction Prostate Motion During Stereotactic Irradiation in First Irradiation and Re-Irradiation. <i>Frontiers in Oncology</i> , 2021, 11, 690422.	1.3	6
3	PO-1390 Intra-fraction prostate motion during stereotactic irradiation in 1st irradiation and re-irradiation. <i>Radiotherapy and Oncology</i> , 2021, 161, S1140-S1141.	0.3	0
4	Technical note: Unexpected external markers artifact in 3D k-space based parallel imaging turbo spin-echo magnetic resonance imaging. <i>Physica Medica</i> , 2021, 90, 150-157.	0.4	2
5	A Multicenter Phase 2 study of Hypofractionated Stereostatic Boost in Intermediate Risk Prostate Carcinoma: A 5-Year Analysis of the CKNO-PRO Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 116-123.	0.4	10
6	Variation in current prescription practice of stereotactic body radiotherapy for peripherally located early stage non-small cell lung cancer: Recommendations for prescribing and recording according to the ACROP guideline and ICRU report 91. <i>Radiotherapy and Oncology</i> , 2020, 142, 217-223.	0.3	29
7	Time of PTV is ending, robust optimization comes next. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2020, 24, 676-686.	0.6	13
8	Integration of the M6 Cyberknife in the Moderato Monte Carlo platform and prediction of beam parameters using machine learning. <i>Physica Medica</i> , 2020, 70, 123-132.	0.4	2
9	PO-1639: Surface Image Guided Radiotherapy for breast treatments on Halcyon. <i>Radiotherapy and Oncology</i> , 2020, 152, S898-S899.	0.3	0
10	PO-1352: Prediction of electron beam parameters of a Monte Carlo model using machine learning. <i>Radiotherapy and Oncology</i> , 2020, 152, S716-S717.	0.3	0
11	Chest Magnetic Resonance Imaging Decreases Inter-observer Variability of Gross Target Volume for Lung Tumors. <i>Frontiers in Oncology</i> , 2019, 9, 690.	1.3	8
12	PO-0841 Salvage SBRT for local prostate cancer recurrence after radiotherapy: a GETUG retrospective study. <i>Radiotherapy and Oncology</i> , 2019, 133, S441-S442.	0.3	0
13	Salvage Stereotactic Body Radiation Therapy for Local Prostate Cancer Recurrence After Radiation Therapy: A Retrospective Multicenter Study of the GETUG. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 105, 727-734.	0.4	52
14	Stereotactic Re-irradiation for Local Recurrence in the Prostatic Bed After Prostatectomy: Preliminary Results. <i>Frontiers in Oncology</i> , 2019, 9, 71.	1.3	27
15	23 First experience of multi-criteria optimization planning of tomotherapy plans. <i>Physica Medica</i> , 2018, 56, 14.	0.4	0
16	PO-0721: Multicentric experience of hypofractionated stereotactic radiotherapy for intracranial meningiomas. <i>Radiotherapy and Oncology</i> , 2018, 127, S368-S369.	0.3	0
17	EP-2144: Tumor and OAR delineation variation "Dice coefficient versus dose assessed with automated planning. <i>Radiotherapy and Oncology</i> , 2018, 127, S1182-S1183.	0.3	0
18	BioPro-RCMI-1505 trial: multicenter study evaluating the use of a biodegradable balloon for the treatment of intermediate risk prostate cancer by intensity modulated radiotherapy; study protocol. <i>BMC Cancer</i> , 2018, 18, 566.	1.1	6

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19	About the non-consistency of PTV-based prescription in lung. <i>Physica Medica</i> , 2017, 44, 177-187.	0.4	13
20	In Regard to Perrier et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 204-205.	0.4	1
21	Chest Magnetic Resonance Imaging Decreases Inter-observer Variability of Gross Target Volume for Lung Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 99, E439-E440.	0.4	1
22	The TRENDY multi-center randomized trial on hepatocellular carcinoma – Trial QA including automated treatment planning and benchmark-case results. <i>Radiotherapy and Oncology</i> , 2017, 125, 507-513.	0.3	20
23	OC-0541: Automated treatment planning for prospective QA in the TRENDY randomized trial on liver-SBRT for HCC. <i>Radiotherapy and Oncology</i> , 2017, 123, S287-S288.	0.3	0
24	Salvage robotic SBRT for local prostate cancer recurrence after radiotherapy: preliminary results of the Oscar Lambret Center. <i>Radiation Oncology</i> , 2017, 12, 95.	1.2	44
25	Hypofractionated stereotactic boost in intermediate risk prostate carcinoma: Preliminary results of a multicenter phase II trial (CKNO-PRO). <i>PLoS ONE</i> , 2017, 12, e0187794.	1.1	13
26	Comparison of Automated Atlas-Based Segmentation Software for Postoperative Prostate Cancer Radiotherapy. <i>Frontiers in Oncology</i> , 2016, 6, 178.	1.3	63
27	Can We Spare the Pancreas and Other Abdominal Organs at Risk? A Comparison of Conformal Radiotherapy, Helical Tomotherapy and Proton Beam Therapy in Pediatric Irradiation. <i>PLoS ONE</i> , 2016, 11, e0164643.	1.1	18
28	Inverse treatment planning for spinal robotic radiosurgery: an international multi-institutional benchmark trial. <i>Journal of Applied Clinical Medical Physics</i> , 2016, 17, 313-330.	0.8	34
29	Real-time mechanical characterization of DNA degradation under therapeutic X-rays and its theoretical modeling. <i>Microsystems and Nanoengineering</i> , 2016, 2, 16062.	3.4	24
30	Preoperative chemoradiation with paclitaxel-carboplatin or with fluorouracil-oxaliplatin+folinic acid (FOLFOX) for resectable esophageal and junctional cancer: the PROTECT-1402, randomized phase 2 trial. <i>BMC Cancer</i> , 2016, 16, 318.	1.1	34
31	Clinical implementation of a Monte Carlo based treatment plan QA platform for validation of Cyberknife and Tomotherapy treatments. <i>Physica Medica</i> , 2016, 32, 1225-1237.	0.4	14
32	EP-1122: Efficacy and safety of stereotactic reirradiation for recurrent brain metastases. <i>Radiotherapy and Oncology</i> , 2016, 119, S538-S539.	0.3	0
33	Accelerated partial breast irradiation using robotic radiotherapy: a dosimetric comparison with tomotherapy and three-dimensional conformal radiotherapy. <i>Radiation Oncology</i> , 2016, 11, 29.	1.2	18
34	Nano systems and devices for applications in biology and nanotechnology. <i>Solid-State Electronics</i> , 2016, 115, 66-73.	0.8	4
35	Cyberknife, Dose Fractioning for Clinical Protocols. <i>Biological and Medical Physics Series</i> , 2016, , 51-65.	0.3	0
36	What is the normal tissues morbidity following Helical Intensity Modulated Radiation Treatment for cervical cancer?. <i>Radiotherapy and Oncology</i> , 2015, 115, 386-391.	0.3	17

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37	Workflow optimization for robotic stereotactic radiotherapy treatments: Application of Constant Work In Progress workflow. <i>Operations Research for Health Care</i> , 2015, 6, 18-22.	0.8	16
38	Primary tumor delineation based on 18FDG PET for locally advanced head and neck cancer treated by chemo-radiotherapy. <i>Radiotherapy and Oncology</i> , 2015, 116, 87-93.	0.3	58
39	Safety of adjuvant intensity-modulated postoperative radiation therapy in endometrial cancer: Clinical data and dosimetric parameters according to the International Commission on Radiation Units (ICRU) 83 report. <i>Reports of Practical Oncology and Radiotherapy</i> , 2015, 20, 385-392.	0.3	2
40	Adapted Prescription Dose for Monte Carlo Algorithm in Lung SBRT: Clinical Outcome on 205 Patients. <i>PLoS ONE</i> , 2015, 10, e0133617.	1.1	22
41	Feasibility Study of Pelvic Helical IMRT for Elderly Patients with Endometrial Cancer. <i>PLoS ONE</i> , 2014, 9, e113279.	1.1	3
42	Intensity Modulated Arc Therapy in Bilaterally Irradiated Head and Neck Cancer: A Comparative and Prospective Multicenter Planning Study. <i>Cancer Investigation</i> , 2014, 32, 159-167.	0.6	10
43	Treatment and Technical Intervention Time Analysis of a Robotic Stereotactic Radiotherapy System. <i>Technology in Cancer Research and Treatment</i> , 2014, 13, 29-35.	0.8	5
44	GTV-based prescription in SBRT for lung lesions using advanced dose calculation algorithms. <i>Radiation Oncology</i> , 2014, 9, 223.	1.2	38
45	Novel Technique for Hepatic Fiducial Marker Placement for Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, 119-125.	0.4	16
46	Dosimetric comparison of different treatment modalities for stereotactic radiosurgery of arteriovenous malformations and acoustic neuromas. <i>Radiotherapy and Oncology</i> , 2013, 106, 192-197.	0.3	70
47	Multi institutional phase II study of concomitant stereotactic reirradiation and cetuximab for recurrent head and neck cancer. <i>Radiotherapy and Oncology</i> , 2013, 109, 281-285.	0.3	157
48	A plea for the GTV median dose reporting in SBRT/can the ICRU 83 reporting way be applied to SBRT plans?. <i>Physica Medica</i> , 2013, 29, e29.	0.4	0
49	Use of a liquid ionization chamber for stereotactic radiotherapy dosimetry. <i>Physics in Medicine and Biology</i> , 2013, 58, 2445-2459.	1.6	28
50	EP-1246: Tracking of hepatic lesions: Correlation between the movements of target and fiducials during breathing cycle. <i>Radiotherapy and Oncology</i> , 2013, 106, S470.	0.3	0
51	Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma: Prognostic Factors of Local Control, Overall Survival, and Toxicity. <i>PLoS ONE</i> , 2013, 8, e77472.	1.1	104
52	SHARE: a French multicenter phase III trial comparing accelerated partial irradiation versus standard or hypofractionated whole breast irradiation in breast cancer patients at low risk of local recurrence. <i>Clinical Advances in Hematology and Oncology</i> , 2013, 11, 76-83.	0.3	22
53	Salvage Stereotactic Reirradiation With or Without Cetuximab for Locally Recurrent Head-and-Neck Cancer: A Feasibility Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, 203-209.	0.4	98
54	Tomotherapy of Locally Advanced Cervix Carcinoma: Clinical Validation of 3 mm CTV-PTV Expansion. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, S439-S440.	0.4	0

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55	Prognostic factors affecting local control of hepatic tumors treated by stereotactic body radiation therapy. <i>Radiation Oncology</i> , 2012, 7, 166.	1.2	60
56	Image-Guided Robotic Stereotactic Body Radiation Therapy for Liver Metastases: Is There a Dose Response Relationship?. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, e39-e47.	0.4	85
57	Dose verification and calibration of the Cyberknife® by EPR/alanine dosimetry. <i>Radiation Measurements</i> , 2011, 46, 952-957.	0.7	274
58	Robotic image-guided reirradiation of lateral pelvic recurrences: preliminary results. <i>Radiation Oncology</i> , 2011, 6, 77.	1.2	44
59	Use of Conventional Fractionation With Cyberknife in Children: A Report of 5 Cases. <i>Journal of Pediatric Hematology/Oncology</i> , 2010, 32, 472-475.	0.3	7
60	Stereotactic Radiotherapy of Hepatocellular Carcinoma: Preliminary Results. <i>Technology in Cancer Research and Treatment</i> , 2010, 9, 479-487.	0.8	107
61	Extracranial Stereotactic Radiotherapy: Preliminary Results with the CyberKnife®. <i>Oncology Research and Treatment</i> , 2009, 32, 209-215.	0.8	28
62	Partial breast irradiation as sole therapy for low risk breast carcinoma: Early toxicity, cosmesis and quality of life results of a MammoSite brachytherapy phase II study. <i>Radiotherapy and Oncology</i> , 2009, 90, 23-29.	0.3	63
63	Automatic Segmentation of Pelvic Structures From Magnetic Resonance Images for Prostate Cancer Radiotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2007, 68, 592-600.	0.4	106
64	MRI alone simulation for conformal radiation therapy of prostate cancer: technical aspects. , 2006, 2006, 160-3.		27