

Giacomo Reggiori

List of Publications by Year in descending order

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2,244
citations

201674

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docs citations

64
times ranked

2629
citing authors

#	ARTICLE	IF	CITATIONS
1	Is Stereotactic Body Radiation Therapy an Attractive Option for Unresectable Liver Metastases? A Preliminary Report From a Phase 2 Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 86, 336-342.	0.8	168
2	Final results of a phase II trial for stereotactic body radiation therapy for patients with inoperable liver metastases from colorectal cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 543-553.	2.5	145
3	Volumetric modulated arc therapy with flattening filter free (FFF) beams for stereotactic body radiation therapy (SBRT) in patients with medically inoperable early stage non small cell lung cancer (NSCLC). <i>Radiotherapy and Oncology</i> , 2013, 107, 414-418.	0.6	141
4	Feasibility and early clinical assessment of flattening filter free (FFF) based stereotactic body radiotherapy (SBRT) treatments. <i>Radiation Oncology</i> , 2011, 6, 113.	2.7	107
5	Linac based SBRT for prostate cancer in 5 fractions with VMAT and flattening filter free beams: preliminary report of a phase II study. <i>Radiation Oncology</i> , 2013, 8, 171.	2.7	98
6	SBRT in unresectable advanced pancreatic cancer: preliminary results of a mono-institutional experience. <i>Radiation Oncology</i> , 2013, 8, 148.	2.7	91
7	Stereotactic body radiotherapy (sbrt) in lung oligometastatic patients: role of local treatments. <i>Radiation Oncology</i> , 2014, 9, 91.	2.7	81
8	Radiomics based analysis to predict local control and survival in hepatocellular carcinoma patients treated with volumetric modulated arc therapy. <i>BMC Cancer</i> , 2017, 17, 829.	2.6	77
9	Long-term local control achieved after hypofractionated stereotactic body radiotherapy for adrenal gland metastases: A retrospective analysis of 34 patients. <i>Acta Oncologica</i> , 2012, 51, 618-623.	1.8	76
10	Phase II trial on SBRT for unresectable liver metastases: long-term outcome and prognostic factors of survival after 5 years of follow-up. <i>Radiation Oncology</i> , 2018, 13, 234.	2.7	73
11	Computed tomography based radiomic signature as predictive of survival and local control after stereotactic body radiation therapy in pancreatic carcinoma. <i>PLoS ONE</i> , 2019, 14, e0210758.	2.5	58
12	Stereotactic body radiation therapy for liver tumours using flattening filter free beam: dosimetric and technical considerations. <i>Radiation Oncology</i> , 2012, 7, 16.	2.7	57
13	Lung stereotactic ablative body radiotherapy: A large scale multi-institutional planning comparison for interpreting results of multi-institutional studies. <i>Physica Medica</i> , 2016, 32, 600-606.	0.7	54
14	Dosimetric trade-offs in breast treatment with VMAT technique. <i>British Journal of Radiology</i> , 2017, 90, 20160701.	2.2	51
15	Can volumetric modulated arc therapy with flattening filter free beams play a role in stereotactic body radiotherapy for liver lesions? A volume-based analysis. <i>Medical Physics</i> , 2012, 39, 1112-1118.	3.0	49
16	Predictive factors for survival of oligometastatic colorectal cancer treated with Stereotactic body radiation therapy. <i>Radiotherapy and Oncology</i> , 2019, 133, 220-226.	0.6	49
17	Investigation on the role of integrated PET/MRI for target volume definition and radiotherapy planning in patients with high grade glioma. <i>Radiotherapy and Oncology</i> , 2014, 112, 425-429.	0.6	42
18	Stereotactic Body Radiation Therapy (SBRT) for adrenal metastases. <i>Strahlentherapie Und Onkologie</i> , 2011, 187, 238-244.	2.0	41

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19	Pretreatment quality assurance of flattening filter free beams on 224 patients for intensity modulated plans: A multicentric study. <i>Medical Physics</i> , 2012, 39, 1351-1356.	3.0	39
20	Volumetric modulated arc therapy with flattening filter free beams for isolated abdominal/pelvic lymph nodes: report of dosimetric and early clinical results in oligometastatic patients. <i>Radiation Oncology</i> , 2012, 7, 204.	2.7	38
21	CyberKnife beam output factor measurements: A multi-site and multi-detector study. <i>Physica Medica</i> , 2016, 32, 1637-1643.	0.7	35
22	Interplay effects between dose distribution quality and positioning accuracy in total marrow irradiation with volumetric modulated arc therapy. <i>Medical Physics</i> , 2013, 40, 111713.	3.0	34
23	Plan robustness in field junction region from arcs with different patient orientation in total marrow irradiation with VMAT. <i>Physica Medica</i> , 2015, 31, 677-682.	0.7	34
24	Dosimetric comparison between VMAT with different dose calculation algorithms and protons for soft-tissue sarcoma radiotherapy. <i>Acta Oncologica</i> , 2013, 52, 545-552.	1.8	32
25	Evaluation of the dose calculation accuracy for small fields defined by jaw or MLC for AAA and Acuros XB algorithms. <i>Medical Physics</i> , 2016, 43, 5685-5694.	3.0	32
26	Hypofractionated stereotactic radiation therapy in skull base meningiomas. <i>Journal of Neuro-Oncology</i> , 2015, 124, 283-289.	2.9	31
27	Multicenter evaluation of a synthetic single-crystal diamond detector for CyberKnife small field size output factors. <i>Physica Medica</i> , 2016, 32, 575-581.	0.7	30
28	Liver metastases from colorectal cancer: propensity score-based comparison of stereotactic body radiation therapy vs. microwave ablation. <i>Journal of Cancer Research and Clinical Oncology</i> , 2018, 144, 1777-1783.	2.5	28
29	Dosimetric impact of inter-observer variability for 3D conformal radiotherapy and volumetric modulated arc therapy: the rectal tumor target definition case. <i>Radiation Oncology</i> , 2013, 8, 176.	2.7	27
30	Anatomy driven optimization strategy for total marrow irradiation with a volumetric modulated arc therapy technique. <i>Journal of Applied Clinical Medical Physics</i> , 2012, 13, 138-147.	1.9	26
31	Evaluation of a synthetic single-crystal diamond detector for relative dosimetry on the Leksell Gamma Knife Perfexion radiosurgery system. <i>Medical Physics</i> , 2015, 42, 5035-5041.	3.0	25
32	Small field output factors evaluation with a microDiamond detector over 30 Italian centers. <i>Physica Medica</i> , 2016, 32, 1644-1650.	0.7	25
33	Flattening filter free beams from TrueBeam and Versa HD units: Evaluation of the parameters for quality assurance. <i>Medical Physics</i> , 2015, 43, 205-212.	3.0	24
34	Characterization of a new unshielded diode for small field dosimetry under flattening filter free beams. <i>Physica Medica</i> , 2016, 32, 408-413.	0.7	22
35	Collimator angle influence on dose distribution optimization for vertebral metastases using	3.0	20
36	Stereotactic body radiotherapy with flattening filter-free beams for prostate cancer: assessment of patient-reported quality of life. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 1795-1800.	2.5	20

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37	In-vivo dosimetry with Gafchromic films for multi-isocentric VMAT irradiation of total marrow lymph-nodes: a feasibility study. <i>Radiation Oncology</i> , 2015, 10, 86.	2.7	19
38	Role of stereotactic body radiation therapy in the treatment of liver metastases: clinical results and prognostic factors. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 325-333.	2.0	19
39	Applying Lean-Six-Sigma Methodology in radiotherapy: Lessons learned by the breast daily repositioning case. <i>Radiotherapy and Oncology</i> , 2018, 127, 326-331.	0.6	17
40	Technical Note: Multicenter study of TrueBeam FFF beams with a new stereotactic diode: Can a common small field signal ratio curve be defined?. <i>Medical Physics</i> , 2016, 43, 5570-5576.	3.0	15
41	Does deep inspiration breath hold reduce plan complexity? Multicentric experience of left breast cancer radiotherapy with volumetric modulated arc therapy. <i>Physica Medica</i> , 2019, 59, 79-85.	0.7	15
42	Vertebral metastases reirradiation with volumetric-modulated arc radiotherapy. <i>Radiotherapy and Oncology</i> , 2012, 102, 416-420.	0.6	14
43	Dosimetric characterization of small fields using a plastic scintillator detector: A large multicenter study. <i>Physica Medica</i> , 2017, 41, 33-38.	0.7	14
44	Small field correction factors for the IBA Razor. <i>Physica Medica</i> , 2016, 32, 1025-1029.	0.7	13
45	Are pitch and roll compensations required in all pathologies? A data analysis of 2945 fractions. <i>British Journal of Radiology</i> , 2015, 88, 20150468.	2.2	12
46	Use of PTW-microDiamond for relative dosimetry of unflattened photon beams. <i>Physica Medica</i> , 2017, 38, 45-53.	0.7	12
47	A radiomic approach to predicting nodal relapse and disease-specific survival in patients treated with stereotactic body radiation therapy for early-stage non-small cell lung cancer.. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 922-931.	2.0	12
48	Assessing the role of Stereotactic Body Radiation Therapy in a large cohort of patients with lymph node oligometastases: Does it affect systemic treatment's intensification?. <i>Radiotherapy and Oncology</i> , 2020, 150, 184-190.	0.6	12
49	Development of an Immobilization Device for Total Marrow Irradiation. <i>Practical Radiation Oncology</i> , 2021, 11, e98-e105.	2.1	10
50	MLC parameters from static fields to VMAT plans: an evaluation in a RT-dedicated MC environment (PRIMO). <i>Radiation Oncology</i> , 2019, 14, 216.	2.7	9
51	Phase II trial of high dose stereotactic body radiation therapy for lymph node oligometastases. <i>Clinical and Experimental Metastasis</i> , 2020, 37, 565-573.	3.3	9
52	Stereotactic body radiotherapy in hepatocellular carcinoma: patient selection and predictors of outcome and toxicity. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 927-936.	2.5	9
53	Linac-based stereotactic body radiation therapy for low and intermediate-risk prostate cancer. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 608-616.	2.0	8
54	Volumetric modulated arc therapy versus intensity-modulated proton therapy in the postoperative irradiation of thymoma. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 2267-2276.	2.5	7

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55	Moderate hypofractionated radiotherapy for post-operative treatment of prostate cancer: long-term outcome and pattern of toxicity. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 133-140.	2.0	6
56	Recursive partitioning model-based analysis for survival of colorectal cancer patients with lung and liver oligometastases treated with stereotactic body radiation therapy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 1227-1234.	2.5	5
57	Phase II trial of stereotactic body radiation therapy on adrenal gland metastases: evaluation of efficacy and impact on hormonal production. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3619-3625.	2.5	5
58	Radiomics-based prognosis classification for high-risk prostate cancer treated with radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 710-718.	2.0	5
59	Critical Re-Evaluation of a Failure Mode Effect Analysis in a Radiation Therapy Department After 10 Years. <i>Practical Radiation Oncology</i> , 2021, 11, e329-e338.	2.1	4
60	Outcome and toxicity profiles in the treatment of locally advanced lung cancer with volumetric modulated arc therapy. <i>Journal of Cancer Research and Clinical Oncology</i> , 2014, 140, 1937-1945.	2.5	3
61	Dosimetric impact of volumetric modulated arc therapy for nasopharyngeal cancer treatment. <i>Reports of Practical Oncology and Radiotherapy</i> , 2021, 26, 101-110.	0.6	3
62	Charlson comorbidity index and G8 in older old adult (≥80 years) hepatocellular carcinoma patients treated with stereotactic body radiotherapy. <i>Journal of Geriatric Oncology</i> , 2021, 12, 1100-1103.	1.0	3
63	The Potential Role of Intensity-Modulated Proton Therapy in Hepatic Carcinoma in Mitigating the Risk of Dose De-Escalation. <i>Technology in Cancer Research and Treatment</i> , 2020, 19, 153303382098041.	1.9	2
64	The influence of basic plan parameters on calculated small field output factors – A multicenter study. <i>Physica Medica</i> , 2021, 88, 98-103.	0.7	2