

# Pietro Mancosu

## List of Publications by Year in descending order

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168  
papers

4,588  
citations

108046

37  
h-index

156644

58  
g-index

168  
all docs

168  
docs citations

168  
times ranked

4406  
citing authors

#	ARTICLE	IF	CITATIONS
1	Applications of artificial intelligence in stereotactic body radiation therapy. <i>Physics in Medicine and Biology</i> , 2022, 67, 16TR01.	1.6	7
2	Development of an Immobilization Device for Total Marrow Irradiation. <i>Practical Radiation Oncology</i> , 2021, 11, e98-e105.	1.1	10
3	Dose coverage impacts local control in ultra-central lung oligometastases treated with stereotactic radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 396-404.	1.0	8
4	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.	1.2	9
5	Lean Thinking to manage a national working group on physics aspects of Stereotactic Body Radiation Therapy. <i>Medical Physics</i> , 2021, 48, 2050-2056.	1.6	5
6	Nonmyeloablative Conditioning Regimen Including Low-Dose Total Marrow/Lymphoid Irradiation Before Haploidentical Transplantation with Post-Transplantation Cyclophosphamide in Patients with Advanced Lymphoproliferative Diseases. <i>Transplantation and Cellular Therapy</i> , 2021, 27, 492.e1-492.e6.	0.6	7
7	Application of the RATING score: In regards to Hansen et al. <i>Radiotherapy and Oncology</i> , 2021, 158, 309-310.	0.3	1
8	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.	1.1	4
9	The influence of basic plan parameters on calculated small field output factors – A multicenter study. <i>Physica Medica</i> , 2021, 88, 98-103.	0.4	2
10	Volumetric Modulated Arc Therapy After Lung Sparing Surgery for Malignant Pleural Mesothelioma: A Single Institution Experience. <i>Clinical Lung Cancer</i> , 2020, 21, 86-93.	1.1	4
11	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.	1.0	19
12	Dosimetric Multicenter Planning Comparison Studies for Stereotactic Body Radiation Therapy: Methodology and Future Perspectives. <i>International Journal of Radiation Oncology Biology Physics</i> , 2020, 106, 403-412.	0.4	21
13	Total marrow and total lymphoid irradiation in bone marrow transplantation for acute leukaemia. <i>Lancet Oncology</i> , The, 2020, 21, e477-e487.	5.1	57
14	Stereotactic Body Radiation Therapy for Intermediate-risk Prostate Cancer With VMAT and Real-time Electromagnetic Tracking. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2020, 43, 628-635.	0.6	6
15	Estimating dose delivery accuracy in stereotactic body radiation therapy: A review of in-vivo measurement methods. <i>Radiotherapy and Oncology</i> , 2020, 149, 158-167.	0.3	34
16	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.	1.2	7
17	Phase II trial of high dose stereotactic body radiation therapy for lymph node oligometastases. <i>Clinical and Experimental Metastasis</i> , 2020, 37, 565-573.	1.7	9
18	Clarifications on our review on estimating dose delivery accuracy in stereotactic body radiation therapy: A review of in-vivo measurement methods: In response to the letter of Kos. <i>Radiotherapy and Oncology</i> , 2020, 153, 320-321.	0.3	0

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19	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?. Radiotherapy and Oncology, 2020, 150, 184-190.	0.3	12
20	Recursive partitioning model-based analysis for survival of colorectal cancer patients with lung and liver oligometastases treated with stereotactic body radiation therapy. Journal of Cancer Research and Clinical Oncology, 2020, 146, 1227-1234.	1.2	5
21	Linac-based stereotactic body radiation therapy for low and intermediate-risk prostate cancer. Strahlentherapie Und Onkologie, 2020, 196, 608-616.	1.0	8
22	Stereotactic Radiotherapy for Ultra-Central Lung Oligometastases in Non-Small-Cell Lung Cancer. Cancers, 2020, 12, 885.	1.7	10
23	Multi-site evaluation of the Razor stereotactic diode for CyberKnife small field relative dosimetry. Physica Medica, 2019, 65, 40-45.	0.4	6
24	A national survey on technology and quality assurance for stereotactic body radiation therapy. Physica Medica, 2019, 65, 6-14.	0.4	10
25	Total marrow irradiation for hematopoietic malignancies using volumetric modulated arc therapy: A review of treatment planning studies. Physics and Imaging in Radiation Oncology, 2019, 11, 47-53.	1.2	18
26	EP-1916 Predictive model of the dose to the heart based on geometry evaluation in left breast radiotherapy. Radiotherapy and Oncology, 2019, 133, S1041-S1042.	0.3	0
27	EP-2095 SBRT of prostate with integrated boost of Dominant Lesion. A crowd-knowledge based planning study. Radiotherapy and Oncology, 2019, 133, S1157-S1158.	0.3	0
28	Computed tomography based radiomic signature as predictive of survival and local control after stereotactic body radiation therapy in pancreatic carcinoma. PLoS ONE, 2019, 14, e0210758.	1.1	58
29	Plan quality improvement by DVH sharing and planner's experience: Results of a SBRT multicentric planning study on prostate. Physica Medica, 2019, 62, 73-82.	0.4	25
30	Does deep inspiration breath hold reduce plan complexity? Multicentric experience of left breast cancer radiotherapy with volumetric modulated arc therapy. Physica Medica, 2019, 59, 79-85.	0.4	15
31	Linac-based stereotactic body radiation therapy vs moderate hypofractionated radiotherapy in prostate cancer: propensity-score based comparison of outcome and toxicity. British Journal of Radiology, 2019, 92, 20190021.	1.0	6
32	Reirradiation of Locally Recurrent Prostate Cancer With Volumetric Modulated Arc Therapy. International Journal of Radiation Oncology Biology Physics, 2019, 104, 614-621.	0.4	22
33	MLC parameters from static fields to VMAT plans: an evaluation in a RT-dedicated MC environment (PRIMO). Radiation Oncology, 2019, 14, 216.	1.2	9
34	SBRT planning for spinal metastasis: indications from a large multicentric study. Strahlentherapie Und Onkologie, 2019, 195, 226-235.	1.0	25
35	Community approach for reducing small field measurement errors: Experience over 24 centres. Radiotherapy and Oncology, 2019, 132, 218-222.	0.3	8
36	Role of Stereotactic Body Radiation Therapy for the Management of Oligometastatic Renal Cell Carcinoma. Journal of Urology, 2019, 201, 70-76.	0.2	44

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37	Applying Lean-Six-Sigma Methodology in radiotherapy: Lessons learned by the breast daily repositioning case. <i>Radiotherapy and Oncology</i> , 2018, 127, 326-331.	0.3	17
38	A multi-center output factor intercomparison to uncover systematic inaccuracies in small field dosimetry. <i>Physics and Imaging in Radiation Oncology</i> , 2018, 5, 93-96.	1.2	10
39	Editorial: The role of medical physics in lung SBRT. <i>Physica Medica</i> , 2018, 45, 205-206.	0.4	4
40	Small field characterization of a Nanochamber prototype under flattening filter free photon beams. <i>Physica Medica</i> , 2018, 49, 139-146.	0.4	13
41	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.	1.2	73
42	Randomized Phase III Trial Comparing Gamma Knife and Linac Based (EDGE) Approaches for Brain Metastases Radiosurgery: Results from the Gadget Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 102, S143-S144.	0.4	9
43	EP-1980: Influence of different DVH algorithms on dose constraints evaluation for SBRT. <i>Radiotherapy and Oncology</i> , 2018, 127, S1077-S1078.	0.3	0
44	SBRT for pancreatic cancer: In regard of Bohoudi et al.. <i>Radiotherapy and Oncology</i> , 2018, 127, 509-510.	0.3	2
45	Clinical results of stereotactic body radiotherapy (SBRT) in the treatment of isolated local recurrence of pancreatic cancer after RO surgery: A retrospective study. <i>European Journal of Surgical Oncology</i> , 2017, 43, 735-742.	0.5	33
46	Organs at risk in lung SBRT. <i>Physica Medica</i> , 2017, 44, 131-138.	0.4	24
47	Use of PTW-microDiamond for relative dosimetry of unflattened photon beams. <i>Physica Medica</i> , 2017, 38, 45-53.	0.4	12
48	RapidPlan head and neck model: the objectives and possible clinical benefit. <i>Radiation Oncology</i> , 2017, 12, 73.	1.2	66
49	Frontiers in planning optimization for lung SBRT. <i>Physica Medica</i> , 2017, 44, 163-170.	0.4	25
50	Dosimetric characterization of small fields using a plastic scintillator detector: A large multicenter study. <i>Physica Medica</i> , 2017, 41, 33-38.	0.4	14
51	<sup>11</sup> C-Choline-Pet Guided Stereotactic Body Radiation Therapy for Lymph Node Metastases in Oligometastatic Prostate Cancer. <i>Cancer Investigation</i> , 2017, 35, 586-593.	0.6	14
52	PO-0778: New Razor silicon diode for Cyber Knife small beam relative dosimetry: a multi-site evaluation. <i>Radiotherapy and Oncology</i> , 2017, 123, S412-S413.	0.3	1
53	OC-0347: Key factors for SBRT planning of spinal metastasis: Indications from a large scale multicentre study. <i>Radiotherapy and Oncology</i> , 2017, 123, S183-S184.	0.3	0
54	EP-1439: Small field dosimetry; preliminary characterization of a nano-chamber with a focus on stem effect. <i>Radiotherapy and Oncology</i> , 2017, 123, S767-S768.	0.3	1

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55	EP-1637: Critical appraisal of deep inspiration breath hold CBCT for left breast using VMAT. Radiotherapy and Oncology, 2017, 123, S887-S888.	0.3	2
56	Minimally Invasive Stereotactical Radio-ablation of Adrenal Metastases as an Alternative to Surgery. Cancer Research and Treatment, 2017, 49, 20-28.	1.3	34
57	Time for crowd knowledge-based approach in SBRT planning. Strahlentherapie Und Onkologie, 2017, 193, 1066-1067.	1.0	5
58	High-quality Linac-based Stereotactic Body Radiation Therapy with Flattening Filter Free Beams and Volumetric Modulated Arc Therapy for Low-Intermediate Risk Prostate Cancer. A Mono-institutional Experience with 90 Patients. Clinical Oncology, 2016, 28, e173-e178.	0.6	33
59	Technical Note: Multicenter study of TrueBeam FFF beams with a new stereotactic diode: Can a common small field signal ratio curve be defined?. Medical Physics, 2016, 43, 5570-5576.	1.6	15
60	Multicenter evaluation of a synthetic single-crystal diamond detector for CyberKnife small field size output factors. Physica Medica, 2016, 32, 575-581.	0.4	30
61	Stereotactic radiosurgery for intracranial metastases: linac-based and gamma-dedicated unit approach. Expert Review of Anticancer Therapy, 2016, 16, 731-740.	1.1	27
62	Lung stereotactic ablative body radiotherapy: A large scale multi-institutional planning comparison for interpreting results of multi-institutional studies. Physica Medica, 2016, 32, 600-606.	0.4	54
63	SBRT for prostate cancer: Challenges and features from a physicist prospective. Physica Medica, 2016, 32, 479-484.	0.4	23
64	Multiinstitutional national study for planning comparison on different anatomical sites. Physica Medica, 2016, 32, 178.	0.4	0
65	EP-1948: Multicentre comparison for small field dosimetry using the new silicon diode RAZOR. Radiotherapy and Oncology, 2016, 119, S924-S925.	0.3	1
66	CyberKnife beam output factor measurements: A multi-site and multi-detector study. Physica Medica, 2016, 32, 1637-1643.	0.4	35
67	Role of Stereotactic Body Radiation Therapy With Volumetric Modulated Arc Therapy Technique and FFF Beams for Abdomino-Pelvic Lymph Node Metastases in Oligometastatic Patients. International Journal of Radiation Oncology Biology Physics, 2016, 96, E142-E143.	0.4	0
68	Small field correction factors for the IBA Razor. Physica Medica, 2016, 32, 1025-1029.	0.4	13
69	PO-0869: Comparing Varian EDGE and Gamma Knife for brain metastases radiosurgery. Preliminary results. Radiotherapy and Oncology, 2016, 119, S415-S416.	0.3	0
70	Phase II trial of hypofractionated VMAT-based treatment for early stage breast cancer: 2-year toxicity and clinical results. Radiation Oncology, 2016, 11, 120.	1.2	38
71	Role of Stereotactic Body Radiation Therapy with Volumetric-Modulated Arcs and High-Intensity Photon Beams for the Treatment of Abdomino-Pelvic Lymph-Node Metastases. Cancer Investigation, 2016, 34, 348-354.	0.6	16
72	EP-1279: SABR in inoperable liver oligometastatic patients and radioresistant primary tumors.. Radiotherapy and Oncology, 2016, 119, S601-S602.	0.3	0

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73	Small field output factors evaluation with a microDiamond detector over 30 Italian centers. <i>Physica Medica</i> , 2016, 32, 1644-1650.	0.4	25
74	Characterization of a new unshielded diode for small field dosimetry under flattening filter free beams. <i>Physica Medica</i> , 2016, 32, 408-413.	0.4	22
75	Accuracy evaluation of the optical surface monitoring system on EDGE linear accelerator in a phantom study. <i>Medical Dosimetry</i> , 2016, 41, 173-179.	0.4	34
76	Multicentre treatment planning inter-comparison in a national context: The liver stereotactic ablative radiotherapy case. <i>Physica Medica</i> , 2016, 32, 277-283.	0.4	53
77	Role of SBRT with VMAT technique and FFF beams for lymph-node metastases in oligometastatic patients from genitourinary malignancies.. <i>Journal of Clinical Oncology</i> , 2016, 34, e16136-e16136.	0.8	0
78	Treatment: Outcome and Toxicity of Volumetric Modulated Arc Therapy in Oropharyngeal Carcinoma. <i>Anticancer Research</i> , 2016, 36, 3451-7.	0.5	1
79	Dosimetric Impact of a Rectal Spacer and an Increased Near Maximum Target Dose in VMAT Prostate SBRT.55. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, E552-E553.	0.4	0
80	Toxicity profile and early clinical outcome for advanced head and neck cancer patients treated with simultaneous integrated boost and volumetric modulated arc therapy. <i>Radiation Oncology</i> , 2015, 10, 224.	1.2	22
81	The challenge of inoperable hepatocellular carcinoma (HCC): results of a single-institutional experience on stereotactic body radiation therapy (SBRT). <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 1301-1309.	1.2	135
82	Multi-institutional application of Failure Mode and Effects Analysis (FMEA) to CyberKnife Stereotactic Body Radiation Therapy (SBRT). <i>Radiation Oncology</i> , 2015, 10, 132.	1.2	49
83	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.	0.4	34
84	A feasibility dosimetric study on prostate cancer. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 573-581.	1.0	33
85	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.	1.2	19
86	Volumetric-modulated arc stereotactic body radiotherapy for prostate cancer: dosimetric impact of an increased near-maximum target dose and of a rectal spacer. <i>British Journal of Radiology</i> , 2015, 88, 20140736.	1.0	38
87	Are pitch and roll compensations required in all pathologies? A data analysis of 2945 fractions. <i>British Journal of Radiology</i> , 2015, 88, 20150468.	1.0	12
88	The role of stereotactic body radiation therapy (SBRT) in the treatment of oligometastatic disease in the elderly. <i>British Journal of Radiology</i> , 2015, 88, 20150111.	1.0	15
89	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.	1.6	25
90	Role of the Technical Aspects of Hypofractionated Radiation Therapy Treatment of Prostate Cancer: A Review. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 182-195.	0.4	34

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91	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.	1.2	145
92	Performance of a Knowledge-Based Model for Optimization of Volumetric Modulated Arc Therapy Plans for Single and Bilateral Breast Irradiation. <i>PLoS ONE</i> , 2015, 10, e0145137.	1.1	55
93	What is the role of [11C]choline PET/CT in decision making strategy before post-operative salvage radiation therapy in prostate cancer patients?. <i>Acta Oncologica</i> , 2014, 53, 990-992.	0.8	11
94	Stereotactic Ablative Radiotherapy (SABR) in inoperable oligometastatic disease from colorectal cancer: a safe and effective approach. <i>BMC Cancer</i> , 2014, 14, 619.	1.1	86
95	Radiation therapy of anal canal cancer: from conformal therapy to volumetric modulated arc therapy. <i>BMC Cancer</i> , 2014, 14, 833.	1.1	19
96	Total monitor units influence on plan quality parameters in volumetric modulated arc therapy for breast case. <i>Physica Medica</i> , 2014, 30, 296-300.	0.4	15
97	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.	0.3	42
98	Robustness and In Vivo Dosimetry for Total Marrow Irradiation With VMAT. <i>International Journal of Radiation Oncology Biology Physics</i> , 2014, 90, S936-S937.	0.4	0
99	Crowd knowledge based community in radiotherapy: In response to Yartev et al.. <i>Radiotherapy and Oncology</i> , 2014, 112, 453.	0.3	3
100	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.	1.2	3
101	Stereotactic body radiotherapy (sbrt) in lung oligometastatic patients: role of local treatments. <i>Radiation Oncology</i> , 2014, 9, 91.	1.2	81
102	Monte Carlo simulation of TrueBeam flattening-filter-free beams using Varian phase-space files: Comparison with experimental data. <i>Medical Physics</i> , 2014, 41, 051707.	1.6	40
103	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.	1.2	20
104	Impact of 11C-methionine positron emission tomography/computed tomography on radiation therapy planning and prognosis in patients with primary brain tumors. <i>Tumori</i> , 2014, 100, 636-644.	0.6	7
105	Impact of 11C-methionine positron emission tomography/computed tomography on radiation therapy planning and prognosis in patients with primary brain tumors. <i>Tumori</i> , 2014, 100, 636-44.	0.6	7
106	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.	1.2	27
107	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.	1.2	98
108	SBRT in unresectable advanced pancreatic cancer: preliminary results of a mono-institutional experience. <i>Radiation Oncology</i> , 2013, 8, 148.	1.2	91

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109	Dosimetric comparison between VMAT with different dose calculation algorithms and protons for soft-tissue sarcoma radiotherapy. <i>Acta Oncologica</i> , 2013, 52, 545-552.	0.8	32
110	Dosimetric Effects of Involuntary Motion for Total Marrow Irradiation With Volumetric Modulated Arc Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, S677.	0.4	0
111	SBRT in Unresectable Advanced Pancreatic Cancer: Preliminary Results of a Single Institutional Experience. <i>International Journal of Radiation Oncology Biology Physics</i> , 2013, 87, S305.	0.4	0
112	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.	0.3	141
113	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.	0.4	168
114	11C Choline PET Guided Salvage Radiotherapy with Volumetric Modulation Arc Therapy and Hypofractionation for Recurrent Prostate Cancer after HIFU Failure: Preliminary Results of Tolerability and Acute Toxicity. <i>TCRT Express</i> , 2013, 13, 395-401.	1.5	7
115	Study of the radioluminescence spectra of doped silica optical fibre dosimeters for stem effect removal. <i>Journal Physics D: Applied Physics</i> , 2013, 46, 015101.	1.3	25
116	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.	1.6	34
117	Hypofractionation with VMAT versus 3DCRT in post-operative patients with prostate cancer. <i>Anticancer Research</i> , 2013, 33, 4537-43.	0.5	22
118	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.	1.6	39
119	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.	1.6	49
120	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.	0.8	26
121	Moderate hypofractionation and simultaneous integrated boost with volumetric modulated arc therapy (RapidArc) for prostate cancer. <i>Strahlentherapie Und Onkologie</i> , 2012, 188, 990-996.	1.0	39
122	Volumetric Modulation Arc Radiotherapy With Flattening Filter-Free Beams Compared With Static Gantry IMRT and 3D Conformal Radiotherapy for Advanced Esophageal Cancer: A Feasibility Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, 553-560.	0.4	95
123	Reply to the Letter to the editor on Cranio-spinal irradiation with volumetric modulated arc therapy by G. Saini et al.. <i>Radiotherapy and Oncology</i> , 2012, 102, 322-323.	0.3	0
124	Vertebral metastases reirradiation with volumetric-modulated arc radiotherapy. <i>Radiotherapy and Oncology</i> , 2012, 102, 416-420.	0.3	14
125	Initial experience of hypofractionated radiation retreatment with true beam and flattening filter free beam in selected case reports of recurrent nasopharyngeal carcinoma. <i>Reports of Practical Oncology and Radiotherapy</i> , 2012, 17, 262-268.	0.3	13
126	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.	0.8	76



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127	Lung Metastases in Oligometastatic Patients: A New SBRT Approach Using VMAT With Flattening Filter-free (FFF) Beams. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 84, S579.	0.4	2
128	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.	1.2	38
129	Phase I-II study of hypofractionated simultaneous integrated boost using volumetric modulated arc therapy for adjuvant radiation therapy in breast cancer patients: a report of feasibility and early toxicity results in the first 50 treatments. <i>Radiation Oncology</i> , 2012, 7, 145.	1.2	72
130	Early Surgical Experience with Minimally Invasive Percutaneous Approach for Patients with Metastatic Epidural Spinal Cord Compression (MESCC) to Poor Prognoses. <i>Annals of Surgical Oncology</i> , 2012, 19, 294-300.	0.7	39
131	Chest wall radiotherapy with volumetric modulated arcs and the potential role of flattening filter free photon beams. <i>Strahlentherapie Und Onkologie</i> , 2012, 188, 484-491.	1.0	38
132	Assessment of prognostic factors in patients with metastatic epidural spinal cord compression (MESCC) from solid tumor after surgery plus radiotherapy: a single institution experience. <i>European Spine Journal</i> , 2012, 21, 146-148.	1.0	38
133	Stereotactic body radiation therapy for liver tumours using flattening filter free beam: dosimetric and technical considerations. <i>Radiation Oncology</i> , 2012, 7, 16.	1.2	57
134	Prospective phase II trial of cetuximab plus VMAT-SIB in locally advanced head and neck squamous cell carcinoma. <i>Strahlentherapie Und Onkologie</i> , 2012, 188, 49-55.	1.0	28
135	Semiautomatic method to identify the best phase for gated RT in lung region by 4D PET/CT acquisitions. <i>Medical Physics</i> , 2011, 38, 354-362.	1.6	3
136	Multicentric Pre-Treatment Quality Assurance Study on first 166 Patients Treated with Truebeam using Flattering Filter Free Beams. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, S889.	0.4	0
137	Collimator Angle and Lesion Volume Relationship in Liver Lesion Hypo-Fractionated Radiotherapy with Flattening Filter and Flattening Filter Free Modality. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, S854.	0.4	0
138	Dosimetric validation of the Acuros XB Advanced Dose Calculation algorithm: fundamental characterization in water. <i>Physics in Medicine and Biology</i> , 2011, 56, 2885-2886.	1.6	9
139	Dosimetric validation of the Acuros XB Advanced Dose Calculation algorithm: fundamental characterization in water. <i>Physics in Medicine and Biology</i> , 2011, 56, 1879-1904.	1.6	92
140	Shared Guidelines for the Treatment Planning of Neo-Adjuvant RT by 3D Conformal and VMAT Techniques: Contouring Inter-Variability and Dosimetric Consequences. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, S846.	0.4	1
141	Cranio-spinal irradiation with volumetric modulated arc therapy: A multi-institutional treatment experience. <i>Radiotherapy and Oncology</i> , 2011, 99, 79-85.	0.3	73
142	Clinical Outcome of Hypofractionated Stereotactic Radiotherapy for Abdominal Lymph Node Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 831-838.	0.4	81
143	Surgery Followed by Radiotherapy for the Treatment of Metastatic Epidural Spinal Cord Compression From Breast Cancer. <i>Spine</i> , 2011, 36, E1352-E1359.	1.0	13
144	Cone beam CT pre and post daily treatment for assessing geometrical and dosimetric intrafraction variability during radiotherapy of prostate cancer. <i>Journal of Applied Clinical Medical Physics</i> , 2011, 12, 141-152.	0.8	34

#	ARTICLE	IF	CITATIONS
145	Stereotactic Body Radiation Therapy (SBRT) for adrenal metastases. <i>Strahlentherapie Und Onkologie</i> , 2011, 187, 238-244.	1.0	41
146	Feasibility and early clinical assessment of flattening filter free (FFF) based stereotactic body radiotherapy (SBRT) treatments. <i>Radiation Oncology</i> , 2011, 6, 113.	1.2	107
147	In Response to Dr. Russi and Colleagues. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 1279-1280.	0.4	0
148	Preclinical Assessment of Volumetric Modulated Arc Therapy for Total Marrow Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 628-636.	0.4	68
149	Quality assurance of RapidArc in clinical practice using portal dosimetry. <i>British Journal of Radiology</i> , 2011, 84, 534-545.	1.0	38
150	Stereotactic body radiation therapy for abdominal targets using volumetric intensity modulated arc therapy with RapidArc: Feasibility and clinical preliminary results. <i>Acta Oncologica</i> , 2011, 50, 528-538.	0.8	51
151	Collimator angle influence on dose distribution optimization for vertebral metastases using	1.6	20
152	Semiautomatic technique for defining the internal gross tumor volume of lung tumors close to	1.6	14
153	Spatial distribution of beta extremity doses in nuclear medicine: A feasibility study with thin $^{125}\text{I}$ -Al <sub>2</sub> O <sub>3</sub> :C TLDs. <i>Physica Medica</i> , 2010, 26, 44-48.	0.4	11
154	Multimodal Approach to the Management of Metastatic Epidural Spinal Cord Compression (MESCC) Due to Solid Tumors. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 78, 1467-1473.	0.4	21
155	Volumetric Modulation Arc Radiotherapy Compared With Static Gantry Intensity-Modulated Radiotherapy for Malignant Pleural Mesothelioma Tumor: A Feasibility Study. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 77, 942-949.	0.4	71
156	Unresectable Locally Advanced Non-small Cell Lung Cancer: Early Clinical Experience for Large Volume Targets using Volumetric Modulated Arc Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 78, S538-S539.	0.4	0
157	Re-treatment of Spinal Metastases with Volumetric Modulated Arc Therapy: Feasibility and First Clinical Outcomes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 78, S583.	0.4	0
158	Total Marrow Irradiation: A Clinical Evaluation of a Volumetric Modulated Arc Therapy Technique. <i>International Journal of Radiation Oncology Biology Physics</i> , 2010, 78, S93.	0.4	0
159	Early clinical experience with volumetric modulated arc therapy in head and neck cancer patients. <i>Radiation Oncology</i> , 2010, 5, 93.	1.2	35
160	Large volume unresectable locally advanced non-small cell lung cancer: acute toxicity and initial outcome results with rapid arc. <i>Radiation Oncology</i> , 2010, 5, 94.	1.2	34
161	Re-irradiation of metastatic spinal cord compression: A feasibility study by volumetric-modulated arc radiotherapy for in-field recurrence creating a dosimetric hole on the central canal. <i>Radiotherapy and Oncology</i> , 2010, 94, 67-70.	0.3	39
162	Applying failure mode effects and criticality analysis in radiotherapy: Lessons learned and perspectives of enhancement. <i>Radiotherapy and Oncology</i> , 2010, 94, 367-374.	0.3	57

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163	Internal target volume defined by contrast-enhanced 4D-CT scan in unresectable pancreatic tumour: Evaluation and reproducibility. <i>Radiotherapy and Oncology</i> , 2010, 97, 525-529.	0.3	29
164	Critical Appraisal of Volumetric Modulated Arc Therapy in Stereotactic Body Radiation Therapy for Metastases to Abdominal Lymph Nodes. <i>International Journal of Radiation Oncology Biology Physics</i> , 2009, 75, 1570-1577.	0.4	56
165	4D- $\text{PET}$ data sorting into different number of phases: a NEMA IQ phantom study. <i>Journal of Applied Clinical Medical Physics</i> , 2009, 10, 220-231.	0.8	8
166	Hypofractionated stereotactic radiotherapy and radiosurgery for the treatment of patients with radioresistant brain metastases. <i>Anticancer Research</i> , 2009, 29, 4259-63.	0.5	23
167	Contrast enhanced 4D-CT imaging for target volume definition in pancreatic ductal adenocarcinoma. <i>Radiotherapy and Oncology</i> , 2008, 87, 339-342.	0.3	24
168	Angular dependence of the TL reading of thin $\text{Al}_2\text{O}_3:\text{C}$ dosimeters exposed to different beta spectra. <i>Radiation Protection Dosimetry</i> , 2005, 113, 359-365.	0.4	7