

# Pietro Mancosu

## List of Publications by Year in descending order

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168  
papers

4,588  
citations

94433

37  
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138484

58  
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168  
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168  
docs citations

168  
times ranked

4184  
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	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.	2.5	135
5	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
6	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
7	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.	0.8	95
8	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.	3.0	92
9	SBRT in unresectable advanced pancreatic cancer: preliminary results of a mono-institutional experience. <i>Radiation Oncology</i> , 2013, 8, 148.	2.7	91
10	Stereotactic Ablative Radiotherapy (SABR) in inoperable oligometastatic disease from colorectal cancer: a safe and effective approach. <i>BMC Cancer</i> , 2014, 14, 619.	2.6	86
11	Clinical Outcome of Hypofractionated Stereotactic Radiotherapy for Abdominal Lymph Node Metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 81, 831-838.	0.8	81
12	Stereotactic body radiotherapy (sbrt) in lung oligometastatic patients: role of local treatments. <i>Radiation Oncology</i> , 2014, 9, 91.	2.7	81
13	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
14	Cranio-spinal irradiation with volumetric modulated arc therapy: A multi-institutional treatment experience. <i>Radiotherapy and Oncology</i> , 2011, 99, 79-85.	0.6	73
15	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
16	Phase III 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.	2.7	72
17	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.	0.8	71
18	Preclinical Assessment of Volumetric Modulated Arc Therapy for Total Marrow Irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 628-636.	0.8	68

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19	RapidPlan head and neck model: the objectives and possible clinical benefit. <i>Radiation Oncology</i> , 2017, 12, 73.	2.7	66
20	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
21	Applying failure mode effects and criticality analysis in radiotherapy: Lessons learned and perspectives of enhancement. <i>Radiotherapy and Oncology</i> , 2010, 94, 367-374.	0.6	57
22	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
23	Total marrow and total lymphoid irradiation in bone marrow transplantation for acute leukaemia. <i>Lancet Oncology</i> , The, 2020, 21, e477-e487.	10.7	57
24	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.	0.8	56
25	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.	2.5	55
26	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
27	Multicentre treatment planning inter-comparison in a national context: The liver stereotactic ablative radiotherapy case. <i>Physica Medica</i> , 2016, 32, 277-283.	0.7	53
28	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.	1.8	51
29	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
30	Multi-institutional application of Failure Mode and Effects Analysis (FMEA) to CyberKnife Stereotactic Body Radiation Therapy (SBRT). <i>Radiation Oncology</i> , 2015, 10, 132.	2.7	49
31	Role of Stereotactic Body Radiation Therapy for the Management of Oligometastatic Renal Cell Carcinoma. <i>Journal of Urology</i> , 2019, 201, 70-76.	0.4	44
32	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
33	Stereotactic Body Radiation Therapy (SBRT) for adrenal metastases. <i>Strahlentherapie Und Onkologie</i> , 2011, 187, 238-244.	2.0	41
34	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.	3.0	40
35	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.	0.6	39
36	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

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37	Moderate hypofractionation and simultaneous integrated boost with volumetric modulated arc therapy (RapidArc) for prostate cancer. <i>Strahlentherapie Und Onkologie</i> , 2012, 188, 990-996.	2.0	39
38	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.	1.5	39
39	Quality assurance of RapidArc in clinical practice using portal dosimetry. <i>British Journal of Radiology</i> , 2011, 84, 534-545.	2.2	38
40	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
41	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.	2.0	38
42	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.	2.2	38
43	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.	2.2	38
44	Phase II trial of hypofractionated VMAT-based treatment for early stage breast cancer: 2-year toxicity and clinical results. <i>Radiation Oncology</i> , 2016, 11, 120.	2.7	38
45	Early clinical experience with volumetric modulated arc therapy in head and neck cancer patients. <i>Radiation Oncology</i> , 2010, 5, 93.	2.7	35
46	CyberKnife beam output factor measurements: A multi-site and multi-detector study. <i>Physica Medica</i> , 2016, 32, 1637-1643.	0.7	35
47	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.	2.7	34
48	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.	1.9	34
49	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
50	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
51	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.	0.8	34
52	Accuracy evaluation of the optical surface monitoring system on EDGE linear accelerator in a phantom study. <i>Medical Dosimetry</i> , 2016, 41, 173-179.	0.9	34
53	Minimally Invasive Stereotactical Radio-ablation of Adrenal Metastases as an Alternative to Surgery. <i>Cancer Research and Treatment</i> , 2017, 49, 20-28.	3.0	34
54	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.	0.6	34

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55	A feasibility dosimetric study on prostate cancer. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 573-581.	2.0	33
56	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. <i>Clinical Oncology</i> , 2016, 28, e173-e178.	1.4	33
57	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.	1.0	33
58	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
59	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
60	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.	0.6	29
61	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.	2.0	28
62	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
63	Stereotactic radiosurgery for intracranial metastases: linac-based and gamma-dedicated unit approach. <i>Expert Review of Anticancer Therapy</i> , 2016, 16, 731-740.	2.4	27
64	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
65	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.	2.8	25
66	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
67	Small field output factors evaluation with a microDiamond detector over 30 Italian centers. <i>Physica Medica</i> , 2016, 32, 1644-1650.	0.7	25
68	Frontiers in planning optimization for lung SBRT. <i>Physica Medica</i> , 2017, 44, 163-170.	0.7	25
69	Plan quality improvement by DVH sharing and planner's experience: Results of a SBRT multicentric planning study on prostate. <i>Physica Medica</i> , 2019, 62, 73-82.	0.7	25
70	SBRT planning for spinal metastasis: indications from a large multicentric study. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 226-235.	2.0	25
71	Contrast enhanced 4D-CT imaging for target volume definition in pancreatic ductal adenocarcinoma. <i>Radiotherapy and Oncology</i> , 2008, 87, 339-342.	0.6	24
72	Organs at risk in lung SBRT. <i>Physica Medica</i> , 2017, 44, 131-138.	0.7	24

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73	SBRT for prostate cancer: Challenges and features from a physicist prospective. <i>Physica Medica</i> , 2016, 32, 479-484.	0.7	23
74	Hypofractionated stereotactic radiotherapy and radiosurgery for the treatment of patients with radioresistant brain metastases. <i>Anticancer Research</i> , 2009, 29, 4259-63.	1.1	23
75	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.	2.7	22
76	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
77	Reirradiation of Locally Recurrent Prostate Cancer With Volumetric Modulated Arc Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019, 104, 614-621.	0.8	22
78	Hypofractionation with VMAT versus 3DCRT in post-operative patients with prostate cancer. <i>Anticancer Research</i> , 2013, 33, 4537-43.	1.1	22
79	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.	0.8	21
80	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.	0.8	21
81	Collimator angle influence on dose distribution optimization for vertebral metastases using	3.0	20
82	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
83	Radiation therapy of anal canal cancer: from conformal therapy to volumetric modulated arc therapy. <i>BMC Cancer</i> , 2014, 14, 833.	2.6	19
84	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
85	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
86	Total marrow irradiation for hematopoietic malignancies using volumetric modulated arc therapy: A review of treatment planning studies. <i>Physics and Imaging in Radiation Oncology</i> , 2019, 11, 47-53.	2.9	18
87	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
88	Role of Stereotactic Body Radiation Therapy with Volumetric-Modulated Arcs and High-Intensity Photon Beams for the Treatment of Abdomino-Pelvic Lymph-Node Metastases. <i>Cancer Investigation</i> , 2016, 34, 348-354.	1.3	16
89	Total monitor units influence on plan quality parameters in volumetric modulated arc therapy for breast case. <i>Physica Medica</i> , 2014, 30, 296-300.	0.7	15
90	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.	2.2	15

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91	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
92	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
93	Semiautomatic technique for defining the internal gross tumor volume of lung tumors close to	3.0	14
94	Vertebral metastases reirradiation with volumetric-modulated arc radiotherapy. <i>Radiotherapy and Oncology</i> , 2012, 102, 416-420.	0.6	14
95	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
96	<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.	1.3	14
97	Surgery Followed by Radiotherapy for the Treatment of Metastatic Epidural Spinal Cord Compression From Breast Cancer. <i>Spine</i> , 2011, 36, E1352-E1359.	2.0	13
98	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.	0.6	13
99	Small field correction factors for the IBA Razor. <i>Physica Medica</i> , 2016, 32, 1025-1029.	0.7	13
100	Small field characterization of a Nanochamber prototype under flattening filter free photon beams. <i>Physica Medica</i> , 2018, 49, 139-146.	0.7	13
101	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
102	Use of PTW-microDiamond for relative dosimetry of unflattened photon beams. <i>Physica Medica</i> , 2017, 38, 45-53.	0.7	12
103	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
104	Spatial distribution of beta extremity doses in nuclear medicine: A feasibility study with thin $^{18}\text{Al}_2\text{O}_3\text{:C}$ TLDs. <i>Physica Medica</i> , 2010, 26, 44-48.	0.7	11
105	What is the role of [ <sup>11</sup> C]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.	1.8	11
106	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.	2.9	10
107	A national survey on technology and quality assurance for stereotactic body radiation therapy. <i>Physica Medica</i> , 2019, 65, 6-14.	0.7	10
108	Stereotactic Radiotherapy for Ultra-Central Lung Oligometastases in Non-Small-Cell Lung Cancer. <i>Cancers</i> , 2020, 12, 885.	3.7	10



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109	Development of an Immobilization Device for Total Marrow Irradiation. <i>Practical Radiation Oncology</i> , 2021, 11, e98-e105.	2.1	10
110	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.	3.0	9
111	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.	0.8	9
112	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
113	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
114	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
115	$^4\text{D}\alpha\text{PET}$ data sorting into different number of phases: a NEMA IQ phantom study. <i>Journal of Applied Clinical Medical Physics</i> , 2009, 10, 220-231.	1.9	8
116	Community approach for reducing small field measurement errors: Experience over 24 centres. <i>Radiotherapy and Oncology</i> , 2019, 132, 218-222.	0.6	8
117	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
118	Dose coverage impacts local control in ultra-central lung oligometastases treated with stereotactic radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 396-404.	2.0	8
119	Angular dependence of the TL reading of thin $\hat{\pm}\text{Al}_2\text{O}_3\text{:C}$ dosimeters exposed to different beta spectra. <i>Radiation Protection Dosimetry</i> , 2005, 113, 359-365.	0.8	7
120	$^{11}\text{C}$ 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
121	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
122	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.	1.2	7
123	Impact of $^{11}\text{C}$ -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.	1.1	7
124	Impact of $^{11}\text{C}$ -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.	1.1	7
125	Applications of artificial intelligence in stereotactic body radiation therapy. <i>Physics in Medicine and Biology</i> , 2022, 67, 16TR01.	3.0	7
126	Multi-site evaluation of the Razor stereotactic diode for CyberKnife small field relative dosimetry. <i>Physica Medica</i> , 2019, 65, 40-45.	0.7	6



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127	Linac-based stereotactic body radiation therapy vs moderate hypofractionated radiotherapy in prostate cancer: propensity-score based comparison of outcome and toxicity. <i>British Journal of Radiology</i> , 2019, 92, 20190021.	2.2	6
128	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.	1.3	6
129	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
130	Lean Thinking to manage a national working group on physics aspects of Stereotactic Body Radiation Therapy. <i>Medical Physics</i> , 2021, 48, 2050-2056.	3.0	5
131	Time for crowd knowledge-based approach in SBRT planning. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 1066-1067.	2.0	5
132	Editorial: The role of medical physics in lung SBRT. <i>Physica Medica</i> , 2018, 45, 205-206.	0.7	4
133	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.	2.6	4
134	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
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.	3.0	3
136	Crowd knowledge based community in radiotherapy: In response to Yartev et al.. <i>Radiotherapy and Oncology</i> , 2014, 112, 453.	0.6	3
137	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
138	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.	0.8	2
139	EP-1637: Critical appraisal of deep inspiration breath hold CBCT for left breast using VMAT. <i>Radiotherapy and Oncology</i> , 2017, 123, S887-S888.	0.6	2
140	SBRT for pancreatic cancer: In regard of Bohoudi et al.. <i>Radiotherapy and Oncology</i> , 2018, 127, 509-510.	0.6	2
141	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
142	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.	0.8	1
143	EP-1948: Multicentre comparison for small field dosimetry using the new silicon diode RAZOR. <i>Radiotherapy and Oncology</i> , 2016, 119, S924-S925.	0.6	1
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