

Marta Scorsetti

List of Publications by Citations

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291
papers

6,230
citations

41
h-index

63
g-index

297
ext. papers

7,886
ext. citations

3.7
avg, IF

5.67
L-index

#	Paper	IF	Citations
291	Characterisation and classification of oligometastatic disease: a European Society for Radiotherapy and Oncology and European Organisation for Research and Treatment of Cancer consensus recommendation. <i>Lancet Oncology</i> , 2020 , 21, e18-e28	21.7	232
290	Long-Term Follow-up Results of the DANTE Trial, a Randomized Study of Lung Cancer Screening with Spiral Computed Tomography. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 1166-75	10.2	208
289	Review and uses of stereotactic body radiation therapy for oligometastases. <i>Oncologist</i> , 2012 , 17, 1100-3.7	3.7	153
288	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, 336-42	4	141
287	Thymoma and thymic carcinomas. <i>Critical Reviews in Oncology/Hematology</i> , 2016 , 99, 332-50	7	127
286	On the pre-clinical validation of a commercial model-based optimisation engine: application to volumetric modulated arc therapy for patients with lung or prostate cancer. <i>Radiotherapy and Oncology</i> , 2014 , 113, 385-91	5.3	121
285	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, 414-8	5.3	120
284	Defining oligometastatic disease from a radiation oncology perspective: An ESTRO-ASTRO consensus document. <i>Radiotherapy and Oncology</i> , 2020 , 148, 157-166	5.3	113
283	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, 543-53	4.9	104
282	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, 1301-9	4.9	103
281	Feasibility and early clinical assessment of flattening filter free (FFF) based stereotactic body radiotherapy (SBRT) treatments. <i>Radiation Oncology</i> , 2011 , 6, 113	4.2	100
280	Stereotactic Body Radiation Therapy for Locally Advanced Pancreatic Cancer: A Systematic Review and Pooled Analysis of 19 Trials. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017 , 97, 313-322	4	87
279	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	4.2	85
278	A broad scope knowledge based model for optimization of VMAT in esophageal cancer: validation and assessment of plan quality among different treatment centers. <i>Radiation Oncology</i> , 2015 , 10, 220	4.2	77
277	Maximize surgical resection beyond contrast-enhancing boundaries in newly diagnosed glioblastoma multiforme: is it useful and safe? A single institution retrospective experience. <i>Journal of Neuro-Oncology</i> , 2017 , 135, 129-139	4.8	72
276	Stereotactic Ablative Radiotherapy (SABR) in inoperable oligometastatic disease from colorectal cancer: a safe and effective approach. <i>BMC Cancer</i> , 2014 , 14, 619	4.8	72
275	Stereotactic body radiotherapy (sbrt) in lung oligometastatic patients: role of local treatments. <i>Radiation Oncology</i> , 2014 , 9, 91	4.2	68

274	SBRT in unresectable advanced pancreatic cancer: preliminary results of a mono-institutional experience. <i>Radiation Oncology</i> , 2013 , 8, 148	4.2	68
273	Clinical outcome of hypofractionated stereotactic radiotherapy for abdominal lymph node metastases. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 81, 831-8	4	68
272	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, 618-23	3.2	61
271	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	4.2	60
270	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, 942-9	4	60
269	Stereotactic body radiotherapy for colorectal cancer liver metastases: A systematic review. <i>Radiotherapy and Oncology</i> , 2018 , 129, 427-434	5.3	59
268	Stereotactic Ablative Radiotherapy for stage I histologically proven non-small cell lung cancer: an Italian multicenter observational study. <i>Lung Cancer</i> , 2014 , 84, 248-53	5.9	59
267	Prognostic value of molecular and imaging biomarkers in patients with supratentorial glioma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017 , 44, 1155-1164	8.8	58
266	Cranio-spinal irradiation with volumetric modulated arc therapy: a multi-institutional treatment experience. <i>Radiotherapy and Oncology</i> , 2011 , 99, 79-85	5.3	57
265	Stereotactic body radiation therapy for liver metastases. <i>Journal of Gastrointestinal Oncology</i> , 2014 , 5, 190-7	2.8	57
264	Stereotactic body radiation therapy for lung metastases from soft tissue sarcoma. <i>European Journal of Cancer</i> , 2015 , 51, 668-74	7.5	56
263	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, 1570-7	4	56
262	RapidPlan head and neck model: the objectives and possible clinical benefit. <i>Radiation Oncology</i> , 2017 , 12, 73	4.2	53
261	Can Stereotactic Body Radiation Therapy Be a Viable and Efficient Therapeutic Option for Unresectable Locally Advanced Pancreatic Adenocarcinoma? Results of a Phase 2 Study. <i>Technology in Cancer Research and Treatment</i> , 2017 , 16, 295-301	2.7	52
260	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	4.8	52
259	Stereotactic body radiation therapy for liver tumours using flattening filter free beam: dosimetric and technical considerations. <i>Radiation Oncology</i> , 2012 , 7, 16	4.2	52
258	Preclinical assessment of volumetric modulated arc therapy for total marrow irradiation. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011 , 80, 628-36	4	51
257	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	3.7	48

256	Increased SOX2 gene copy number is associated with FGFR1 and PIK3CA gene gain in non-small cell lung cancer and predicts improved survival in early stage disease. <i>PLoS ONE</i> , 2014 , 9, e95303	3.7	47
255	Applying failure mode effects and criticality analysis in radiotherapy: lessons learned and perspectives of enhancement. <i>Radiotherapy and Oncology</i> , 2010 , 94, 367-74	5.3	46
254	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, 528-38	3.2	45
253	Metastasis-directed stereotactic radiotherapy for oligoprogressive castration-resistant prostate cancer: a multicenter study. <i>World Journal of Urology</i> , 2019 , 37, 2631-2637	4	44
252	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, 1112-8	4.4	44
251	Salvage therapy of intraprostatic failure after radical external-beam radiotherapy for prostate cancer: a review. <i>Critical Reviews in Oncology/Hematology</i> , 2013 , 88, 550-63	7	41
250	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	4.2	40
249	Clinical Outcome of Stereotactic Ablative Body Radiotherapy for Lung Metastatic Lesions in Non-small Cell Lung Cancer Oligometastatic Patients. <i>Clinical Oncology</i> , 2016 , 28, 13-20	2.8	38
248	Dosimetric trade-offs in breast treatment with VMAT technique. <i>British Journal of Radiology</i> , 2017 , 90, 20160701	3.4	38
247	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	3.7	37
246	Stereotactic body radiation therapy: A promising chance for oligometastatic breast cancer. <i>Breast</i> , 2016 , 26, 11-7	3.6	37
245	Hypo-fractionated stereotactic radiotherapy alone using volumetric modulated arc therapy for patients with single, large brain metastases unsuitable for surgical resection. <i>Radiation Oncology</i> , 2016 , 11, 76	4.2	37
244	Will SBRT replace conventional radiotherapy in patients with low-intermediate risk prostate cancer? A review. <i>Critical Reviews in Oncology/Hematology</i> , 2012 , 84, 101-8	7	35
243	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	3.4	34
242	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, 425-9	5.3	34
241	Moderate hypofractionation and simultaneous integrated boost with volumetric modulated arc therapy (RapidArc) for prostate cancer. Report of feasibility and acute toxicity. <i>Strahlentherapie Und Onkologie</i> , 2012 , 188, 990-6	4.3	34
240	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	4.2	34
239	Stereotactic body radiation therapy (SBRT) for adrenal metastases : a feasibility study of advanced techniques with modulated photons and protons. <i>Strahlentherapie Und Onkologie</i> , 2011 , 187, 238-44	4.3	34

238	Pretreatment quality assurance of flattening filter free beams on 224 patients for intensity modulated plans: a multicentric study. <i>Medical Physics</i> , 2012 , 39, 1351-6	4.4	34
237	Accuracy evaluation of fusion of CT, MR, and spect images using commercially available software packages (SRS PLATO and IFS). <i>International Journal of Radiation Oncology Biology Physics</i> , 1999 , 43, 227-34	4.4	34
236	Recommendations for the use of radiation therapy in managing patients with gastrointestinal malignancies in the era of COVID-19. <i>Radiotherapy and Oncology</i> , 2020 , 148, 194-200	5.3	34
235	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 Suppl 1, S146-8	2.7	33
234	Predictive factors for survival of oligometastatic colorectal cancer treated with Stereotactic body radiation therapy. <i>Radiotherapy and Oncology</i> , 2019 , 133, 220-226	5.3	33
233	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	5.3	32
232	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	4.2	31
231	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> , 2010 , 12, 3371	2.3	31
230	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	4.2	31
229	Diagnostic accuracy of ^{18}F -choline PET/CT in comparison with CT and/or MRI in patients with hepatocellular carcinoma. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015 , 42, 1399-407	8.8	29
228	Role of Surgical Resection in Patients with Single Large Brain Metastases: Feasibility, Morbidity, and Local Control Evaluation. <i>World Neurosurgery</i> , 2016 , 94, 6-12	2.1	29
227	Early clinical experience with volumetric modulated arc therapy in head and neck cancer patients. <i>Radiation Oncology</i> , 2010 , 5, 93	4.2	29
226	Feasibility of stereotactic body radiation therapy with volumetric modulated arc therapy and high intensity photon beams for hepatocellular carcinoma patients. <i>Radiation Oncology</i> , 2014 , 9, 18	4.2	28
225	Checkpoint inhibitors as treatment for malignant gliomas: "A long way to the top". <i>Cancer Treatment Reviews</i> , 2018 , 69, 121-131	14.4	27
224	Dosimetric comparison between VMAT with different dose calculation algorithms and protons for soft-tissue sarcoma radiotherapy. <i>Acta Oncologica</i> , 2013 , 52, 545-52	3.2	27
223	Percutaneous vertebral augmentation in metastatic disease: state of the art. <i>The Journal of Supportive Oncology</i> , 2011 , 9, 4-10		27
222	Prospective phase II trial of cetuximab plus VMAT-SIB in locally advanced head and neck squamous cell carcinoma. Feasibility and tolerability in elderly and chemotherapy-ineligible patients. <i>Strahlentherapie Und Onkologie</i> , 2012 , 188, 49-55	4.3	26
221	A Large, Multicenter, Retrospective Study on Efficacy and Safety of Stereotactic Body Radiotherapy (SBRT) in Oligometastatic Ovarian Cancer (MITO RT1 Study): A Collaboration of MITO, AIRO GYN, and MaNGO Groups. <i>Oncologist</i> , 2020 , 25, e311-e320	5.7	26

220	Minimally Invasive Stereotactical Radio-ablation of Adrenal Metastases as an Alternative to Surgery. <i>Cancer Research and Treatment</i> , 2017 , 49, 20-28	5.2	25
219	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	4.4	25
218	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	2.8	25
217	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	4.4	25
216	Value of Surgical Resection in Patients with Newly Diagnosed Grade III Glioma Treated in a Multimodal Approach: Surgery, Chemotherapy and Radiotherapy. <i>Annals of Surgical Oncology</i> , 2016 , 23, 3040-6	3.1	25
215	Predicting survival and local control after radiochemotherapy in locally advanced head and neck cancer by means of computed tomography based radiomics. <i>Strahlentherapie Und Onkologie</i> , 2019 , 195, 805-818	4.3	24
214	Plan robustness in field junction region from arcs with different patient orientation in total marrow irradiation with VMAT. <i>Physica Medica</i> , 2015 , 31, 677-82	2.7	24
213	Radiotherapy and immunotherapy: Can this combination change the prognosis of patients with melanoma brain metastases?. <i>Cancer Treatment Reviews</i> , 2016 , 50, 1-8	14.4	24
212	Accuracy evaluation of the optical surface monitoring system on EDGE linear accelerator in a phantom study. <i>Medical Dosimetry</i> , 2016 , 41, 173-9	1.3	24
211	High incidence of hypocalcemia and serum creatinine increase in patients with bone metastases treated with zoledronic acid. <i>Oncologist</i> , 2009 , 14, 548-56	5.7	24
210	Clinical results of stereotactic body radiotherapy (SBRT) in the treatment of isolated local recurrence of pancreatic cancer after R0 surgery: A retrospective study. <i>European Journal of Surgical Oncology</i> , 2017 , 43, 735-742	3.6	22
209	Salvage therapy of small volume prostate cancer nodal failures: a review of the literature. <i>Critical Reviews in Oncology/Hematology</i> , 2014 , 90, 24-35	7	22
208	Intensity Modulated Radiation Therapy and Second Cancer Risk in Adults. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 100, 17-20	4	22
207	Proton versus photon deep inspiration breath hold technique in patients with hodgkin lymphoma and mediastinal radiation : A PLANNING COMPARISON OF DEEP INSPIRATION BREATH HOLD INTENSITY MODULATION RADIOTHERAPY AND INTENSITY MODULATED PROTON THERAPY. <i>Radiation Oncology</i> , 2018 , 13, 122	4.2	21
206	Comorbidity, postoperative morbidity and survival in patients undergoing radical surgery for malignant pleural mesothelioma. <i>European Journal of Cardio-thoracic Surgery</i> , 2016 , 50, 1077-1082	3	21
205	Re-irradiation for recurrent glioma: outcome evaluation, toxicity and prognostic factors assessment. A multicenter study of the Radiation Oncology Italian Association (AIRO). <i>Journal of Neuro-Oncology</i> , 2019 , 142, 59-67	4.8	21
204	Recurrence pattern of stereotactic body radiotherapy in oligometastatic prostate cancer: a multi-institutional analysis. <i>Strahlentherapie Und Onkologie</i> , 2020 , 196, 213-221	4.3	21
203	Hypofractionated stereotactic radiation therapy in skull base meningiomas. <i>Journal of Neuro-Oncology</i> , 2015 , 124, 283-9	4.8	20

202	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, 5035-41	4.4	20
201	Oligometastasis and local ablation in the era of systemic targeted and immunotherapy. <i>Radiation Oncology</i> , 2020 , 15, 92	4.2	20
200	Critical Appraisal of the Risk of Secondary Cancer Induction From Breast Radiation Therapy With Volumetric Modulated Arc Therapy Relative to 3D Conformal Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 100, 785-793	4	20
199	The efficacy of Stereotactic body radiation therapy and the impact of systemic treatments in oligometastatic patients from prostate cancer. <i>Cancer Medicine</i> , 2018 , 7, 4379-4386	4.8	20
198	Role of Stereotactic Body Radiation Therapy for the Management of Oligometastatic Renal Cell Carcinoma. <i>Journal of Urology</i> , 2019 , 201, 70-76	2.5	20
197	SBRT for prostate cancer: Challenges and features from a physicist prospective. <i>Physica Medica</i> , 2016 , 32, 479-84	2.7	20
196	Stereotactic Body Radiation Therapy in Oligometastatic Ovarian Cancer: A Promising Therapeutic Approach. <i>International Journal of Gynecological Cancer</i> , 2018 , 28, 1507-1513	3.5	20
195	Critical Appraisal of the Treatment Planning Performance of Volumetric Modulated Arc Therapy by Means of a Dual Layer Stacked Multileaf Collimator for Head and Neck, Breast, and Prostate. <i>Technology in Cancer Research and Treatment</i> , 2018 , 17, 1533033818803882	2.7	20
194	Hypofractionated stereotactic radiotherapy and radiosurgery for the treatment of patients with radioresistant brain metastases. <i>Anticancer Research</i> , 2009 , 29, 4259-63	2.3	20
193	Hypofractionation with VMAT versus 3DCRT in post-operative patients with prostate cancer. <i>Anticancer Research</i> , 2013 , 33, 4537-43	2.3	20
192	Role of stereotactic body radiation therapy for lung metastases from radio-resistant primary tumours. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017 , 143, 1293-1299	4.9	19
191	Management of primary hepatic malignancies during the COVID-19 pandemic: recommendations for risk mitigation from a multidisciplinary perspective. <i>The Lancet Gastroenterology and Hepatology</i> , 2020 , 5, 765-775	18.8	19
190	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	4.2	19
189	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, 3653	2.3	19
188	Collimator angle influence on dose distribution optimization for vertebral metastases using volumetric modulated arc therapy. <i>Medical Physics</i> , 2010 , 37, 4133-7	4.4	19
187	Rectal squamous cell carcinoma treated with chemoradiotherapy: report of six cases. <i>International Journal of Colorectal Disease</i> , 2010 , 25, 1435-9	3	19
186	Vertebroplasty for pain relief and spinal stabilization in multiple myeloma. <i>Neurological Sciences</i> , 2010 , 31, 151-7	3.5	19
185	Stereotactic radiosurgery for intracranial metastases: linac-based and gamma-dedicated unit approach. <i>Expert Review of Anticancer Therapy</i> , 2016 , 16, 731-40	3.5	19

184	New Perspectives in the Treatment of Colorectal Metastases. <i>Liver Cancer</i> , 2016 , 6, 90-98	9.1	18
183	Multimodality therapy approaches, local and systemic treatment, compared with chemotherapy alone in recurrent glioblastoma. <i>BMC Cancer</i> , 2015 , 15, 486	4.8	18
182	Critical appraisal of the role of volumetric modulated arc therapy in the radiation therapy management of breast cancer. <i>Radiation Oncology</i> , 2017 , 12, 200	4.2	18
181	Sporadic endolymphatic sac tumor: its clinical, radiological, and histological features, management, and follow-up. <i>Head and Neck</i> , 2013 , 35, 1043-7	4.2	18
180	Flattening filter free beams from TrueBeam and Versa HD units: Evaluation of the parameters for quality assurance. <i>Medical Physics</i> , 2016 , 43, 205	4.4	18
179	Imaging biomarkers in primary brain tumours. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015 , 42, 597-612	8.8	18
178	Expression of the Transcription Factor HEY1 in Glioblastoma: A Preliminary Clinical Study. <i>Tumori</i> , 2010 , 96, 97-102	1.7	18
177	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, 1467-73	4	18
176	Outcome Evaluation of Oligometastatic Patients Treated with Surgical Resection Followed by Hypofractionated Stereotactic Radiosurgery (HSRS) on the Tumor Bed, for Single, Large Brain Metastases. <i>PLoS ONE</i> , 2016 , 11, e0157869	3.7	18
175	Organs at risk in lung SBRT. <i>Physica Medica</i> , 2017 , 44, 131-138	2.7	17
174	Aggressive and Multidisciplinary Local Approach to Iterative Recurrences of Colorectal Liver Metastases. <i>World Journal of Surgery</i> , 2018 , 42, 2651-2659	3.3	17
173	Single fraction urethra-sparing prostate cancer SBRT: Phase I results of the ONE SHOT trial. <i>Radiotherapy and Oncology</i> , 2019 , 139, 83-86	5.3	17
172	Radiation therapy of anal canal cancer: from conformal therapy to volumetric modulated arc therapy. <i>BMC Cancer</i> , 2014 , 14, 833	4.8	17
171	Hypofractionated Stereotactic Radiation Therapy in Recurrent High-Grade Glioma: A New Challenge. <i>Cancer Research and Treatment</i> , 2016 , 48, 37-44	5.2	17
170	Best practices for the management of thymic epithelial tumors: A position paper by the Italian collaborative group for ThYmic MalignanciEs (TYME). <i>Cancer Treatment Reviews</i> , 2018 , 71, 76-87	14.4	17
169	ONE SHOT - single shot radiotherapy for localized prostate cancer: study protocol of a single arm, multicenter phase I/II trial. <i>Radiation Oncology</i> , 2018 , 13, 166	4.2	17
168	Postmastectomy radiation therapy using VMAT technique for breast cancer patients with expander reconstruction. <i>Medical Oncology</i> , 2019 , 36, 48	3.7	16
167	Stereotactic body radiation therapy in hepatocellular carcinoma: Optimal treatment strategies based on liver segmentation and functional hepatic reserve. <i>Reports of Practical Oncology and Radiotherapy</i> , 2015 , 20, 417-24	1.5	16

166	Characterization of a new unshielded diode for small field dosimetry under flattening filter free beams. <i>Physica Medica</i> , 2016 , 32, 408-13	2.7	16
165	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	4.2	16
164	Predictive Factors for Response and Survival in a Cohort of Oligometastatic Patients Treated With Stereotactic Body Radiation Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 104, 111-121	4	15
163	Total monitor units influence on plan quality parameters in volumetric modulated arc therapy for breast case. <i>Physica Medica</i> , 2014 , 30, 296-300	2.7	15
162	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, 1795-800	4.9	15
161	On the gEUD biological optimization objective for organs at risk in Photon Optimizer of Eclipse treatment planning system. <i>Journal of Applied Clinical Medical Physics</i> , 2018 , 19, 106-114	2.3	15
160	Can advanced new radiation therapy technologies improve outcome of high grade glioma (HGG) patients? analysis of 3D-conformal radiotherapy (3DCRT) versus volumetric-modulated arc therapy (VMAT) in patients treated with surgery, concomitant and adjuvant chemo-radiotherapy. <i>BMC Cancer</i> , 2016 , 16, 362	4.8	14
159	Semiautomatic technique for defining the internal gross tumor volume of lung tumors close to liver/spleen cupola by 4D-CT. <i>Medical Physics</i> , 2010 , 37, 4572-6	4.4	14
158	Design and characterization of a dynamic multileaf collimator. <i>Physics in Medicine and Biology</i> , 1998 , 43, 3149-55	3.8	14
157	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	4.9	14
156	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	4.2	13
155	Radiotherapy treatment volumes for oligorecurrent nodal prostate cancer: a systematic review. <i>Acta Oncologica</i> , 2020 , 59, 1224-1234	3.2	13
154	Role of surgical resection in recurrent glioblastoma: prognostic factors and outcome evaluation in an observational study. <i>Journal of Neuro-Oncology</i> , 2017 , 131, 377-384	4.8	13
153	Survival Outcome and Prognostic Factors After Pulmonary Metastasectomy in Sarcoma Patients: A 18-Year Experience at a Single High-volume Referral Center. <i>American Journal of Clinical Oncology: Cancer Clinical Trials</i> , 2019 , 42, 6-11	2.7	13
152	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	4.3	13
151	Moderate hypofractionated radiotherapy with volumetric modulated arc therapy and simultaneous integrated boost for pelvic irradiation in prostate cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2017 , 143, 1301-1309	4.9	12
150	Predictive factors for survival outcomes of oligometastatic prostate cancer patients treated with metastases-directed therapy: a recursive partitioning-based analysis. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019 , 145, 2469-2479	4.9	12
149	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	3.4	12

148	Are three weeks hypofractionated radiation therapy (HFRT) comparable to six weeks for newly diagnosed glioblastoma patients? Results of a phase II study. <i>Oncotarget</i> , 2017 , 8, 67696-67708	3.3	12
147	Is surgical resection useful in elderly newly diagnosed glioblastoma patients? Outcome evaluation and prognostic factors assessment. <i>Acta Neurochirurgica</i> , 2018 , 160, 1779-1787	3	12
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