

Francesco Ricchetti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4458055/publications.pdf>

Version: 2024-02-01

90
papers

2,267
citations

236925

25
h-index

254184

43
g-index

92
all docs

92
docs citations

92
times ranked

2529
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient geometry-driven information retrieval for IMRT treatment plan quality control. <i>Medical Physics</i> , 2009, 36, 5497-5505.	3.0	250
2	Data-Driven Approach to Generating Achievable Dose-Volume Histogram Objectives in Intensity-Modulated Radiotherapy Planning. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 1241-1247.	0.8	219
3	Linac-based VMAT radiosurgery for multiple brain lesions: comparison between a conventional multi-isocenter approach and a new dedicated mono-isocenter technique. <i>Radiation Oncology</i> , 2018, 13, 38.	2.7	117
4	1.5T MR-guided and daily adapted SBRT for prostate cancer: feasibility, preliminary clinical tolerability, quality of life and patient-reported outcomes during treatment. <i>Radiation Oncology</i> , 2020, 15, 69.	2.7	94
5	Effect of Radiotherapy and Chemotherapy on the Risk of Mucositis During Intensity-Modulated Radiation Therapy for Oropharyngeal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 235-242.	0.8	72
6	SmartArc-Based Volumetric Modulated Arc Therapy for Oropharyngeal Cancer: A Dosimetric Comparison With Both Intensity-Modulated Radiation Therapy and Helical Tomotherapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 1248-1255.	0.8	60
7	First experience and clinical results using a new non-coplanar mono-isocenter technique (HyperArc [®]) for Linac-based VMAT radiosurgery in brain metastases. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 193-200.	2.5	50
8	Volumetric Change of Selected Organs at Risk During IMRT for Oropharyngeal Cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 161-168.	0.8	49
9	A two-variable linear model of parotid shrinkage during IMRT for head and neck cancer. <i>Radiotherapy and Oncology</i> , 2010, 94, 206-212.	0.6	43
10	Radiotherapy in patients with connective tissue diseases. <i>Lancet Oncology</i> , The, 2016, 17, e109-e117.	10.7	42
11	Predictors of PEG dependence after IMRT±chemotherapy for oropharyngeal cancer. <i>Radiotherapy and Oncology</i> , 2013, 107, 300-304.	0.6	40
12	Linac-based radiosurgery for multiple brain metastases: Comparison between two mono-isocenter techniques with multiple non-coplanar arcs. <i>Radiotherapy and Oncology</i> , 2019, 132, 70-78.	0.6	40
13	Moderate Hypofractionated Postprostatectomy Volumetric Modulated Arc Therapy With Daily Image Guidance (VMAT-IGRT): A Mono-institutional Report on Feasibility and Acute Toxicity. <i>Clinical Genitourinary Cancer</i> , 2017, 15, e667-e673.	1.9	35
14	Modern radiotherapy in cancer treatment during pregnancy. <i>Critical Reviews in Oncology/Hematology</i> , 2019, 136, 13-19.	4.4	33
15	Weekly Cisplatin and Volumetric-Modulated Arc Therapy With Simultaneous Integrated Boost for Radical Treatment of Advanced Cervical Cancer in Elderly Patients: Feasibility and Clinical Preliminary Results. <i>Technology in Cancer Research and Treatment</i> , 2017, 16, 310-315.	1.9	32
16	Daily dosimetric variation between image-guided volumetric modulated arc radiotherapy and MR-guided daily adaptive radiotherapy for prostate cancer stereotactic body radiotherapy. <i>Acta Oncologica</i> , 2021, 60, 215-221.	1.8	31
17	Impact of 18F-Choline PET/CT in the Decision-Making Strategy of Treatment Volumes in Definitive Prostate Cancer Volumetric Modulated Radiation Therapy. <i>Clinical Nuclear Medicine</i> , 2015, 40, e496-e500.	1.3	30
18	Radiation dose intensification in pre-operative chemo-radiotherapy for locally advanced rectal cancer. <i>Clinical and Translational Oncology</i> , 2017, 19, 189-196.	2.4	30

#	ARTICLE	IF	CITATIONS
19	Synchronous bilateral breast cancer irradiation: clinical and dosimetric issues using volumetric modulated arc therapy and simultaneous integrated boost. <i>Radiologia Medica</i> , 2017, 122, 464-471.	7.7	30
20	Impact of hydrogel peri-rectal spacer insertion on prostate gland intra-fraction motion during 1.5T MR-guided stereotactic body radiotherapy. <i>Radiation Oncology</i> , 2020, 15, 178.	2.7	30
21	Intensity modulated radiation therapy with simultaneous integrated boost in early breast cancer irradiation. Report of feasibility and preliminary toxicity. <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2015, 19, 289-294.	1.4	29
22	A comparative analysis between radiation dose intensification and conventional fractionation in neoadjuvant locally advanced rectal cancer: a monocentric prospective observational study. <i>Radiologia Medica</i> , 2020, 125, 990-998.	7.7	28
23	Rectal spacer hydrogel in 1.5T MR-guided and daily adapted SBRT for prostate cancer: dosimetric analysis and preliminary patient-reported outcomes. <i>British Journal of Radiology</i> , 2021, 94, 20200848.	2.2	28
24	Density variation of parotid glands during IMRT for head&neck cancer: Correlation with treatment and anatomical parameters. <i>Radiotherapy and Oncology</i> , 2012, 104, 224-229.	0.6	27
25	Pattern and predictors of volumetric change of parotid glands during intensity modulated radiotherapy. <i>British Journal of Radiology</i> , 2013, 86, 20130363.	2.2	27
26	HPV-related oropharyngeal carcinoma with Overt Level II and/or III metastases at presentation: The risk of subclinical disease in ipsilateral levels IB, IV and V. <i>Acta Oncologica</i> , 2014, 53, 662-668.	1.8	27
27	Linac-based radiosurgery or fractionated stereotactic radiotherapy with flattening filter-free volumetric modulated arc therapy in elderly patients. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 218-225.	2.0	27
28	Predictors of mucositis in oropharyngeal and oral cavity cancer in patients treated with volumetric modulated radiation treatment: A dose&volume analysis. <i>Head and Neck</i> , 2016, 38, E815-9.	2.0	26
29	Moderate versus extreme hypofractionated radiotherapy: a toxicity comparative analysis in low- and favorable intermediate-risk prostate cancer patients. <i>Journal of Cancer Research and Clinical Oncology</i> , 2019, 145, 2547-2554.	2.5	26
30	Early changes of parotid density and volume predict modifications at the end of therapy and intensity of acute xerostomia. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 1001-1007.	2.0	25
31	Whole brain radiotherapy with hippocampal avoidance and simultaneous integrated boost for brain metastases: a dosimetric volumetric-modulated arc therapy study. <i>Radiologia Medica</i> , 2016, 121, 60-69.	7.7	25
32	Feasibility and safety of 1.5T MR-guided and daily adapted abdominal-pelvic SBRT for elderly cancer patients: geriatric assessment tools and preliminary patient-reported outcomes. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 2379-2397.	2.5	25
33	Parotid gland shrinkage during IMRT predicts the time to Xerostomia resolution. <i>Radiation Oncology</i> , 2015, 10, 19.	2.7	23
34	Intensity-modulated radiotherapy and hypofractionated volumetric modulated arc therapy for elderly patients with breast cancer: comparison of acute and late toxicities. <i>Radiologia Medica</i> , 2019, 124, 309-314.	7.7	23
35	Adjuvant hypofractionated radiotherapy with weekly concomitant boost for women with early breast cancer: the clinical experience at Genoa university. <i>Anticancer Research</i> , 2010, 30, 4749-53.	1.1	23
36	Repeated stereotactic radiosurgery (SRS) using a non-coplanar mono-isocenter (HyperArc,®) technique versus upfront whole-brain radiotherapy (WBRT): a matched-pair analysis. <i>Clinical and Experimental Metastasis</i> , 2020, 37, 77-83.	3.3	22

#	ARTICLE	IF	CITATIONS
37	Disease course of lung oligometastatic colorectal cancer treated with stereotactic body radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 813-820.	2.0	22
38	An update on radiation therapy in head and neck cancers. <i>Expert Review of Anticancer Therapy</i> , 2018, 18, 359-364.	2.4	21
39	Stereotactic body radiotherapy (SBRT) can delay polymetastatic conversion in patients affected by liver oligometastases. <i>Journal of Cancer Research and Clinical Oncology</i> , 2020, 146, 2351-2358.	2.5	21
40	Three-dimensional conformal versus intensity modulated radiotherapy in breast cancer treatment: is necessary a medical reversal?. <i>Radiologia Medica</i> , 2017, 122, 146-153.	7.7	19
41	New metabolic tracers for detectable PSA levels in the post-prostatectomy setting: is the era of melting glaciers upcoming?. <i>Translational Andrology and Urology</i> , 2019, 8, S538-S541.	1.4	19
42	Adaptive SBRT by 1.5T MR-linac for prostate cancer: On the accuracy of dose delivery in view of the prolonged session time. <i>Physica Medica</i> , 2020, 80, 34-41.	0.7	19
43	Stereotactic body radiotherapy for oligometastatic castration sensitive prostate cancer using 1.5T MRI-Linac: preliminary data on feasibility and acute patient-reported outcomes. <i>Radiologia Medica</i> , 2021, 126, 989-997.	7.7	19
44	Comorbidities and intensity-modulated radiotherapy with simultaneous integrated boost in elderly breast cancer patients. <i>Aging Clinical and Experimental Research</i> , 2018, 30, 533-538.	2.9	18
45	Volumetric change of human papillomavirus-related neck lymph nodes before, during, and shortly after intensity-modulated radiation therapy. <i>Head and Neck</i> , 2012, 34, 1640-1647.	2.0	17
46	Stereotactic ablative radiation therapy for brain metastases with volumetric modulated arc therapy and flattening filter free delivery: feasibility and early clinical results. <i>Radiologia Medica</i> , 2017, 122, 676-682.	7.7	17
47	Stereotactic Ablative Radiation Therapy for Lung Oligometastases: Predictive Parameters of Early Response by 18 FDG-PET/CT. <i>Journal of Thoracic Oncology</i> , 2017, 12, 547-555.	1.1	16
48	18F-Fluorodeoxyglucose-PET/CT in locally advanced head and neck cancer can influence the stage migration and nodal radiation treatment volumes. <i>Radiologia Medica</i> , 2017, 122, 952-959.	7.7	16
49	Automated Planning for Prostate Stereotactic Body Radiation Therapy on the 1.5 T MR-Linac. <i>Advances in Radiation Oncology</i> , 2022, 7, 100865.	1.2	16
50	Cone-beam computed tomography in lung stereotactic ablative radiation therapy: predictive parameters of early response. <i>British Journal of Radiology</i> , 2016, 89, 20160146.	2.2	15
51	Radiotherapy in patients with HIV: current issues and review of the literature. <i>Lancet Oncology</i> , The, 2017, 18, e379-e393.	10.7	15
52	Linac-based SBRT as a feasible salvage option for local recurrences in previously irradiated prostate cancer. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 628-636.	2.0	15
53	Mitigation on bowel loops daily variations by 1.5-T MR-guided daily-adaptive SBRT for abdomino-pelvic lymph-nodal oligometastases. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3269-3277.	2.5	15
54	Personalized "Not Omitted" Radiation Oncology for Breast Cancer. <i>Journal of Clinical Oncology</i> , 2015, 33, 4313-4314.	1.6	14

#	ARTICLE	IF	CITATIONS
55	Stereotactic body radiotherapy of central lung malignancies using a simultaneous integrated protection approach. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 719-724.	2.0	14
56	The impact of prostate gland dimension in genitourinary toxicity after definitive prostate cancer treatment with moderate hypofractionation and volumetric modulated arc radiation therapy. <i>Clinical and Translational Oncology</i> , 2016, 18, 317-321.	2.4	13
57	Prostate re-irradiation: current concerns and future perspectives. <i>Expert Review of Anticancer Therapy</i> , 2020, 20, 947-956.	2.4	11
58	Fentanyl pectin nasal spray for painful mucositis in head and neck cancers during intensity-modulated radiation therapy with or without chemotherapy. <i>Clinical and Translational Oncology</i> , 2017, 19, 593-598.	2.4	10
59	Long-term disease outcome and volume-based decision strategy in a large cohort of multiple brain metastases treated with a mono-isocentric linac-based Stereotactic Radiosurgery technique. <i>Clinical and Translational Oncology</i> , 2021, 23, 1561-1570.	2.4	10
60	Letter. <i>Neurosurgery</i> , 2015, 77, E310.	1.1	9
61	Regarding Ening et al. Charlson comorbidity index: an additional prognostic parameter for preoperative glioblastoma patient stratification. <i>Journal of Cancer Research and Clinical Oncology</i> , 2015, 141, 1139-1140.	2.5	9
62	Dosimetrics of intracranial stereotactic radiosurgery. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 810-811.	2.0	9
63	The Shape of Parotid DVH Predicts the Entity of Gland Deformation During IMRT for Head and Neck Cancers. <i>Technology in Cancer Research and Treatment</i> , 2015, 14, 683-691.	1.9	9
64	What is changing in radiotherapy for the treatment of locally advanced nonsmall cell lung cancer patients? A review. <i>Cancer Investigation</i> , 2016, 34, 80-93.	1.3	9
65	Volumetric-modulated arc therapy with vaginal cuff simultaneous integrated boost as an alternative to brachytherapy in adjuvant irradiation for endometrial cancer: a prospective study. <i>Anticancer Research</i> , 2015, 35, 2149-55.	1.1	9
66	Low-Dose Bath with Volumetric Modulated arc Therapy in Breast Cancer: "Much ado about Nothing"? <i>Tumori</i> , 2016, 102, 335-336.	1.1	8
67	Hippocampal dose during Linac-based stereotactic radiotherapy for brain metastases: An observational study. <i>Physica Medica</i> , 2018, 49, 135-138.	0.7	8
68	Cost-effectiveness of Linac-based single-isocenter non-coplanar technique (HyperArc™) for brain metastases radiosurgery. <i>Clinical and Experimental Metastasis</i> , 2018, 35, 601-603.	3.3	8
69	Post-HIFU locally relapsed prostate cancer: high-dose salvage radiotherapy guided by molecular imaging. <i>Radiologia Medica</i> , 2020, 125, 491-499.	7.7	8
70	SBRT for elderly oligometastatic patients as a feasible, safe and effective treatment opportunity. <i>Clinical and Experimental Metastasis</i> , 2021, 38, 475-481.	3.3	8
71	Increased efficacy of stereotactic ablative radiation therapy after bevacizumab in lung oligometastases from colon cancer. <i>Tumori</i> , 2018, 104, 423-428.	1.1	7
72	Simultaneous Integrated Bilateral Breast and Nodal Irradiation with Volumetric arc Therapy: Case Report and Literature Review. <i>Tumori</i> , 2016, 102, S32-S34.	1.1	6

#	ARTICLE	IF	CITATIONS
73	Cachexia induces head and neck changes in locally advanced oropharyngeal carcinoma during definitive cisplatin and image-guided volumetric-modulated arc radiation therapy. <i>European Journal of Clinical Nutrition</i> , 2016, 70, 738-742.	2.9	6
74	Postoperative Breast Radiotherapy after Neoadjuvant Chemotherapy: Which Uncertainties still Remain?. <i>Tumori</i> , 2014, 100, e212-e213.	1.1	6
75	Reduction of inter-observer differences in the delineation of the target in spinal metastases SBRT using an automatic contouring dedicated system. <i>Radiation Oncology</i> , 2021, 16, 197.	2.7	6
76	Accelerated Partial Breast Irradiation Via the Mammosite®Catheter: Preliminary Reports of a Single-Institution Experience. <i>Breast Journal</i> , 2009, 15, 603-609.	1.0	5
77	Consolidative local therapy in oligometastatic patients. <i>Lancet Oncology</i> , The, 2017, 18, e60.	10.7	4
78	Postoperative breast radiotherapy after neoadjuvant chemotherapy: which uncertainties still remain?. <i>Tumori</i> , 2014, 100, e212-3.	1.1	4
79	Nasal Cavity Reirradiation: A Challenging Case for Comparison between Proton Therapy and Volumetric Modulated arc Therapy. <i>Tumori</i> , 2016, 102, S12-S15.	1.1	3
80	Impact of hydrogel peri-rectal spacer insertion on seminal vesicles intrafraction motion during 1.5â€‰T-MRI-guided adaptive stereotactic body radiotherapy for localized prostate cancer. <i>British Journal of Radiology</i> , 2021, 94, 20210521.	2.2	3
81	Postoperative moderately hypofractionated radiotherapy in prostate cancer: a mono-institutional propensity-score-matching analysis between adjuvant and early-salvage radiotherapy. <i>Radiologia Medica</i> , 2022, , 1.	7.7	3
82	A Plethora of Therapeutic Opportunities for Elderly Patients With Cancer: A Nontrivial Choice. <i>Journal of Clinical Oncology</i> , 2016, 34, 1963-1964.	1.6	2
83	Surprising Complete Response of Intramedullary Spinal Cord Metastasis from Breast Cancer: A Case Report and Literature Review. <i>Tumori</i> , 2017, 103, S28-S30.	1.1	2
84	In Regard to Arvola et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 217-218.	0.8	1
85	The use of SBRT in the management of oligometastatic gynecological cancer: report of promising results in terms of tolerability and clinical outcomes. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 3613-3618.	2.5	1
86	In Regard to Chung et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 93, 941-942.	0.8	0
87	In Regard to Pan et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1320-1321.	0.8	0
88	From chemotherapy to target therapies associated with radiation in the treatment of NSCLC: a durable marriage?. <i>Expert Review of Anticancer Therapy</i> , 2017, 17, 157-165.	2.4	0
89	Induction chemotherapy for nasopharyngeal cancer: An eternally unfinished issue?. <i>European Journal of Cancer</i> , 2017, 82, 153-154.	2.8	0
90	Sparing of swallowing-related organs in radiotherapy for oropharyngeal squamous cell carcinoma. <i>Lancet Oncology</i> , The, 2019, 20, e611.	10.7	0