

Dirk Van Gestel

List of Publications by Year in descending order

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84
papers

1,051
citations

471061

17
h-index

454577

30
g-index

87
all docs

87
docs citations

87
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	Advanced cutaneous squamous cell carcinoma of the head in two renal transplanted patients treated with cemiplimab. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2022, 36, 53-58.	1.3	4
2	Recent advances in radiosensitivity determinants in melanoma. <i>Current Opinion in Oncology</i> , 2022, 34, 131-138.	1.1	2
3	Heterotopic ossification and severe COVID-19 infection. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2022, 115, 201-203.	0.2	1
4	Qualitative evaluation of the role of RTTs IGRT specialists and their influence on treatment delivery. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2022, 22, 9-15.	0.6	2
5	The Road to Dissemination: The Concept of Oligometastases and the Barriers for Widespread Disease. <i>Cancers</i> , 2022, 14, 2046.	1.7	5
6	Barriers in education and professional development of Belgian medical imaging technologists and nurses working in radiotherapy: A qualitative study. <i>Radiography</i> , 2022, 28, 620-627.	1.1	1
7	Meta-Analysis on Induction Chemotherapy in Locally Advanced Nasopharyngeal Carcinoma. <i>Oncologist</i> , 2021, 26, e130-e141.	1.9	12
8	Editorial: Quality Assessment Across Disciplines in Head and Neck Cancer Treatment. <i>Frontiers in Oncology</i> , 2021, 11, 636622.	1.3	0
9	Impact of the COVID-19 Pandemic on Patients and Staff in Radiation Oncology Departments in Belgium: A National Survey. <i>Frontiers in Oncology</i> , 2021, 11, 654086.	1.3	6
10	Preoperative and postoperative radiotherapy (RT) for non-small cell lung cancer: still an open question. <i>Translational Lung Cancer Research</i> , 2021, 10, 1950-1959.	1.3	6
11	Split-VMAT technique to control the deep inspiration breath hold time for breast cancer radiotherapy. <i>Radiation Oncology</i> , 2021, 16, 77.	1.2	3
12	Checkpoint inhibition in combination with an immunoboost of external beam radiotherapy in solid tumors (CHEERS): study protocol for a phase 2, open-label, randomized controlled trial. <i>BMC Cancer</i> , 2021, 21, 514.	1.1	10
13	Assessment of cough in head and neck cancer patients at risk for dysphagia—An overview. <i>Cancer Reports</i> , 2021, 4, e1395.	0.6	5
14	Evaluation of the XVI dual registration tool for image-guided radiotherapy in prostate cancer. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2021, 18, 22-28.	0.6	0
15	Prophylactic gastrostomy in locally advanced head and neck cancer: results of a national survey among radiation oncologists. <i>BMC Cancer</i> , 2021, 21, 656.	1.1	5
16	OC-0634 Lymphocyte Sparing Radiation Therapy for stage III NSCLC: a dosimetric study. <i>Radiotherapy and Oncology</i> , 2021, 161, S498-S500.	0.3	1
17	PO-1384 Salvage radiotherapy for locally recurrent prostate cancer after high-intensity focused ultrasound. <i>Radiotherapy and Oncology</i> , 2021, 161, S1134-S1135.	0.3	0
18	PH-0218 Functionality-optimised radiotherapy for lung cancer patients using SPECT/CT. <i>Radiotherapy and Oncology</i> , 2021, 161, S151-S152.	0.3	0

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19	OC-0315 Qualitative evaluation of the role of RTTs IGRT specialists and their influence on treatment quality. <i>Radiotherapy and Oncology</i> , 2021, 161, S225-S226.	0.3	0
20	Neo-CheckRay: radiation therapy and adenosine pathway blockade to increase benefit of immuno-chemotherapy in early stage luminal B breast cancer, a randomized phase II trial. <i>BMC Cancer</i> , 2021, 21, 899.	1.1	16
21	OC-0625 Immuno-radiotherapy in solid tumors: preliminary results of the randomized phase 2 CHEERS trial. <i>Radiotherapy and Oncology</i> , 2021, 161, S490-S491.	0.3	7
22	PO-1860 Physical vs. biological based VMAT optimization for prostate cancer radiotherapy. <i>Radiotherapy and Oncology</i> , 2021, 161, S1584-S1585.	0.3	0
23	PH-0375 Lymphocyte-sparing in pelvic radiotherapy for prostate cancer: an in-silico planning study. <i>Radiotherapy and Oncology</i> , 2021, 161, S273-S274.	0.3	0
24	Clinical Outcomes After Proton Beam Therapy for Locally Advanced Non-Small Cell Lung Cancer: Analysis of a Multi-institutional Prospective Registry. <i>Advances in Radiation Oncology</i> , 2021, 7, 100767.	0.6	2
25	Successful treatment of synchronous chemoresistant pulmonary metastasis from pleomorphic rhabdomyosarcoma with stereotaxic body radiation therapy: A case report and a review of the literature.. <i>Cancer Treatment and Research Communications</i> , 2021, 26, 100282.	0.7	3
26	Unintended dose to the lower axilla in adjuvant radiotherapy for breast cancer: Differences between tangential beam and VMAT. <i>Radiotherapy and Oncology</i> , 2021, 164, 282-288.	0.3	4
27	Oligometastatic Disease Detection with ⁶⁸ Ga-PSMA-11 PET/CT in Hormone-Sensitive Prostate Cancer Patients (HSPC) with Biochemical Recurrence after Radical Prostatectomy: Predictive Factors and Clinical Impact. <i>Cancers</i> , 2021, 13, 4982.	1.7	12
28	Isotoxic high-dose stereotactic body radiotherapy integrated in a total multimodal neoadjuvant strategy for the treatment of localized pancreatic ductal adenocarcinoma. <i>Therapeutic Advances in Medical Oncology</i> , 2021, 13, 17588359211045860.	1.4	0
29	Humanized Mice as a Valuable Pre-Clinical Model for Cancer Immunotherapy Research. <i>Frontiers in Oncology</i> , 2021, 11, 784947.	1.3	37
30	Isotoxic high-dose stereotactic body radiotherapy integrated in a total multimodal neoadjuvant strategy for the treatment of localized pancreatic ductal adenocarcinoma. <i>Therapeutic Advances in Medical Oncology</i> , 2021, 13, 175883592110458.	1.4	9
31	Restoring p53 Function in Head and Neck Squamous Cell Carcinoma to Improve Treatments. <i>Frontiers in Oncology</i> , 2021, 11, 799993.	1.3	28
32	Retrospective evaluation of the safety of low-level laser therapy/photobiomodulation in patients with head/neck cancer. <i>Supportive Care in Cancer</i> , 2020, 28, 3015-3022.	1.0	20
33	Prognostic impact of glioblastoma stem cell markers OLIG2 and CCND2. <i>Cancer Medicine</i> , 2020, 9, 1069-1078.	1.3	18
34	Brachytherapy in Belgium in 2018. A national survey of the brachytherapy study group of the Belgian Society for Radiotherapy and Oncology (BeSTRO). <i>Radiotherapy and Oncology</i> , 2020, 150, 245-252.	0.3	5
35	⁸⁴ TiP Neo-CheckRay: Radiation therapy and adenosine pathway blockade to increase benefit of immuno-chemotherapy in early stage luminal B breast cancer: A randomized phase II trial. <i>Annals of Oncology</i> , 2020, 31, S1451.	0.6	0
36	Novel strategies using modern radiotherapy to improve pancreatic cancer outcomes: toward a new standard?. <i>Therapeutic Advances in Medical Oncology</i> , 2020, 12, 175883592093609.	1.4	21

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37	Follow-Up of Head and Neck Cancer Survivors: Tipping the Balance of Intensity. <i>Frontiers in Oncology</i> , 2020, 10, 688.	1.3	20
38	Radiotherapy Quality Assurance for Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2020, 10, 282.	1.3	8
39	Monte Carlo dose calculations of shielding disks with different material combinations in intraoperative electron radiation therapy (IOERT). <i>Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique</i> , 2020, 24, 128-134.	0.6	4
40	Integration of the M6 Cyberknife in the Moderato Monte Carlo platform and prediction of beam parameters using machine learning. <i>Physica Medica</i> , 2020, 70, 123-132.	0.4	2
41	PD-0072: Evaluation of intra thoracic anatomical changes based on the lung traffic light protocol. <i>Radiotherapy and Oncology</i> , 2020, 152, S31-S32.	0.3	0
42	PD-0420: Induction by mFOLFIRINOX followed by SIBSBRT for the neoadjuvant treatment of pancreatic cancer.. <i>Radiotherapy and Oncology</i> , 2020, 152, S228.	0.3	0
43	PO-1352: Prediction of electron beam parameters of a Monte Carlo model using machine learning. <i>Radiotherapy and Oncology</i> , 2020, 152, S716-S717.	0.3	0
44	PD-0177: Interfraction heart motion during Deep Inspiration Breath Hold (DIBH) radiotherapy measured by CBCT.. <i>Radiotherapy and Oncology</i> , 2020, 152, S86-S87.	0.3	0
45	The Benefit of Reactivating p53 under MAPK Inhibition on the Efficacy of Radiotherapy in Melanoma. <i>Cancers</i> , 2019, 11, 1093.	1.7	18
46	Clinical outcome and toxicity after simultaneous integrated boost IMRT in head and neck squamous cell cancer patients. <i>Oral Oncology</i> , 2019, 98, 132-140.	0.8	18
47	PO-1067 High expression of CCND2 in glioblastoma is associated with an increased risk of early mortality.. <i>Radiotherapy and Oncology</i> , 2019, 133, S593-S594.	0.3	0
48	Evaluation and Validation of an Image-Guided Traffic Light Protocol for Head and Neck Cancer Patients Undergoing Radiotherapy. <i>Journal of Medical Imaging and Radiation Sciences</i> , 2019, 50, S2-S3.	0.2	0
49	68Ga-PSMA PET/CT-based metastasis-directed radiotherapy for oligometastatic prostate cancer recurrence after radical prostatectomy. <i>World Journal of Urology</i> , 2019, 37, 1535-1542.	1.2	23
50	3D Monte Carlo dosimetry of intraoperative electron radiation therapy (IOERT). <i>Physica Medica</i> , 2019, 57, 207-214.	0.4	11
51	Evolution of self-perceived swallowing function, tongue strength and swallow-related quality of life during radiotherapy in head and neck cancer patients. <i>Head and Neck</i> , 2019, 41, 2197-2207.	0.9	14
52	Immune checkpoint blockade for organ transplant patients with advanced cancer: how far can we go?. <i>Current Opinion in Oncology</i> , 2019, 31, 54-64.	1.1	66
53	Low-Dose vs. High-Dose Cisplatin: Lessons Learned From 59 Chemoradiotherapy Trials in Head and Neck Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 86.	1.3	71
54	PO-125: Induction chemotherapy in Locally Advanced Nasopharyngeal carcinoma is of benefit?. <i>Radiotherapy and Oncology</i> , 2019, 141, S52-S53.	0.3	0

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55	Ossifying Fibromyxoid Tumor with Spinal Cord Compression and Epiduritis. <i>Journal of the Belgian Society of Radiology</i> , 2019, 103, 18.	0.1	2
56	Unusual presentation of a hepatocellular carcinoma as a potential late side effect of radiotherapy in a patient treated for Wilms tumor in childhood. <i>World Journal of Surgical Oncology</i> , 2018, 16, 48.	0.8	4
57	Feasibility study on adaptive 18F-FDG-PET-guided radiotherapy for recurrent and second primary head and neck cancer in the previously irradiated territory. <i>Strahlentherapie Und Onkologie</i> , 2018, 194, 727-736.	1.0	7
58	Results of helical tomotherapy on mycosis fungoides lesions. <i>European Journal of Cancer</i> , 2018, 101, S31.	1.3	0
59	Mycosis fungoides, insights in the latest therapy options and the possibility of a promising use of helical tomotherapy. <i>European Journal of Cancer</i> , 2018, 101, S31.	1.3	0
60	EP-1171: Toxicity and outcome for simultaneous integrated boost radiotherapy in head and neck cancer patients. <i>Radiotherapy and Oncology</i> , 2018, 127, S655-S656.	0.3	0
61	EP-2321: Evolution of OLIG2 expression during radio(chemo)therapy has a prognostic value in glioblastoma. <i>Radiotherapy and Oncology</i> , 2018, 127, S1280-S1281.	0.3	0
62	Dose-response in choroidal melanoma. <i>Radiotherapy and Oncology</i> , 2018, 127, 374-378.	0.3	3
63	The outcome of the first 100 nasopharyngeal cancer patients in thailand treated by helical tomotherapy. <i>Radiology and Oncology</i> , 2017, 51, 351-356.	0.6	1
64	Feasibility of tongue strength measurements during (chemo)radiotherapy in head and neck cancer patients. <i>Supportive Care in Cancer</i> , 2017, 25, 3417-3423.	1.0	10
65	In Regard to Perrier et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2017, 97, 204-205.	0.4	1
66	PO-0605: Factors associated with late dysphagia and xerostomia in (chemo)radiation for head and neck cancer. <i>Radiotherapy and Oncology</i> , 2017, 123, S315-S316.	0.3	0
67	Soft tissue sarcoma of the extremities: pending questions on surgery and radiotherapy. <i>Radiation Oncology</i> , 2016, 11, 136.	1.2	74
68	Gemcitabine-Based Chemoradiation in the Treatment of Locally Advanced Head and Neck Cancer: Systematic Review of Literature and Meta-Analysis. <i>Oncologist</i> , 2016, 21, 59-71.	1.9	16
69	Evaluation of the optimal combinations of modulation factor and pitch for Helical Tomotherapy plans made with TomoEdge using Pareto optimal fronts. <i>Radiation Oncology</i> , 2015, 10, 191.	1.2	14
70	Fast Helical Tomotherapy in a head and neck cancer planning study: is time priceless?. <i>Radiation Oncology</i> , 2015, 10, 261.	1.2	8
71	A dosimetric comparison of two-phase adaptive intensity-modulated radiotherapy for locally advanced nasopharyngeal cancer. <i>Journal of Radiation Research</i> , 2015, 56, 529-538.	0.8	20
72	Helical Tomotherapy in Head and Neck Cancer: A European Single-Center Experience. <i>Oncologist</i> , 2015, 20, 279-290.	1.9	3

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73	The radiosensitising effect of gemcitabine and its main metabolite dFdU under low oxygen conditions is in vitro not dependent on functional HIF-1 protein. <i>BMC Cancer</i> , 2014, 14, 594.	1.1	6
74	Multi-institutional comparison of volumetric modulated arc therapy vs. intensity-modulated radiation therapy for head-and-neck cancer: a planning study. <i>Radiation Oncology</i> , 2013, 8, 26.	1.2	62
75	Reduction of the dose to the elective neck in head and neck squamous cell carcinoma, a randomized clinical trial using intensity modulated radiotherapy (IMRT). Dosimetrical analysis and effect on acute toxicity. <i>Radiotherapy and Oncology</i> , 2013, 109, 323-329.	0.3	58
76	RapidArc, SmartArc and TomoHD compared with classical step and shoot and sliding window intensity modulated radiotherapy in an oropharyngeal cancer treatment plan comparison. <i>Radiation Oncology</i> , 2013, 8, 37.	1.2	45
77	The Potential of Helical Tomotherapy in the Treatment of Head and Neck Cancer. <i>Oncologist</i> , 2013, 18, 697-706.	1.9	21
78	Technologic Advances in External Beam Radiotherapy for Head and Neck Cancer. <i>Oncology & Hematology Review</i> , 2013, 09, 109.	0.2	5
79	DNA methylation-based biomarkers in serum of patients with breast cancer. <i>Mutation Research - Reviews in Mutation Research</i> , 2012, 751, 304-325.	2.4	60
80	Abstract 5722: Retention of the radiosensitizing effect of gemcitabine and its main metabolite dFdU under reduced oxygen conditions is not influenced by HIF-1 functionality. , 2012, , .		0
81	Intensity-modulated radiotherapy in patients with head and neck cancer: a European single-centre experience. <i>British Journal of Radiology</i> , 2011, 84, 367-374.	1.0	24
82	Intensity-Modulated Radiation Therapy for Head and Neck Carcinoma. <i>Oncologist</i> , 2007, 12, 555-564.	1.9	106
83	Prophylactic cranial irradiation (PCI) or magnetic resonance imaging (MRI) monitoring in limited small cell lung cancer: is it a question?. <i>Precision Cancer Medicine</i> , 0, 2, 10-10.	1.8	0
84	Radiotherapy: An Alternative to Surgery. , 0, , .		0