

Caroline Weltens

List of Publications by Year in descending order

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45
papers

1,929
citations

566801

15
h-index

264894

42
g-index

45
all docs

45
docs citations

45
times ranked

2436
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole-breast irradiation with or without a boost for patients treated with breast-conserving surgery for early breast cancer: 20-year follow-up of a randomised phase 3 trial. <i>Lancet Oncology</i> , The, 2015, 16, 47-56.	5.1	536
2	ESTRO consensus guideline on target volume delineation for elective radiation therapy of early stage breast cancer. <i>Radiotherapy and Oncology</i> , 2015, 114, 3-10.	0.3	462
3	Internal mammary and medial supraclavicular lymph node chain irradiation in stage Iâ€“III breast cancer (EORTC 22922/10925): 15-year results of a randomised, phase 3 trial. <i>Lancet Oncology</i> , The, 2020, 21, 1602-1610.	5.1	164
4	ESTRO consensus guideline on target volume delineation for elective radiation therapy of early stage breast cancer, version 1.1. <i>Radiotherapy and Oncology</i> , 2016, 118, 205-208.	0.3	162
5	Prognostic Factors for Local Control in Breast Cancer After Long-term Follow-up in the EORTC Boost vs No Boost Trial. <i>JAMA Oncology</i> , 2017, 3, 42.	3.4	124
6	Breathing adapted radiation therapy in comparison with prone position to reduce the doses to the heart, left anterior descending coronary artery, and contralateral breast in whole breast radiation therapy. <i>Practical Radiation Oncology</i> , 2014, 4, 123-129.	1.1	57
7	Applying the 2011 St Gallen panel of prognostic markers on a large single hospital cohort of consecutively treated primary operable breast cancers. <i>Annals of Oncology</i> , 2012, 23, 2578-2584.	0.6	46
8	Combined Associations of a Polygenic Risk Score and Classical Risk Factors With Breast Cancer Risk. <i>Journal of the National Cancer Institute</i> , 2021, 113, 329-337.	3.0	45
9	Side Effects 15 Years After Lymph Node Irradiation in Breast Cancer: Randomized EORTC Trial 22922/10925. <i>Journal of the National Cancer Institute</i> , 2021, 113, 1360-1368.	3.0	30
10	Discrepancies between biomarkers of primary breast cancer and subsequent brain metastases: an international multicenter study. <i>Breast Cancer Research and Treatment</i> , 2018, 167, 479-483.	1.1	27
11	Prognostic Value of the Progesterone Receptor by Subtype in Patients with Estrogen Receptor-Positive, HER-2 Negative Breast Cancer. <i>Oncologist</i> , 2019, 24, 165-171.	1.9	23
12	Risk factors for unplanned hospital readmissions: a secondary data analysis of hospital discharge summaries. <i>Journal of Evaluation in Clinical Practice</i> , 2015, 21, 560-566.	0.9	16
13	Omitting radiation therapy in women with triple-negative breast cancer leads to worse breast cancer-specific survival. <i>Breast</i> , 2017, 32, 18-25.	0.9	16
14	Reliability of clinical port films for measuring dose inhomogeneities in radiotherapy for head and neck tumours. <i>Radiotherapy and Oncology</i> , 1994, 30, 167-170.	0.3	15
15	A comparison of three different radiotherapy boost techniques after breast conserving therapy for breast cancer. <i>Breast</i> , 2015, 24, 391-396.	0.9	15
16	Inherited variants in the inner centromere protein (INCENP) gene of the chromosomal passenger complex contribute to the susceptibility of ER-negative breast cancer. <i>Carcinogenesis</i> , 2015, 36, 256-271.	1.3	14
17	Stromal characteristics are adequate prognosticators for recurrence risk in ductal carcinoma in situ of the breast. <i>European Journal of Surgical Oncology</i> , 2019, 45, 550-559.	0.5	14
18	The association of internal mammary and medial supraclavicular lymph node radiation technique with clinical outcomes: Results from the EORTC 22922/10925 randomised trial. <i>Radiotherapy and Oncology</i> , 2022, 172, 99-110.	0.3	14

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19	Development and accuracy evaluation of a single-camera intra-bore surface scanning system for radiotherapy in an O-ring linac. <i>Physics and Imaging in Radiation Oncology</i> , 2019, 11, 21-26.	1.2	13
20	Comparison of brachytherapy and an external beam radiotherapy boost in breast-conserving therapy for breast cancer: local and any recurrences. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 310-317.	1.0	13
21	Feasibility study of individualized optimal positioning selection for left-sided whole breast radiotherapy: ^{DIBH} or prone. <i>Journal of Applied Clinical Medical Physics</i> , 2018, 19, 218-229.	0.8	10
22	Comparison of brachytherapy and external beam radiotherapy boost in breast-conserving therapy: Patient-reported outcome measures and aesthetic outcome. <i>Strahlentherapie Und Onkologie</i> , 2019, 195, 21-31.	1.0	10
23	Validation of the Web-Based IBTR! 2.0 Nomogram to Predict for Ipsilateral Breast Tumor Recurrence After Breast-Conserving Therapy. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1477-1484.	0.4	9
24	PROMs following breast-conserving therapy for breast cancer: results from a prospective longitudinal monocentric study. <i>Supportive Care in Cancer</i> , 2019, 27, 4123-4132.	1.0	9
25	Assessment of stromal tumor infiltrating lymphocytes and immunohistochemical features in invasive micropapillary breast carcinoma with long-term outcomes. <i>Breast Cancer Research and Treatment</i> , 2020, 184, 985-998.	1.1	9
26	Spirometer-guided breath-hold breast VMAT verified with portal images and surface tracking. <i>Radiotherapy and Oncology</i> , 2021, 157, 78-84.	0.3	9
27	Detection of secondary metastatic breast cancer by measurement of plasma CA 15.3. <i>ESMO Open</i> , 2021, 6, 100203.	2.0	8
28	Evaluation of a breast cancer nomogram to predict ipsilateral breast relapse after breast-conserving therapy. <i>Radiotherapy and Oncology</i> , 2016, 119, 45-51.	0.3	7
29	Body mass index, age at breast cancer diagnosis, and breast cancer subtype: a cross-sectional study. <i>Breast Cancer Research and Treatment</i> , 2018, 168, 189-196.	1.1	7
30	Standardised mortality ratios as a user-friendly performance metric and trigger for quality improvement in a Flemish hospital network: multicentre retrospective study. <i>BMJ Open</i> , 2019, 9, e029857.	0.8	7
31	Intra-fraction motion monitoring during fast modulated radiotherapy delivery in a closed-bore gantry linac. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 20, 51-55.	1.2	7
32	Boost delineation in breast radiation therapy: Isotropic versus anisotropic margin expansion. <i>Practical Radiation Oncology</i> , 2016, 6, e243-e248.	1.1	6
33	Reply to Dr Altundag from the authors of "Omitting radiation therapy in women with triple-negative breast cancer leads to worse breast cancer-specific survival". <i>Breast</i> , 2017, 36, 103.	0.9	6
34	Concordance between results of inexpensive statistical models and multigene signatures in patients with ER+/HER2 ⁻ early breast cancer. <i>Modern Pathology</i> , 2021, 34, 1297-1309.	2.9	5
35	Is the use of a preoperative computed tomography beneficial to reduce the interobserver variability of the CTVboost delineation for breast radiation therapy?. <i>Practical Radiation Oncology</i> , 2016, 6, 376-382.	1.1	4
36	Development of a normal tissue complication probability model for late unfavourable aesthetic outcome after breast-conserving therapy. <i>Acta Oncologica</i> , 2018, 57, 916-923.	0.8	3

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37	Technical Note: Development of 3D-printed breast phantoms for end-to-end testing of whole breast volumetric arc radiotherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2020, 21, 315-320.	0.8	2
38	Tumour bed boost radiotherapy for women after breast conserving surgery. <i>The Cochrane Library</i> , 2015, , .	1.5	1
39	Validation of a normal tissue complication probability model for late unfavourable aesthetic outcome after breast-conserving therapy. <i>Acta Oncologica</i> , 2019, 58, 448-455.	0.8	1
40	Quality Indicators in Vascular Surgery: Toward a National Consensus on 20 Quality Indicators in Belgium. <i>Annals of Vascular Surgery</i> , 2021, 71, 237-248.	0.4	1
41	Features of durable response and treatment efficacy for capecitabine monotherapy in advanced breast cancer: real-world evidence from a large single-centre cohort. <i>Journal of Cancer Research and Clinical Oncology</i> , 2021, 147, 1041-1048.	1.2	1
42	Validation of a prognostic scoring system for postmastectomy locoregional recurrence in breast cancer. <i>Breast</i> , 2022, 64, 29-34.	0.9	1
43	P695 Impact of atrial fibrillation on 10y all-cause mortality in curatively treated breast cancer patients. <i>European Heart Journal</i> , 2019, 40, .	1.0	0
44	Indications for individual internal mammary node irradiation – Authors' reply. <i>Lancet Oncology</i> , The, 2021, 22, e41.	5.1	0
45	SU-E-T-562: Do the Differences Between Photon Dose Distributions in the Breast Have Significant Impact On the Parameters of Radiobiological Models?. <i>Medical Physics</i> , 2013, 40, 335-335.	1.6	0