

Vratislav Strnad

List of Publications by Year in descending order

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76
papers

3,627
citations

185998

28
h-index

133063

59
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79
all docs

79
docs citations

79
times ranked

2157
citing authors

#	ARTICLE	IF	CITATIONS
1	5-year results of accelerated partial breast irradiation using sole interstitial multicatheter brachytherapy versus whole-breast irradiation with boost after breast-conserving surgery for low-risk invasive and in-situ carcinoma of the female breast: a randomised, phase 3, non-inferiority trial. <i>Lancet, The</i> , 2016, 387, 229-238.	6.3	578
2	Patient selection for accelerated partial-breast irradiation (APBI) after breast-conserving surgery: Recommendations of the Groupe Européen de Curiethérapie-European Society for Therapeutic Radiology and Oncology (GEC-ESTRO) breast cancer working group based on clinical evidence (2009). <i>Radiotherapy and Oncology</i> , 2010, 94, 264-273.	0.3	546
3	Late side-effects and cosmetic results of accelerated partial breast irradiation with interstitial brachytherapy versus whole-breast irradiation after breast-conserving surgery for low-risk invasive and in-situ carcinoma of the female breast: 5-year results of a randomised, controlled, phase 3 trial. <i>Lancet Oncology, The</i> , 2017, 18, 259-268.	5.1	220
4	Accelerated partial breast irradiation with multi-catheter brachytherapy: Local control, side effects and cosmetic outcome for 274 patients. Results of the German-Austrian multi-centre trial. <i>Radiotherapy and Oncology</i> , 2007, 82, 281-286.	0.3	137
5	Accelerated partial breast irradiation with interstitial brachytherapy as second conservative treatment for ipsilateral breast tumour recurrence: Multicentric study of the GEC-ESTRO Breast Cancer Working Group. <i>Radiotherapy and Oncology</i> , 2013, 108, 226-231.	0.3	132
6	Accelerated Partial Breast Irradiation: 5-Year Results of the German-Austrian Multicenter Phase II Trial Using Interstitial Multicatheter Brachytherapy Alone After Breast-Conserving Surgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 80, 17-24.	0.4	116
7	ESTRO-ACROP guideline: Interstitial multi-catheter breast brachytherapy as Accelerated Partial Breast Irradiation alone or as boost – GEC-ESTRO Breast Cancer Working Group practical recommendations. <i>Radiotherapy and Oncology</i> , 2018, 128, 411-420.	0.3	115
8	Recommendations from GEC ESTRO Breast Cancer Working Group (II): Target definition and target delineation for accelerated or boost partial breast irradiation using multicatheter interstitial brachytherapy after breast conserving open cavity surgery. <i>Radiotherapy and Oncology</i> , 2016, 118, 199-204.	0.3	112
9	Recommendations from GEC ESTRO Breast Cancer Working Group (I): Target definition and target delineation for accelerated or boost Partial Breast Irradiation using multicatheter interstitial brachytherapy after breast conserving closed cavity surgery. <i>Radiotherapy and Oncology</i> , 2015, 115, 342-348.	0.3	111
10	GEC-ESTRO ACROP recommendations for head & neck brachytherapy in squamous cell carcinomas: 1st update – Improvement by cross sectional imaging based treatment planning and stepping source technology. <i>Radiotherapy and Oncology</i> , 2017, 122, 248-254.	0.3	111
11	Quality-of-life results for accelerated partial breast irradiation with interstitial brachytherapy versus whole-breast irradiation in early breast cancer after breast-conserving surgery (GEC-ESTRO): 5-year results of a randomised, phase 3 trial. <i>Lancet Oncology, The</i> , 2018, 19, 834-844.	5.1	102
12	Brachytherapy for partial breast irradiation: The European experience. <i>Seminars in Radiation Oncology</i> , 2005, 15, 116-122.	1.0	98
13	GEC-ESTRO multicenter phase 3-trial: Accelerated partial breast irradiation with interstitial multicatheter brachytherapy versus external beam whole breast irradiation: Early toxicity and patient compliance. <i>Radiotherapy and Oncology</i> , 2016, 120, 119-123.	0.3	90
14	Radiation exposure of the heart, lung and skin by radiation therapy for breast cancer: A dosimetric comparison between partial breast irradiation using multicatheter brachytherapy and whole breast teletherapy. <i>Radiotherapy and Oncology</i> , 2011, 100, 189-194.	0.3	72
15	DEGRO practical guideline for partial-breast irradiation. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 749-763.	1.0	66
16	Interstitial brachytherapy alone after breast conserving surgery: Interim results of a German-Austrian multicenter phase II trial. <i>Brachytherapy</i> , 2004, 3, 115-119.	0.2	55
17	Fat Necrosis after Conserving Surgery and Interstitial Brachytherapy and/or External-Beam Irradiation in Women with Breast Cancer. <i>Strahlentherapie Und Onkologie</i> , 2005, 181, 638-644.	1.0	52
18	High Dose Rate Brachytherapy as Monotherapy for Localised Prostate Cancer: Review of the Current Status. <i>Clinical Oncology</i> , 2017, 29, 401-411.	0.6	45

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19	The role of pulsed-dose-rate brachytherapy in previously irradiated head-and-neck cancer. <i>Brachytherapy</i> , 2003, 2, 158-163.	0.2	44
20	Role of Interstitial PDR Brachytherapy in the Treatment of Oral and Oropharyngeal Cancer. <i>Strahlentherapie Und Onkologie</i> , 2005, 181, 762-767.	1.0	44
21	Exclusive endocrine therapy or partial breast irradiation for women aged ≥ 70 years with luminal A-like early stage breast cancer (NCT04134598 – EUROPA): Proof of concept of a randomized controlled trial comparing health related quality of life by patient reported outcome measures. <i>Journal of Geriatric Oncology</i> , 2021, 12, 182-189.	0.5	42
22	Moderate hypofractionation remains the standard of care for whole-breast radiotherapy in breast cancer: Considerations regarding FAST and FAST-Forward. <i>Strahlentherapie Und Onkologie</i> , 2021, 197, 269-280.	1.0	41
23	Early results of pulsed-dose-rate interstitial brachytherapy for head and neck malignancies after limited surgery. <i>International Journal of Radiation Oncology Biology Physics</i> , 2000, 46, 27-30.	0.4	36
24	Pulsed-dose rate brachytherapy with concomitant chemotherapy and interstitial hyperthermia in patients with recurrent head-and-neck cancer. <i>Brachytherapy</i> , 2002, 1, 149-153.	0.2	36
25	Quality of interstitial PDR-brachytherapy-implants of head-and-neck-cancers: Predictive factors for local control and late toxicity?. <i>Radiotherapy and Oncology</i> , 2007, 82, 167-173.	0.3	35
26	Re-irradiation with interstitial pulsed-dose-rate brachytherapy for unresectable recurrent head and neck carcinoma. <i>Brachytherapy</i> , 2014, 13, 187-195.	0.2	31
27	Electromagnetic tracking (EMT) technology for improved treatment quality assurance in interstitial brachytherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2017, 18, 211-222.	0.8	31
28	Salvage Mastectomy Versus Second Conservative Treatment for Second Ipsilateral Breast Tumor Event: A Propensity Score-Matched Cohort Analysis of the GEC-ESTRO Breast Cancer Working Group Database. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021, 110, 452-461.	0.4	30
29	Reirradiation for recurrent head and neck cancer with salvage interstitial pulsed-dose-rate brachytherapy. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 495-500.	1.0	28
30	Risk factors and state-of-the-art indications for boost irradiation in invasive breast carcinoma. <i>Brachytherapy</i> , 2017, 16, 552-564.	0.2	27
31	Long term results of a prospective dose escalation phase-II trial: Interstitial pulsed-dose-rate brachytherapy as boost for intermediate- and high-risk prostate cancer. <i>Radiotherapy and Oncology</i> , 2012, 104, 181-186.	0.3	25
32	Protocol-based image-guided salvage brachytherapy. <i>Strahlentherapie Und Onkologie</i> , 2013, 189, 668-674.	1.0	25
33	Interstitial pulsed-dose-rate brachytherapy for head and neck cancer – Single-institution long-term results of 385 patients. <i>Brachytherapy</i> , 2013, 12, 521-527.	0.2	25
34	The use of bolus in postmastectomy radiation therapy for breast cancer: A systematic review. <i>Critical Reviews in Oncology/Hematology</i> , 2021, 163, 103391.	2.0	24
35	A Delphi study and International Consensus Recommendations: The use of bolus in the setting of postmastectomy radiation therapy for early breast cancer. <i>Radiotherapy and Oncology</i> , 2021, 164, 115-121.	0.3	22
36	Tricks and tips for target volume definition and delineation in breast cancer: Lessons learned from ESTRO breast courses. <i>Radiotherapy and Oncology</i> , 2021, 162, 185-194.	0.3	20

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37	The role of brachytherapy in the treatment of squamous cell carcinoma of the head and neck. <i>European Archives of Oto-Rhino-Laryngology</i> , 2016, 273, 269-276.	0.8	17
38	Partial-Breast Irradiation or Whole-Breast Radiotherapy for Early Breast Cancer: a Meta-Analysis of Randomized Trials. <i>Strahlentherapie Und Onkologie</i> , 2010, 186, 113-114.	1.0	16
39	Accelerated partial breast irradiation with external beam radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2017, 193, 55-61.	1.0	16
40	Technical evaluation of the cone-beam computed tomography imaging performance of a novel, mobile, gantry-based X-ray system for brachytherapy. <i>Journal of Applied Clinical Medical Physics</i> , 2022, 23, .	0.8	16
41	Accelerated Partial-Breast Irradiation with Interstitial Implants. <i>Strahlentherapie Und Onkologie</i> , 2009, 185, 170-176.	1.0	15
42	Assessment of the implant geometry in fractionated interstitial HDR breast brachytherapy using an electromagnetic tracking system. <i>Brachytherapy</i> , 2018, 17, 94-102.	0.2	15
43	Introduction of a hybrid treatment delivery system used for quality assurance in multi-catheter interstitial brachytherapy. <i>Physics in Medicine and Biology</i> , 2018, 63, 095008.	1.6	14
44	Interstitial brachytherapy as a boost to patients with anal carcinoma and poor response to chemoradiation: Single-institution long-term results. <i>Brachytherapy</i> , 2016, 15, 865-872.	0.2	13
45	Accelerated Partial Breast Irradiation: Macrophage Polarisation Shift Classification Identifies High-Risk Tumours in Early Hormone Receptor-Positive Breast Cancer. <i>Cancers</i> , 2020, 12, 446.	1.7	13
46	Portfolio of prospective clinical trials including brachytherapy: an analysis of the ClinicalTrials.gov database. <i>Radiation Oncology</i> , 2016, 11, 48.	1.2	12
47	Tumour-Infiltrating Inflammatory Cells in Early Breast Cancer: An Underrated Prognostic and Predictive Factor?. <i>International Journal of Molecular Sciences</i> , 2020, 21, 8238.	1.8	12
48	Comparing Local and Systemic Control between Partial- and Whole-Breast Radiotherapy in Low-Risk Breast Cancer—A Meta-Analysis of Randomized Trials. <i>Cancers</i> , 2021, 13, 2967.	1.7	12
49	Re-irradiation of the chest wall for local breast cancer recurrence. <i>Strahlentherapie Und Onkologie</i> , 2016, 192, 617-623.	1.0	10
50	Error detection using an electromagnetic tracking system in multi-catheter breast interstitial brachytherapy. <i>Physics in Medicine and Biology</i> , 2019, 64, 205018.	1.6	10
51	Educational article Salvage brachytherapy in combination with interstitial hyperthermia for locally recurrent prostate carcinoma following external beam radiation therapy: a prospective phase II study. <i>Journal of Contemporary Brachytherapy</i> , 2015, 3, 254-258.	0.4	9
52	On the use of multi-dimensional scaling and electromagnetic tracking in high dose rate brachytherapy. <i>Physics in Medicine and Biology</i> , 2017, 62, 7959-7980.	1.6	9
53	First clinical experience with a novel, mobile cone-beam CT system for treatment quality assurance in brachytherapy. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 573-581.	1.0	9
54	Long-term results of the German-Austrian phase II study “accelerated partial breast irradiation using multicatheter brachytherapy for early breast cancer. <i>Brachytherapy</i> , 2009, 8, 107.	0.2	8

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55	A tool to automatically analyze electromagnetic tracking data from high dose rate brachytherapy of breast cancer patients. PLoS ONE, 2017, 12, e0183608.	1.1	8
56	On the use of particle filters for electromagnetic tracking in high dose rate brachytherapy. Physics in Medicine and Biology, 2017, 62, 7617-7640.	1.6	7
57	Is adaptive treatment planning in multi-catheter interstitial breast brachytherapy necessary?. Radiotherapy and Oncology, 2019, 141, 304-311.	0.3	7
58	Estimation of inter-fractional variations in interstitial multi-catheter breast brachytherapy using a hybrid treatment delivery system. Radiotherapy and Oncology, 2019, 141, 312-320.	0.3	7
59	Multicatheter interstitial brachytherapy for breast cancer. Cancer Radiotherapie: Journal De La Societe Francaise De Radiotherapie Oncologique, 2018, 22, 341-344.	0.6	6
60	Impact of inter- and intra-observer variabilities of catheter reconstruction on multi-catheter interstitial brachytherapy of breast cancer patients. Radiotherapy and Oncology, 2019, 135, 25-32.	0.3	5
61	Breast brachytherapy. Brachytherapy, 2021, 20, 976-983.	0.2	5
62	Long-Term Results of the TARGIT-A Trial: More Questions than Answers. Breast Care, 2022, 17, 81-84.	0.8	5
63	Endocrine therapy with accelerated Partial breast irradiation or exclusive ultra-accelerated Partial breast irradiation for women aged 60 years with Early-stage breast cancer (EPOPE): The rationale for a GEC-ESTRO randomized phase III-controlled trial. Clinical and Translational Radiation Oncology, 2021, 29, 1-8.	0.9	5
64	Long-term results of a protocol-based ultrasound-guided salvage brachytherapy as re-irradiation for local recurrent prostate cancer. Radiotherapy and Oncology, 2020, 150, 201-205.	0.3	4
65	Influence and compensation of patient motion in electromagnetic tracking based quality assurance in interstitial brachytherapy of the breast. Medical Physics, 2022, 49, 2652-2662.	1.6	4
66	Intraoperative Radiotherapy (IORT) with 50-kV X-Ray Machines as Boost in Breast Cancer – More Questions than Answers. Oncology Research and Treatment, 2006, 29, 73-75.	0.8	2
67	Organ-sparing treatment of penile cancer with interstitial pulsed-dose-rate brachytherapy. Strahlentherapie Und Onkologie, 2016, 192, 467-472.	1.0	2
68	OC-0277: Assessment of the implant geometry in interstitial brachytherapy by a hybrid tracking system. Radiotherapy and Oncology, 2017, 123, S143-S144.	0.3	2
69	In Reply to Vaidya et al. International Journal of Radiation Oncology Biology Physics, 2021, 110, 907-908.	0.4	2
70	Radioprotection of Head and Neck Tissue by Amifostine. , 2001, 37, 101-111.		1
71	OC-0075 Error detection using an electromagnetic tracking system in multicatheter interstitial brachytherapy. Radiotherapy and Oncology, 2019, 133, S35.	0.3	1
72	Brachytherapy focal dose escalation using ultrasound based tissue characterization by patients with non-metastatic prostate cancer: Five-year results from single-center phase 2 trial. Brachytherapy, 2022, 21, 415-423.	0.2	1

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73	In Regard to Rahimi et al.. International Journal of Radiation Oncology Biology Physics, 2022, 113, 474-475.	0.4	1
74	Partial breast irradiation and the GEC-ESTRO trial â€œ Authors' reply. Lancet, The, 2016, 387, 1718-1719.	6.3	0
75	Retrospective inconsistent analysis cannot validate safety of a treatment strategy. Strahlentherapie Und Onkologie, 2018, 194, 354-355.	1.0	0
76	In regard to â€œThe Italian Association of Radiotherapy and Oncology Recommendation for Breast Tumor Recurrence: Grades of Recommendation, Assessment, Development and Evaluation Criteriaâ€œ, Journal of Breast Cancer, 2021, 24, 356-357.	0.8	0