Volker Rudat

List of Publications by Year in Descending Order

94 papers	5,064 citations	34 h-index	70 g-index
114 ext. papers	5,617 ext. citations	2.7 avg, IF	4.67 L-index

#	Paper	IF	Citations
94	Long-term effect and prognostic factors of a low-dose radiotherapy of painful plantar calcaneal spurs : A retrospective unicenter study. *Strahlentherapie Und Onkologie*, **2021**, 197, 876-884	4.3	1
93	1x8 Gy versus 5x4 Gy for metastatic epidural spinal cord compression: a matched-pair study of three prognostic patient subgroups. *Radiation Oncology*, **2018**, 13, 21	4.2	6
92	Comparison of Two Radiotherapy Regimens for Metastatic Spinal Cord Compression: Subgroup Analyses from a Randomized Trial. *Anticancer Research*, **2018**, 38, 1009-1015	2.3	2
91	Better compliance with hypofractionation vs. conventional fractionation in adjuvant breast cancer radiotherapy : Results of a single, institutional, retrospective study. *Strahlentherapie Und Onkologie*, **2017**, 193, 375-384	4.3	15
90	Role of the overall treatment time of radiotherapy with 10 3 Gy for outcomes in patients with metastatic spinal cord compression. *Journal of Medical Imaging and Radiation Oncology*, **2017**, 61, 388-393	1.7	1
89	Results of a multicenter study investigating the potential impact of the overall treatment time on outcomes of radiation therapy alone with 5 4 Gy for metastatic epidural spinal cord compression. *Practical Radiation Oncology*, **2017**, 7, 137-144	2.8	3
88	A scoring system for predicting the survival prognosis of patients receiving stereotactic body radiation therapy (SBRT) for 1-3 lung metastases. *Lung*, **2016**, 194, 631-5	2.9	4
87	Stereotactic Body Radiotherapy (SBRT) with Lower Doses for Selected Patients with Stage I Non-small-cell Lung Cancer (NSCLC). *Lung*, **2016**, 194, 291-4	2.9	10
86	Radiotherapy With 4 Gy 5 Versus 3 Gy 10 for Metastatic Epidural Spinal Cord Compression: Final Results of the SCORE-2 Trial (ARO 2009/01). *Journal of Clinical Oncology*, **2016**, 34, 597-602	2.2	68
85	Image-guided intensity-modulated radiotherapy of prostate cancer: Analysis of interfractional errors and acute toxicity. *Strahlentherapie Und Onkologie*, **2016**, 192, 109-17	4.3	23
84	Impact of hypofractionation and tangential beam IMRT on the acute skin reaction in adjuvant breast cancer radiotherapy. *Radiation Oncology*, **2016**, 11, 100	4.2	6
83	Excellent outcomes after radiotherapy alone for malignant spinal cord compression from myeloma. *Radiology and Oncology*, **2016**, 50, 337-40	3.8	14
82	Stereotactic Body Radiation Therapy (SBRT) for Recurrent Non-small Cell Lung Cancer (NSCLC). *Anticancer Research*, **2016**, 36, 825-8	2.3	7
81	Stereotactic Body Radiotherapy Provides Excellent Long-Term Local Control of Very Few Lung Metastases. *In Vivo*, **2016**, 30, 155-7	2.3	1
80	Radiation Therapy Alone Provides Excellent Outcomes for Spinal Cord Compression from Vertebral Lymphoma. *Anticancer Research*, **2016**, 36, 3081-3	2.3	1
79	A matched-pair analysis comparing 5x4 Gy and 10x3 Gy for metastatic spinal cord compression (MSCC) in patients with favorable survival prognoses. *Radiation Oncology*, **2015**, 10, 90	4.2	2
78	Depletion of androgen receptor (AR) in mesenchymal stem cells (MSCs) inhibits induction of CD4+CD25+FOX3+ regulatory T (Treg) cells via androgen TGF- interaction. *Journal of Applied Biomedicine*, **2015**, 13, 263-271	0.6	1

77	Single-Fraction Versus 5-Fraction Radiation Therapy for Metastatic Epidural Spinal Cord Compression in Patients With Limited Survival Prognoses: Results of a Matched-Pair Analysis. *International Journal of Radiation Oncology Biology Physics*, **2015**, 93, 368-72	4	15
76	Radiosurgery with 20 Gy provides better local contol of 1-3 brain metastases from breast cancer than with lower doses. *Anticancer Research*, **2015**, 35, 333-6	2.3	11
75	Predicting Survival After Irradiation for Brain Metastases from Head and Neck Cancer. *In Vivo*, **2015**, 29, 525-8	2.3	5
74	A validated score estimating ambulatory status following radiotherapy of elderly patients for metastatic spinal cord compression. *BMC Cancer*, **2014**, 14, 589	4.8	6
73	In vivo surface dose measurement using GafChromic film dosimetry in breast cancer radiotherapy: comparison of 7-field IMRT, tangential IMRT and tangential 3D-CRT. *Radiation Oncology*, **2014**, 9, 156	4.2	12
72	Identification of breast cancer patients with a high risk of developing brain metastases: a single-institutional retrospective analysis. *BMC Cancer*, **2014**, 14, 289	4.8	16
71	Motor function and survival following radiotherapy alone for metastatic epidural spinal cord compression in melanoma patients. *Journal of Dermatology*, **2014**, 41, 1082-6	1.6	3
70	Intensity modulated radiotherapy of upper abdominal malignancies: dosimetric comparison with 3D conformal radiotherapy and acute toxicity. *Radiation Oncology*, **2013**, 8, 207	4.2	9
69	Body Mass Index and Breast Cancer Risk: A Retrospective Multi-Institutional Analysis in Saudi Arabia. *Advances in Breast Cancer Research*, **2013**, 02, 7-10	0.1	4
68	A survival score for patients with metastatic spinal cord compression from prostate cancer. *Strahlentherapie Und Onkologie*, **2012**, 188, 802-6	4.3	25
67	Prognostic factors and a survival score for patients with metastatic spinal cord compression from colorectal cancer. *Strahlentherapie Und Onkologie*, **2012**, 188, 1114-8	4.3	16
66	Impact of zoledronic acid on control of metastatic spinal cord compression. *Strahlentherapie Und Onkologie*, **2012**, 188, 910-6	4.3	12
65	Prognostic factors for different outcomes in patients with metastatic spinal cord compression from cancer of unknown primary. *BMC Cancer*, **2012**, 12, 261	4.8	18
64	Definitive Radiotherapy versus Postoperative Radiotherapy of Patients with Oro- and Hypopharyngeal Cancer: Impact of Prognostic Factors. *Journal of Oncology*, **2012**, 2012, 391917	4.5	2
63	Age of 40 years or younger is an independent risk factor for locoregional failure in early breast cancer: a single-institutional analysis in saudi arabia. *Journal of Oncology*, **2012**, 2012, 370385	4.5	10
62	Do elderly patients benefit from surgery in addition to radiotherapy for treatment of metastatic spinal cord compression?. *Strahlentherapie Und Onkologie*, **2012**, 188, 424-30	4.3	18
61	Prognostic factors in a series of 504 breast cancer patients with metastatic spinal cord compression. *Strahlentherapie Und Onkologie*, **2012**, 188, 340-5	4.3	18
60	Prognostic factors for local control and survival in patients with spinal cord compression from myeloma. *Strahlentherapie Und Onkologie*, **2012**, 188, 628-31	4.3	8

59	Metastatic spinal cord compression in non-small cell lung cancer patients. Prognostic factors in a series of 356 patients. *Strahlentherapie Und Onkologie*, **2012**, 188, 472-6	4.3	28
58	Surgery followed by radiotherapy versus radiotherapy alone for metastatic spinal cord compression from unfavorable tumors. *International Journal of Radiation Oncology Biology Physics*, **2011**, 81, e861-8	4	65
57	Comparison of radiochemotherapy alone to surgery plus radio(chemo)therapy for non-metastatic stage III/IV squamous cell carcinoma of the head and neck: A matched-pair analysis. *Strahlentherapie Und Onkologie*, **2011**, 187, 541-7	4.3	15
56	Dose escalation of radiotherapy for metastatic spinal cord compression (MSCC) in patients with relatively favorable survival prognosis. *Strahlentherapie Und Onkologie*, **2011**, 187, 729-35	4.3	55
55	Impact of the frequency of online verifications on the patient set-up accuracy and set-up margins. *Radiation Oncology*, **2011**, 6, 101	4.2	19
54	Tangential beam IMRT versus tangential beam 3D-CRT of the chest wall in postmastectomy breast cancer patients: a dosimetric comparison. *Radiation Oncology*, **2011**, 6, 26	4.2	51
53	Final results of a prospective study comparing the local control of short-course and long-course radiotherapy for metastatic spinal cord compression. *International Journal of Radiation Oncology Biology Physics*, **2011**, 79, 524-30	4	139
52	Validation of a score predicting post-treatment ambulatory status after radiotherapy for metastatic spinal cord compression. *International Journal of Radiation Oncology Biology Physics*, **2011**, 79, 1503-6	4	35
51	Dose escalation for metastatic spinal cord compression in patients with relatively radioresistant tumors. *International Journal of Radiation Oncology Biology Physics*, **2011**, 80, 1492-7	4	22
50	Matched pair analysis comparing surgery followed by radiotherapy and radiotherapy alone for metastatic spinal cord compression. *Journal of Clinical Oncology*, **2010**, 28, 3597-604	2.2	119
49	Radiotherapy for oligometastatic disease in patients with spinal cord compression (MSCC) from relatively radioresistant tumors. *Strahlentherapie Und Onkologie*, **2010**, 186, 218-23	4.3	29
48	Induction chemotherapy with paclitaxel and cisplatin followed by radiotherapy for larynx organ preservation in advanced laryngeal and hypopharyngeal cancer offers moderate late toxicity outcome (DeLOS-I-trial). *European Archives of Oto-Rhino-Laryngology*, **2009**, 266, 1291-300	3.5	38
47	Preliminary results of spinal cord compression recurrence evaluation (score-1) study comparing short-course versus long-course radiotherapy for local control of malignant epidural spinal cord compression. *International Journal of Radiation Oncology Biology Physics*, **2009**, 73, 228-34	4	82
46	Long-term results of a prospective multicenter phase II study to preserve the larynx function using concomitant boost radiochemotherapy with Carboplatin. *Radiotherapy and Oncology*, **2008**, 89, 33-7	5.3	11
45	The effect of amifostine or IMRT to preserve the parotid function after radiotherapy of the head and neck region measured by quantitative salivary gland scintigraphy. *Radiotherapy and Oncology*, **2008**, 89, 71-80	5.3	40
44	Neoadjuvant capecitabine combined with standard radiotherapy in patients with locally advanced rectal cancer: mature results of a phase II trial. *Strahlentherapie Und Onkologie*, **2008**, 184, 450-6	4.3	42
43	Prognostic factors for functional outcome and survival after reirradiation for in-field recurrences of metastatic spinal cord compression. *Cancer*, **2008**, 113, 1090-6	6.4	64
42	A score predicting posttreatment ambulatory status in patients irradiated for metastatic spinal cord compression. *International Journal of Radiation Oncology Biology Physics*, **2008**, 72, 905-8	4	65

41	Radiotherapy of metastatic spinal cord compression in very elderly patients. *International Journal of Radiation Oncology Biology Physics*, **2007**, 67, 256-63	4	34
40	Functional outcome and survival after radiotherapy of metastatic spinal cord compression in patients with cancer of unknown primary. *International Journal of Radiation Oncology Biology Physics*, **2007**, 67, 532-7	4	33
39	Escalation of radiation dose beyond 30 Gy in 10 fractions for metastatic spinal cord compression. *International Journal of Radiation Oncology Biology Physics*, **2007**, 67, 525-31	4	37
38	Changes in salivary gland function after radiotherapy of head and neck tumors measured by quantitative pertechnetate scintigraphy: comparison of intensity-modulated radiotherapy and conventional radiation therapy with and without Amifostine. *International Journal of Radiation Oncology Biology Physics*, **2007**, 67, 651-9	4	59
37	Outcome after radiotherapy alone for metastatic spinal cord compression in patients with oligometastases. *Journal of Clinical Oncology*, **2007**, 25, 50-6	2.2	74
36	Is short-course radiotherapy with high doses per fraction the appropriate regimen for metastatic spinal cord compression in colorectal cancer patients?. *Strahlentherapie Und Onkologie*, **2006**, 182, 708-12	4.3	18
35	Prognostic factors for local control and survival after radiotherapy of metastatic spinal cord compression. *Journal of Clinical Oncology*, **2006**, 24, 3388-93	2.2	252
34	Evaluation of functional outcome and local control after radiotherapy for metastatic spinal cord compression in patients with prostate cancer. *Journal of Urology*, **2006**, 175, 552-6	2.5	40
33	Prognostic factors predicting functional outcomes, recurrence-free survival, and overall survival after radiotherapy for metastatic spinal cord compression in breast cancer patients. *International Journal of Radiation Oncology Biology Physics*, **2006**, 64, 182-8	4	54
32	Efficacy of intensified hyperfractionated and accelerated radiotherapy and concurrent chemotherapy with carboplatin and 5-fluorouracil: updated results of a randomized multicentric trial in advanced head-and-neck cancer. *International Journal of Radiation Oncology Biology Physics*, **2006**, 64, 1308-16	4	71
31	Prognostic value of tumor oxygenation in 397 head and neck tumors after primary radiation therapy. An international multi-center study. *Radiotherapy and Oncology*, **2005**, 77, 18-24	5.3	777
30	Epoetin-alpha during radiotherapy for stage III esophageal carcinoma. *Cancer*, **2005**, 103, 2274-9	6.4	11
29	Evaluation of five radiation schedules and prognostic factors for metastatic spinal cord compression. *Journal of Clinical Oncology*, **2005**, 23, 3366-75	2.2	267
28	Evaluation of salivary gland function after treatment of head-and-neck tumors with intensity-modulated radiotherapy by quantitative pertechnetate scintigraphy. *International Journal of Radiation Oncology Biology Physics*, **2004**, 58, 175-84	4	115
27	Is there a life-long risk of brachial plexopathy after radiotherapy of supraclavicular lymph nodes in breast cancer patients?. *Radiotherapy and Oncology*, **2004**, 71, 297-301	5.3	101
26	Prognostic impact of reoxygenation in advanced cancer of the head and neck during the initial course of chemoradiation or radiotherapy alone. *Head and Neck*, **2003**, 25, 50-8	4.2	21
25	Is there a dose-effect relationship for the treatment of symptomatic vertebral hemangioma?. *International Journal of Radiation Oncology Biology Physics*, **2003**, 55, 178-81	4	50
24	Pretreatment evaluation of carcinomas of the hypopharynx and larynx with 18F-fluorodeoxyglucose, 123I-alpha-methyl-L-tyrosine and 99mTc-hexakis-2-methoxyisobutylisonitrile. *European Journal of Nuclear Medicine and Molecular Imaging*, **2002**, 29, 324-30	8.8	9

23	Predictive value of the tumor oxygenation by means of pO2 histography in patients with advanced head and neck cancer. *Strahlentherapie Und Onkologie*, **2001**, 177, 462-8	4.3	67
22	Intensified hyperfractionated accelerated radiotherapy limits the additional benefit of simultaneous chemotherapy--results of a multicentric randomized German trial in advanced head-and-neck cancer. *International Journal of Radiation Oncology Biology Physics*, **2001**, 50, 1161-71	4	304
21	Alteration of radiation-induced hematotoxicity by amifostine. *International Journal of Radiation Oncology Biology Physics*, **2001**, 51, 947-51	4	12
20	Role of multimodal treatment in oropharynx, larynx, and hypopharynx cancer. *Journal of Surgical Oncology*, **2001**, 20, 66-74		13
19	Overexpression of the DNA-binding domain of poly(ADP-ribose) polymerase inhibits rejoining of ionizing radiation-induced DNA double-strand breaks. *International Journal of Radiation Biology*, **2001**, 77, 303-7	2.9	26
18	Phase III randomized trial of amifostine as a radioprotector in head and neck cancer. *Journal of Clinical Oncology*, **2000**, 18, 3339-45	2.2	668
17	Prognostic relevance of serum levels of the angiogenic peptide bFGF in advanced carcinoma of the head and neck treated by primary radiochemotherapy. *Head and Neck*, **2000**, 22, 666-73	4.2	23
16	Protective effect of amifostine on dental health after radiotherapy of the head and neck. *International Journal of Radiation Oncology Biology Physics*, **2000**, 48, 1339-43	4	43
15	Prognostic assessment of sonography and tumor volumetry in advanced cancer of the head and neck by use of doppler ultrasonography. *Otolaryngology - Head and Neck Surgery*, **2000**, 122, 596-601	5.5	14
14	Oxygenation of advanced head and neck cancer: prognostic marker for the response to primary radiochemotherapy. *Otolaryngology - Head and Neck Surgery*, **2000**, 122, 856-62	5.5	20
13	Prognostic assessment of sonography and tumor volumetry in advanced cancer of the head and neck by use of Doppler ultrasonography?. *Otolaryngology - Head and Neck Surgery*, **2000**, 122, 596-601	5.5	8
12	Repeatability and prognostic impact of the pretreatment pO(2) histography in patients with advanced head and neck cancer. *Radiotherapy and Oncology*, **2000**, 57, 31-7	5.3	83
11	Prognostic relevance of serum levels of the angiogenic peptide bFGF in advanced carcinoma of the head and neck treated by primary radiochemotherapy **2000**, 22, 666		1
10	Rise of oxygenation in cervical lymph node metastasis during the initial course of radiochemotherapy. *Otolaryngology - Head and Neck Surgery*, **1999**, 121, 789-96	5.5	5
9	Prognostic impact of total tumor volume and hemoglobin concentration on the outcome of patients with advanced head and neck cancer after concomitant boost radiochemotherapy. *Radiotherapy and Oncology*, **1999**, 53, 119-25	5.3	49
8	Acute and late toxicity, tumour control and intrinsic radiosensitivity of primary fibroblasts in vitro of patients with advanced head and neck cancer after concomitant boost radiochemotherapy. *Radiotherapy and Oncology*, **1999**, 53, 233-45	5.3	34
7	Trans-dominant inhibition of poly(ADP-ribosyl)ation leads to decreased recovery from ionizing radiation-induced cell killing. *International Journal of Radiation Biology*, **1998**, 73, 325-30	2.9	21
6	In vitro radiosensitivity of primary human fibroblasts. Lack of correlation with acute radiation toxicity in patients with head and neck cancer. *Radiotherapy and Oncology*, **1997**, 43, 181-8	5.3	40

5	Predictive value of the flow cytometric PCNA assay (proliferating cell nuclear antigen) in head and neck tumors after accelerated-hyperfractionated radiochemotherapy. *International Journal of Radiation Oncology Biology Physics*, **1997**, 37, 771-6	4	12
4	Prognostic significance of color Doppler findings in head and neck tumors. *Ultrasound in Medicine and Biology*, **1997**, 23, 1311-7	3.5	19
3	Combined error of patient positioning variability and prostate motion uncertainty in 3D conformal radiotherapy of localized prostate cancer. *International Journal of Radiation Oncology Biology Physics*, **1996**, 35, 1027-34	4	140
2	Influence of the positioning error on 3D conformal dose distributions during fractionated radiotherapy. *Radiotherapy and Oncology*, **1994**, 33, 56-63	5.3	58
1	Ultrasound image properties influenced by abdominal wall thickness and composition. *Journal of Clinical Ultrasound*, **1993**, 21, 423-9	1	26