

Volker Budach

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

231
papers

9,546
citations

41
h-index

93
g-index

245
ext. papers

11,340
ext. citations

4.5
avg, IF

5.66
L-index

#	Paper	IF	Citations
231	Robotic stereotactic body radiotherapy for the management of adrenal gland metastases: a bi-institutional analysis.. <i>Journal of Cancer Research and Clinical Oncology</i> , 2022 , 1	4.9	0
230	Fear of prognosis? How anxiety, coping, and expected burden impact the decision to have cytogenetic assessment in uveal melanoma patients.. <i>Supportive Care in Cancer</i> , 2022 , 1	3.9	
229	Experimental and computational evaluation of capacitive hyperthermia.. <i>International Journal of Hyperthermia</i> , 2022 , 39, 504-516	3.7	0
228	A web-based app to provide personalized recommendations for COVID-19.. <i>Nature Medicine</i> , 2022 ,	50.5	0
227	Dynamic 18F-FET PET/CT to differentiate recurrent primary brain tumor and brain metastases from radiation necrosis after single-session robotic radiosurgery. <i>Cancer Treatment and Research Communications</i> , 2022 , 100583	2	
226	Long-term results of robotic radiosurgery for non brachytherapy patients with cervical cancer 2021 , 197, 474		1
225	Quantitative volumetric assessment of baseline enhancing tumor volume as an imaging biomarker predicts overall survival in patients with glioblastoma. <i>Acta Radiologica</i> , 2021 , 62, 1200-1207	2	1
224	Salvage-Radiation Therapy and Regional Hyperthermia for Biochemically Recurrent Prostate Cancer after Radical Prostatectomy (Results of the Planned Interim Analysis). <i>Cancers</i> , 2021 , 13,	6.6	2
223	Meta-analysis of chemotherapy in head and neck cancer (MACH-NC): An update on 107 randomized trials and 19,805 patients, on behalf of MACH-NC Group. <i>Radiotherapy and Oncology</i> , 2021 , 156, 281-293	5.3	34
222	External application of liver compresses to reduce fatigue in patients with metastatic cancer undergoing radiation therapy, a randomized clinical trial. <i>Radiation Oncology</i> , 2021 , 16, 76	4.2	2
221	State of the art treatment for stage I to III anal squamous cell carcinoma: A systematic review and meta-analysis. <i>Radiotherapy and Oncology</i> , 2021 , 157, 188-196	5.3	1
220	Effectiveness and Safety of Robotic Radiosurgery for Optic Nerve Sheath Meningiomas: A Single Institution Series. <i>Cancers</i> , 2021 , 13,	6.6	1
219	Fever range whole body hyperthermia for re-irradiation of head and neck squamous cell carcinomas: Final results of a prospective study. <i>Oral Oncology</i> , 2021 , 116, 105240	4.4	4
218	Chemotherapy and radiotherapy in locally advanced head and neck cancer: an individual patient data network meta-analysis. <i>Lancet Oncology, The</i> , 2021 , 22, 727-736	21.7	10
217	What is the role of the subventricular zone in radiotherapy of glioblastoma patients?. <i>Radiotherapy and Oncology</i> , 2021 , 158, 138-145	5.3	1
216	Value of PET imaging for radiation therapy. <i>Nuklearmedizin - NuclearMedicine</i> , 2021 , 60, 326-343	1.8	0
215	Comparison of the composition of lymphocyte subpopulations in non-relapse and relapse patients with squamous cell carcinoma of the head and neck before, during radiochemotherapy and in the follow-up period: a multicenter prospective study of the German Cancer Consortium Radiation Oncology Group (DKTK-ROG). <i>Radiation Oncology</i> , 2021 , 16, 141	4.2	2

214	Value of PET imaging for radiation therapy. <i>Strahlentherapie Und Onkologie</i> , 2021 , 197, 1-23	4.3	1
213	Establishment and Validation of CyberKnife Irradiation in a Syngeneic Glioblastoma Mouse Model. <i>Cancers</i> , 2021 , 13,	6.6	3
212	ERCC2 gene single-nucleotide polymorphism as a prognostic factor for locally advanced head and neck carcinomas after definitive cisplatin-based radiochemotherapy. <i>Pharmacogenomics Journal</i> , 2021 , 21, 37-46	3.5	2
211	Lead-time bias does not falsify the efficacy of early salvage radiotherapy for recurrent prostate cancer. <i>Radiotherapy and Oncology</i> , 2021 , 154, 255-259	5.3	2
210	The rationale and development of a CyberKnife [®] registry for pediatric patients with CNS lesions. <i>Childs Nervous System</i> , 2021 , 37, 871-878	1.7	0
209	Long-term results of robotic radiosurgery for non brachytherapy patients with cervical cancer. <i>Strahlentherapie Und Onkologie</i> , 2021 , 197, 474-486	4.3	3
208	Development and validation of a novel prognostic score for elderly head-and-neck cancer patients undergoing radiotherapy or chemoradiation. <i>Radiotherapy and Oncology</i> , 2021 , 154, 276-282	5.3	8
207	FLASH proton irradiation setup with a modulator wheel for a single mouse eye. <i>Medical Physics</i> , 2021 , 48, 1839-1845	4.4	3
206	Total body irradiation as part of conditioning regimens in childhood leukemia-long-term outcome, toxicity, and secondary malignancies. <i>Strahlentherapie Und Onkologie</i> , 2021 , 1	4.3	1
205	68Ga-DOTATOC-PET/MRI-A Secure One-Stop Shop Imaging Tool for Robotic Radiosurgery Treatment Planning in Patients with Optic Nerve Sheath Meningioma. <i>Cancers</i> , 2021 , 13,	6.6	1
204	Interdisciplinary Clinical Target Volume Generation for Cardiac Radioablation: Multicenter Benchmarking for the Radiosurgery for VENTricular TACHycardia (RAVENTA) Trial. <i>International Journal of Radiation Oncology Biology Physics</i> , 2021 , 110, 745-756	4	6
203	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	9.7	6
202	Quality of life and treatment-related burden during ocular proton therapy: a prospective trial of 131 patients with uveal melanoma. <i>Radiation Oncology</i> , 2021 , 16, 174	4.2	1
201	Evaluation of Prognostic Factors and Role of Participation in a Randomized Trial or a Prospective Registry in Pediatric and Adolescent Nonmetastatic Medulloblastoma - A Report From the HIT 2000 Trial. <i>Advances in Radiation Oncology</i> , 2020 , 5, 1158-1169	3.3	6
200	Comparison of GeneChip, nCounter, and Real-Time PCR-Based Gene Expressions Predicting Locoregional Tumor Control after Primary and Postoperative Radiochemotherapy in Head and Neck Squamous Cell Carcinoma. <i>Journal of Molecular Diagnostics</i> , 2020 , 22, 801-810	5.1	1
199	Radiotherapy Quality Assurance for Head and Neck Squamous Cell Carcinoma. <i>Frontiers in Oncology</i> , 2020 , 10, 282	5.3	3
198	Efficacy and safety of CyberKnife radiosurgery in elderly patients with brain metastases: a retrospective clinical evaluation. <i>Radiation Oncology</i> , 2020 , 15, 225	4.2	3
197	PET measured hypoxia and MRI parameters in re-irradiated head and neck squamous cell carcinomas: findings of a prospective pilot study. <i>F1000Research</i> , 2020 , 9, 1350	3.6	2

196	Repeat Radiation for Local Recurrence of Head and Neck Tumors and in Prostate Cancer. <i>Deutsches A&#x0308;rzblatt International</i> , 2020 , 117, 167-174	2.5	2
195	Factors affecting outcome in frameless non-isocentric stereotactic radiosurgery for trigeminal neuralgia: a multicentric cohort study. <i>Radiation Oncology</i> , 2020 , 15, 115	4.2	3
194	Image-guided dose-escalated radiation therapy for localized prostate cancer with helical tomotherapy. <i>Strahlentherapie Und Onkologie</i> , 2020 , 196, 229-242	4.3	2
193	Role of combined radiation and androgen deprivation therapy in intermediate-risk prostate cancer : Statement from the DEGRO working group on prostate cancer. <i>Strahlentherapie Und Onkologie</i> , 2020 , 196, 109-116	4.3	8
192	A FDG-PET radiomics signature detects esophageal squamous cell carcinoma patients who do not benefit from chemoradiation. <i>Scientific Reports</i> , 2020 , 10, 17671	4.9	10
191	⁶⁸ Ga-PSMA-PET/CT-based radiosurgery and stereotactic body radiotherapy for oligometastatic prostate cancer. <i>PLoS ONE</i> , 2020 , 15, e0240892	3.7	7
190	Reirradiation of High-Grade Gliomas: A Retrospective Analysis of 198 Patients Based on the Charit□ Data Set. <i>Advances in Radiation Oncology</i> , 2020 , 5, 959-964	3.3	4
189	Surgical versus clinical staging prior to primary chemoradiation in patients with cervical cancer FIGO stages IIB-IVA: oncologic results of a prospective randomized international multicenter (Uterus-11) intergroup study. <i>International Journal of Gynecological Cancer</i> , 2020 , 30, 1855-1861	3.5	14
188	Comparative effectiveness trial of transoral head and neck surgery followed by adjuvant radio(chemo)therapy versus primary radiochemotherapy for oropharyngeal cancer (TopROC). <i>BMC Cancer</i> , 2020 , 20, 701	4.8	1
187	Prognostic value of baseline [¹⁸ F]-fluorodeoxyglucose positron emission tomography parameters MTV, TLG and asphericity in an international multicenter cohort of nasopharyngeal carcinoma patients. <i>PLoS ONE</i> , 2020 , 15, e0236841	3.7	5
186	Internal mammary and medial supraclavicular lymph node chain irradiation in stage I-III breast cancer (EORTC 22922/10925): 15-year results of a randomised, phase 3 trial. <i>Lancet Oncology, The</i> , 2020 , 21, 1602-1610	21.7	57
185	Shortened Tracer Uptake Time in GA-68-DOTATOC-PET of Meningiomas Does Not Impair Diagnostic Accuracy and PET Volume Definition. <i>Diagnostics</i> , 2020 , 10,	3.8	2
184	Predicting survival in anaplastic astrocytoma patients in a single-center cohort of 108 patients. <i>Radiation Oncology</i> , 2020 , 15, 282	4.2	1
183	PET measured hypoxia and MRI parameters in re-irradiated head and neck squamous cell carcinomas: findings of a prospective pilot study. <i>F1000Research</i> , 2020 , 9, 1350	3.6	2
182	Radiosurgery for ventricular tachycardia: preclinical and clinical evidence and study design for a German multi-center multi-platform feasibility trial (RAVENTA). <i>Clinical Research in Cardiology</i> , 2020 , 109, 1319-1332	6.1	16
181	Prognostic Factors Predict Oncological Outcome in Older Patients With Head and Neck Cancer Undergoing Chemoradiation Treatment. <i>Frontiers in Oncology</i> , 2020 , 10, 566318	5.3	1
180	Prognostic value of baseline [¹⁸ F]-fluorodeoxyglucose positron emission tomography parameters MTV, TLG and asphericity in an international multicenter cohort of nasopharyngeal carcinoma patients 2020 , 15, e0236841		
179	Prognostic value of baseline [¹⁸ F]-fluorodeoxyglucose positron emission tomography parameters MTV, TLG and asphericity in an international multicenter cohort of nasopharyngeal carcinoma patients 2020 , 15, e0236841		

178	Prognostic value of baseline [18F]-fluorodeoxyglucose positron emission tomography parameters MTV, TLG and asphericity in an international multicenter cohort of nasopharyngeal carcinoma patients 2020 , 15, e0236841		
177	Prognostic value of baseline [18F]-fluorodeoxyglucose positron emission tomography parameters MTV, TLG and asphericity in an international multicenter cohort of nasopharyngeal carcinoma patients 2020 , 15, e0236841		
176	68Ga-PSMA-PET/CT-based radiosurgery and stereotactic body radiotherapy for oligometastatic prostate cancer 2020 , 15, e0240892		
175	68Ga-PSMA-PET/CT-based radiosurgery and stereotactic body radiotherapy for oligometastatic prostate cancer 2020 , 15, e0240892		
174	68Ga-PSMA-PET/CT-based radiosurgery and stereotactic body radiotherapy for oligometastatic prostate cancer 2020 , 15, e0240892		
173	68Ga-PSMA-PET/CT-based radiosurgery and stereotactic body radiotherapy for oligometastatic prostate cancer 2020 , 15, e0240892		
172	Adjuvant radiotherapy improves progression-free survival in intracranial atypical meningioma. <i>Radiation Oncology</i> , 2019 , 14, 160	4.2	17
171	The impact of prostate-specific antigen persistence after radical prostatectomy on the efficacy of salvage radiotherapy in patients with primary N0 prostate cancer. <i>BJU International</i> , 2019 , 124, 785-791	5.6	12
170	Novel prognostic clinical factors and biomarkers for outcome prediction in head and neck cancer: a systematic review. <i>Lancet Oncology, The</i> , 2019 , 20, e313-e326	21.7	67
169	Characterization of the tumor immune micromilieu and its interference with outcome after concurrent chemoradiation in patients with oropharyngeal carcinomas. <i>Oncolmunology</i> , 2019 , 8, 1614858	7.3	8
168	Intermediäres Risikoprofil beim Prostatakarzinom. <i>Onkologe</i> , 2019 , 25, 322-329	0.1	1
167	Image-Guided Robotic Radiosurgery for Treatment of Recurrent Grade II and III Meningiomas. A Single-Center Study. <i>World Neurosurgery</i> , 2019 , 131, e96-e107	2.1	11
166	Decision Making in Patients With Metastatic Spine. The Role of Minimally Invasive Treatment Modalities. <i>Frontiers in Oncology</i> , 2019 , 9, 915	5.3	24
165	Impact of 68Ga-DOTATOC PET/MRI on robotic radiosurgery treatment planning in meningioma patients: first experiences in a single institution. <i>Neurosurgical Focus</i> , 2019 , 46, E9	4.2	14
164	A Five-MicroRNA Signature Predicts Survival and Disease Control of Patients with Head and Neck Cancer Negative for HPV Infection. <i>Clinical Cancer Research</i> , 2019 , 25, 1505-1516	12.9	35
163	Impact of bladder volume on acute genitourinary toxicity in intensity modulated radiotherapy for localized and locally advanced prostate cancer. <i>Strahlentherapie Und Onkologie</i> , 2019 , 195, 517-525	4.3	8
162	Effect of early salvage radiotherapy at PSA . <i>Prostate Cancer and Prostatic Diseases</i> , 2019 , 22, 344-349	6.2	7
161	Re-irradiation of recurrent gliomas: pooled analysis and validation of an established prognostic score-report of the Radiation Oncology Group (ROG) of the German Cancer Consortium (DKTK). <i>Cancer Medicine</i> , 2018 , 7, 1742-1749	4.8	19

160	Efficacy, safety and outcome of frameless image-guided robotic radiosurgery for brain metastases after whole brain radiotherapy. <i>Journal of Neuro-Oncology</i> , 2018 , 138, 73-81	4.8	2
159	Independent validation of a new reirradiation risk score (RRRS) for glioma patients predicting post-recurrence survival: A multicenter DTKK/ROG analysis. <i>Radiotherapy and Oncology</i> , 2018 , 127, 121-127	5.3	22
158	Salvage radiotherapy in prostate cancer patients with biochemical relapse after radical prostatectomy : Prolongation of prostate-specific antigen doubling time in patients with subsequent biochemical progression. <i>Strahlentherapie Und Onkologie</i> , 2018 , 194, 325-332	4.3	3
157	Comparison of detection methods for HPV status as a prognostic marker for loco-regional control after radiochemotherapy in patients with HNSCC. <i>Radiotherapy and Oncology</i> , 2018 , 127, 27-35	5.3	12
156	Development and Validation of a Gene Signature for Patients with Head and Neck Carcinomas Treated by Postoperative Radio(chemo)therapy. <i>Clinical Cancer Research</i> , 2018 , 24, 1364-1374	12.9	32
155	A novel voxel based homogeneity index: Rationale and clinical implications for whole-brain radiation therapy. <i>Radiotherapy and Oncology</i> , 2018 , 128, 229-235	5.3	1
154	SDF-1/CXCR4 expression is an independent negative prognostic biomarker in patients with head and neck cancer after primary radiochemotherapy. <i>Radiotherapy and Oncology</i> , 2018 , 126, 125-131	5.3	20
153	Multilayered Omics-Based Analysis of a Head and Neck Cancer Model of Cisplatin Resistance Reveals Intratumoral Heterogeneity and Treatment-Induced Clonal Selection. <i>Clinical Cancer Research</i> , 2018 , 24, 158-168	12.9	33
152	Are prognostic indices for brain metastases of melanoma still valid in the stereotactic era?. <i>Radiation Oncology</i> , 2018 , 13, 3	4.2	5
151	A phase Ia/Ib trial of the DNA-PK inhibitor M3814 in combination with radiotherapy (RT) in patients (pts) with advanced solid tumors: Dose-escalation results.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 2518-2518	2.2	8
150	Fifteen-year results of the randomised EORTC trial 22922/10925 investigating internal mammary and medial supraclavicular (IM-MS) lymph node irradiation in stage I-III breast cancer.. <i>Journal of Clinical Oncology</i> , 2018 , 36, 504-504	2.2	7
149	Delineation of the primary tumour Clinical Target Volumes (CTV-P) in laryngeal, hypopharyngeal, oropharyngeal and oral cavity squamous cell carcinoma: AIRO, CACA, DAHANCA, EORTC, GEORCC, GORTEC, HKNPCSG, HNCIG, IAG-KHT, LPRHHT, NCIC CTG, NCRI, NRG Oncology, PHNS, SBRT, RTOG 0522, RTOG 0529, RTOG 0535, RTOG 0536, RTOG 0537, RTOG 0538, RTOG 0539, RTOG 0540, RTOG 0541, RTOG 0542, RTOG 0543, RTOG 0544, RTOG 0545, RTOG 0546, RTOG 0547, RTOG 0548, RTOG 0549, RTOG 0550, RTOG 0551, RTOG 0552, RTOG 0553, RTOG 0554, RTOG 0555, RTOG 0556, RTOG 0557, RTOG 0558, RTOG 0559, RTOG 0560, RTOG 0561, RTOG 0562, RTOG 0563, RTOG 0564, RTOG 0565, RTOG 0566, RTOG 0567, RTOG 0568, RTOG 0569, RTOG 0570, RTOG 0571, RTOG 0572, RTOG 0573, RTOG 0574, RTOG 0575, RTOG 0576, RTOG 0577, RTOG 0578, RTOG 0579, RTOG 0580, RTOG 0581, RTOG 0582, RTOG 0583, RTOG 0584, RTOG 0585, RTOG 0586, RTOG 0587, RTOG 0588, RTOG 0589, RTOG 0590, RTOG 0591, RTOG 0592, RTOG 0593, RTOG 0594, RTOG 0595, RTOG 0596, RTOG 0597, RTOG 0598, 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148	Heat shock protein 70 and tumor-infiltrating NK cells as prognostic indicators for patients with squamous cell carcinoma of the head and neck after radiochemotherapy: A multicentre retrospective study of the German Cancer Consortium Radiation Oncology Group (DKTK-ROG). <i>International Journal of Cancer</i> , 2018 , 142, 1911-1925	7.5	32
147	Prostate-specific antigen after salvage radiotherapy for postprostatectomy biochemical recurrence predicts long-term outcome including overall survival. <i>Acta Oncologica</i> , 2018 , 57, 362-367	3.2	19
146	Locally dose-escalated radiotherapy may improve intracranial local control and overall survival among patients with glioblastoma. <i>Radiation Oncology</i> , 2018 , 13, 251	4.2	9
145	Rituximab With Involved Field Irradiation for Early-stage Nodal Follicular Lymphoma: Results of the MIR Study. <i>HemaSphere</i> , 2018 , 2, e160	0.3	23
144	Interdisciplinary Screening, Diagnosis, Therapy and Follow-up of Breast Cancer. Guideline of the DGGG and the DKG (S3-Level, AWMF Registry Number 032/045OL, December 2017) - Part 2 with Recommendations for the Therapy of Primary, Recurrent and Advanced Breast Cancer. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018 , 78, 1056-1088	2	44
143	Interdisciplinary Screening, Diagnosis, Therapy and Follow-up of Breast Cancer. Guideline of the DGGG and the DKG (S3-Level, AWMF Registry Number 032/045OL, December 2017) - Part 1 with Recommendations for the Screening, Diagnosis and Therapy of Breast Cancer. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018 , 78, 827-848	2	36

142	Planning study for Merkel cell carcinoma based on the relapse pattern. <i>Radiotherapy and Oncology</i> , 2017 , 123, 154-157	5.3	2
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