

Dirk Vordermark

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

2,472
citations

159585

30
h-index

223800

46
g-index

90
all docs

90
docs citations

90
times ranked

3652
citing authors

#	ARTICLE	IF	CITATIONS
1	Hypofractionated stereotactic re-irradiation: treatment option in recurrent malignant glioma. <i>BMC Cancer</i> , 2005, 5, 55.	2.6	142
2	Endogenous Markers of Tumor Hypoxia. <i>Strahlentherapie Und Onkologie</i> , 2003, 179, 801-811.	2.0	125
3	Curative-intent radiation therapy in anal carcinoma: quality of life and sphincter function. <i>Radiotherapy and Oncology</i> , 1999, 52, 239-243.	0.6	93
4	Expression patterns of the hypoxia-related genes osteopontin, CA9, erythropoietin, VEGF and HIF-1 α in human glioma in vitro and in vivo. <i>Radiotherapy and Oncology</i> , 2007, 83, 398-405.	0.6	90
5	HIF-1 α inhibition by siRNA or chetomin in human malignant glioma cells: effects on hypoxic radioresistance and monitoring via CA9 expression. <i>BMC Cancer</i> , 2010, 10, 605.	2.6	85
6	Characterization of carbonic anhydrase IX (CA IX) as an endogenous marker of chronic hypoxia in live human tumor cells. <i>International Journal of Radiation Oncology Biology Physics</i> , 2005, 61, 1197-1207.	0.8	73
7	Prospective evaluation of quality of life effects in patients undergoing palliative radiotherapy for brain metastases. <i>BMC Cancer</i> , 2012, 12, 283.	2.6	71
8	Cardiac Magnetic Resonance Imaging Findings in 20-year Survivors of Mediastinal Radiotherapy for Hodgkin's Disease. <i>International Journal of Radiation Oncology Biology Physics</i> , 2011, 79, 1117-1123.	0.8	68
9	Correlation of Hsp70 Serum Levels with Gross Tumor Volume and Composition of Lymphocyte Subpopulations in Patients with Squamous Cell and Adeno Non-Small Cell Lung Cancer. <i>Frontiers in Immunology</i> , 2015, 6, 556.	4.8	67
10	Glucose requirement for hypoxic accumulation of hypoxia-inducible factor-1 α (HIF-1 α). <i>Cancer Letters</i> , 2005, 230, 122-133.	7.2	65
11	Effects of Radiotherapy for Brain Metastases on Quality of Life (QoL). <i>Strahlentherapie Und Onkologie</i> , 2009, 185, 190-197.	2.0	60
12	Cervical Cancer in Ethiopia: Survival of 1,059 Patients Who Received Oncologic Therapy. <i>Oncologist</i> , 2014, 19, 727-734.	3.7	60
13	Response-adapted omission of radiotherapy and comparison of consolidation chemotherapy in children and adolescents with intermediate-stage and advanced-stage classical Hodgkin lymphoma (EuroNet-PHL-C1): a titration study with an open-label, embedded, multinational, non-inferiority, randomised controlled trial. <i>Lancet Oncology</i> , The, 2022, 23, 125-137.	10.7	59
14	S2k Guidelines for Cutaneous Basal Cell Carcinoma – Part 2: Treatment, Prevention and Follow-up. <i>JDDG - Journal of the German Society of Dermatology</i> , 2019, 17, 214-230.	0.8	57
15	Plasma osteopontin levels in patients with head and neck cancer and cervix cancer are critically dependent on the choice of ELISA system. <i>BMC Cancer</i> , 2006, 6, 207.	2.6	56
16	Immunohistochemical detection of osteopontin in advanced head-and-neck cancer: Prognostic role and correlation with oxygen electrode measurements, hypoxia-inducible-factor-1 α -related markers, and hemoglobin levels. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006, 66, 1481-1487.	0.8	55
17	Association of anorectal dose-volume histograms and impaired fecal continence after 3D conformal radiotherapy for carcinoma of the prostate. <i>Radiotherapy and Oncology</i> , 2003, 69, 209-214.	0.6	54
18	S2k Guidelines for Cutaneous Basal Cell Carcinoma – Part 1: Epidemiology, Genetics and Diagnosis. <i>JDDG - Journal of the German Society of Dermatology</i> , 2019, 17, 94-103.	0.8	44

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19	Cell type-specific association of hypoxia-inducible factor-1 \pm (HIF-1 \pm) protein accumulation and radiobiologic tumor hypoxia. <i>International Journal of Radiation Oncology Biology Physics</i> , 2004, 58, 1242-1250.	0.8	43
20	Radiotherapy of Cervical Cancer. <i>Oncology Research and Treatment</i> , 2016, 39, 516-520.	1.2	43
21	Long-term results of radiotherapy in anaplastic thyroid cancer. <i>Radiation Oncology</i> , 2014, 9, 90.	2.7	40
22	Immunohistochemical Detection of HIF-1 \pm and CAIX in Advanced Head-and-Neck Cancer. <i>Strahlentherapie Und Onkologie</i> , 2008, 184, 393-399.	2.0	38
23	Increased betulinic acid induced cytotoxicity and radiosensitivity in glioma cells under hypoxic conditions. <i>Radiation Oncology</i> , 2011, 6, 111.	2.7	37
24	Glioblastoma multiforme with oligodendroglial component (GBMO): favorable outcome after post-operative radiotherapy and chemotherapy with nimustine (ACNU) and teniposide (VM26). <i>BMC Cancer</i> , 2006, 6, 247.	2.6	36
25	Effects of osteopontin inhibition on radiosensitivity of MDA-MB-231 breast cancer cells. <i>Radiation Oncology</i> , 2010, 5, 82.	2.7	36
26	Dynamics of Heat Shock Protein 70 Serum Levels As a Predictor of Clinical Response in Non-Small-Cell Lung Cancer and Correlation with the Hypoxia-Related Marker Osteopontin. <i>Frontiers in Immunology</i> , 2017, 8, 1305.	4.8	35
27	IDH1R132H mutation causes a less aggressive phenotype and radiosensitizes human malignant glioma cells independent of the oxygenation status. <i>Radiotherapy and Oncology</i> , 2015, 116, 381-387.	0.6	33
28	The real face of HIF1 \pm in the tumor process. <i>Cell Cycle</i> , 2012, 11, 3932-3936.	2.6	31
29	Osteopontin and splice variant expression level in human malignant glioma: Radiobiologic effects and prognosis after radiotherapy. <i>Radiotherapy and Oncology</i> , 2013, 108, 535-540.	0.6	31
30	Betulinic Acid Derivatives NVX-207 and B10 for Treatment of Glioblastoma – An in Vitro Study of Cytotoxicity and Radiosensitization. <i>International Journal of Molecular Sciences</i> , 2014, 15, 19777-19790.	4.1	30
31	Interdisciplinary Diagnosis, Therapy and Follow-up of Patients with Endometrial Cancer. Guideline (S3-Level, AWMF Registry Number 032/034-OL, April 2018) – Part 2 with Recommendations on the Therapy and Follow-up of Endometrial Cancer, Palliative Care, Psycho-oncological/Psychosocial Care/Rehabilitation/Patient Information and Healthcare Facilities. <i>Geburtshilfe Und Frauenheilkunde</i> , 2019, 79, 1000-1100.	1.8	30
32	Normoxic accumulation of HIF1 \pm is associated with glutaminolysis. <i>Clinical Oral Investigations</i> , 2017, 21, 211-224.	3.0	27
33	Dosimetric comparison of intensity-modulated radiotherapy (IMRT) and volumetric modulated arc therapy (VMAT) in total scalp irradiation: a single institutional experience. <i>Radiation Oncology Journal</i> , 2016, 34, 313-321.	1.5	26
34	Shift in indications for radiotherapy during the COVID-19 pandemic? A review of organ-specific cancer management recommendations from multidisciplinary and surgical expert groups. <i>Radiation Oncology</i> , 2020, 15, 140.	2.7	25
35	Analysis of health-related quality of life in patients with brain tumors prior and subsequent to radiotherapy. <i>Oncology Letters</i> , 2017, 14, 1841-1846.	1.8	24
36	Chronic fatigue after radiotherapy for carcinoma of the prostate: correlation with anorectal and genitourinary function. <i>Radiotherapy and Oncology</i> , 2002, 62, 293-297.	0.6	23

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37	mRNA expression levels of hypoxia-induced and stem cell-associated genes in human glioblastoma. <i>Oncology Reports</i> , 2015, 33, 3155-3161.	2.6	23
38	3-D conformal treatment of prostate cancer to 74 Gy vs. high-dose-rate brachytherapy boost: A cross-sectional quality-of-life survey. <i>Acta Oncologica</i> , 2006, 45, 708-716.	1.8	22
39	Betuliny Sulfamates as Anticancer Agents and Radiosensitizers in Human Breast Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2015, 16, 26249-26262.	4.1	22
40	Targeting of EGFR and HER2 with therapeutic antibodies and siRNA. <i>Strahlentherapie Und Onkologie</i> , 2015, 191, 180-191.	2.0	22
41	P4HA1: A single-gene surrogate of hypoxia signatures in oral squamous cell carcinoma patients. <i>Clinical and Translational Radiation Oncology</i> , 2017, 5, 6-11.	1.7	21
42	Synthesis and biological investigation of new carbonic anhydrase IX (CAIX) inhibitors. <i>Chemico-Biological Interactions</i> , 2018, 284, 12-23.	4.0	21
43	Quality of life in patients with limited (≤3) brain metastases undergoing stereotactic or whole brain radiotherapy. <i>Strahlentherapie Und Onkologie</i> , 2020, 196, 48-57.	2.0	21
44	Trans sectoral care of geriatric cancer patients based on comprehensive geriatric assessment and patient-reported quality of life - Results of a multicenter study to develop and pilot test a patient-centered interdisciplinary care concept for geriatric oncology patients (PIVOG). <i>Journal of Geriatric Oncology</i> , 2017, 8, 262-270.	1.0	20
45	Investigation of the Prognostic Role of Carbonic Anhydrase 9 (CAIX) of the Cellular mRNA/Protein Level or Soluble CAIX Protein in Patients with Oral Squamous Cell Carcinoma. <i>International Journal of Molecular Sciences</i> , 2019, 20, 375.	4.1	20
46	Causes and Consequences of A Glutamine Induced Normoxic HIF1 Activity for the Tumor Metabolism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4742.	4.1	19
47	Prospective evaluation of quality of life after permanent prostate brachytherapy with I-125: Importance of baseline symptoms and of prostate-V150. <i>Radiotherapy and Oncology</i> , 2009, 91, 217-224.	0.6	17
48	Radiosensitization and a Less Aggressive Phenotype of Human Malignant Glioma Cells Expressing Isocitrate Dehydrogenase 1 (IDH1) Mutant Protein: Dissecting the Mechanisms. <i>Cancers</i> , 2019, 11, 889.	3.7	17
49	Toward Restored Bowel Health in Rectal Cancer Survivors. <i>Seminars in Radiation Oncology</i> , 2016, 26, 236-250.	2.2	15
50	Combined 3-O-acetylbetulin treatment and carbonic anhydrase IX inhibition results in additive effects on human breast cancer cells. <i>Chemico-Biological Interactions</i> , 2021, 333, 109326.	4.0	15
51	Impaired Sphincter Function and Good Quality of Life in Anal Carcinoma Patients after Radiotherapy: A Paradox?. <i>Journal of Clinical Oncology</i> , 2001, 37, 132-139.		14
52	3-D reconstruction of anterior mantle-field techniques in Hodgkin's disease survivors: doses to cardiac structures. <i>Radiation Oncology</i> , 2006, 1, 10.	2.7	14
53	Brachytherapy. <i>Cancer</i> , 2001, 91, 1185-1186.	4.1	12
54	Hypoxia-specific targets in cancer therapy: role of splice variants. <i>BMC Medicine</i> , 2010, 8, 45.	5.5	12

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55	Influence of hypoxia and irradiation on osteopontin expression in head and neck cancer and glioblastoma cell lines. <i>Radiation Oncology</i> , 2015, 10, 167.	2.7	12
56	Addition of the Neurokinin-1-Receptor Antagonist (RA) Aprepitant to a 5-Hydroxytryptamine-RA and Dexamethasone in the Prophylaxis of Nausea and Vomiting Due to Radiation Therapy With Concomitant Cisplatin. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 1101-1107.	0.8	12
57	The relationship between tumor volume changes and serial plasma osteopontin detection during radical radiotherapy of non-small-cell lung cancer. <i>Oncology Letters</i> , 2016, 12, 3449-3456.	1.8	12
58	The Impact of Non-Lethal Single-Dose Radiation on Tumor Invasion and Cytoskeletal Properties. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2001.	4.1	12
59	Pediatric classical Hodgkin lymphoma. <i>Pediatric Blood and Cancer</i> , 2021, 68, e28562.	1.5	12
60	Malignant melanoma brain metastases: Treatment results and prognostic factors - a single-center retrospective study. <i>International Journal of Oncology</i> , 2015, 46, 2439-2448.	3.3	11
61	Quality of life in very elderly radiotherapy patients: a prospective pilot study using the EORTC QLQ-ELD14 module. <i>Supportive Care in Cancer</i> , 2015, 23, 1883-1892.	2.2	11
62	PRO-ONKO – selection of patient-reported outcome assessments for the clinical use in cancer patients – a mixed-method multicenter cross-sectional exploratory study. <i>Supportive Care in Cancer</i> , 2016, 24, 2503-2512.	2.2	11
63	Radiotherapy of brain metastases from breast cancer: Treatment results and prognostic factors. <i>Oncology Letters</i> , 2016, 11, 3223-3227.	1.8	11
64	Evaluation of machine learning models for automatic detection of DNA double strand breaks after irradiation using a $^3\text{H}2\text{AX}$ foci assay. <i>PLoS ONE</i> , 2020, 15, e0229620.	2.5	10
65	Patterns of Care in the Radiotherapy of Prostate Cancer in Northern Bavaria 1998–2000. <i>Strahlentherapie Und Onkologie</i> , 2007, 183, 314-320.	2.0	9
66	Statement of the Uterus Committee of the Gynaecological Oncology Working Group (AGO) on the PORTEC-3 study. <i>Geburtshilfe Und Frauenheilkunde</i> , 2018, 78, 923-926.	1.8	9
67	MSBA-S – A pentacyclic sulfamate as a new option for radiotherapy of human breast cancer cells. <i>European Journal of Medicinal Chemistry</i> , 2021, 224, 113721.	5.5	9
68	Low HIF-1 \pm and low EGFR mRNA Expression Significantly Associate with Poor Survival in Soft Tissue Sarcoma Patients; the Proteins React Differently. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3842.	4.1	8
69	Shift of radiotherapy use during the first wave of the COVID-19 pandemic? An analysis of German inpatient data. <i>Strahlentherapie Und Onkologie</i> , 2022, 198, 334-345.	2.0	8
70	Ten years of progress in radiation oncology. <i>BMC Cancer</i> , 2011, 11, 503.	2.6	7
71	Inverse prognostic impact of ErbB2 mRNA and protein expression level in tumors of soft tissue sarcoma patients. <i>Strahlentherapie Und Onkologie</i> , 2014, 190, 912-918.	2.0	7
72	Factors Influencing Global Health Related Quality of Life in Elderly Cancer Patients: Results of a Secondary Data Analysis. <i>Geriatrics (Switzerland)</i> , 2018, 3, 5.	1.7	7

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73	Benefit from surgery with additional radiotherapy in N1 head and neck cancer at the time of IMRT: A population-based study on recent developments. PLoS ONE, 2020, 15, e0229266.	2.5	7
74	Trans-sectoral care in patients with colorectal cancer: Protocol of the randomized controlled multi-center trial Supportive Cancer Care Networkers (SCAN). BMC Cancer, 2015, 15, 997.	2.6	6
75	Number of radiotherapy treatment machines in the population and cancer mortality: an ecological study. Clinical Epidemiology, 2018, Volume 10, 1249-1273.	3.0	6
76	Prediction of regulatory targets of alternative isoforms of the epidermal growth factor receptor in a glioblastoma cell line. BMC Bioinformatics, 2019, 20, 434.	2.6	6
77	The Role of Postoperative Radiotherapy for Carcinosarcoma of the Uterus. Cancers, 2020, 12, 3573.	3.7	6
78	<p></p>Development and Validation of an Information Leaflet on Oral Care for Irradiated Patients</p>. Patient Preference and Adherence, 2020, Volume 14, 1791-1799.	1.8	6
79	Perioperative changes in osteopontin and TGF β 1 plasma levels and their prognostic impact for radiotherapy in head and neck cancer. BMC Cancer, 2017, 17, 6.	2.6	4
80	Local control in 118 consecutive high-risk breast cancer patients treated with breast-conserving therapy. Oncology Reports, 2007, 18, 1335-9.	2.6	4
81	Effect of Radiotherapy in Addition to Surgery in Early Stage Endometrial Cancer: A Population-Based Study. Cancers, 2020, 12, 3814.	3.7	3
82	Development and Evaluation of a Multimodal Supportive Intervention for Promoting Physical Function in Older Patients with Cancer. Cancers, 2022, 14, 2599.	3.7	3
83	Coronary Heart Disease After Mediastinal Radiotherapy for Hodgkin Lymphoma: Can Risk Calculations From Historic Cohorts Be Used Today?. Journal of Clinical Oncology, 2016, 34, 2939-2940.	1.6	1
84	Lung Cancer Attributed Mortality Among 316,336 Early Stage Breast Cancer Cases Treated by Radiotherapy and/or Chemotherapy, 2000-2015: Evidence From the SEER Database. Frontiers in Oncology, 2020, 10, 602397.	2.8	1
85	Decision Making in Geriatric Oncology: Supported Versus Assisted Decision Making. Journal of Clinical Oncology, 2021, 39, JCO.21.01643.	1.6	1