Jens Overgaard

List of Publications by Year
in descending order

272 papers	27,368 citations	5896 81 h-index	5829 161 g-index
273 all docs	273 docs citations	273 times ranked	17616 citing authors

#	Article	IF	Citations
1	Postoperative Radiotherapy in High-Risk Premenopausal Women with Breast Cancer Who Receive Adjuvant Chemotherapy. New England Journal of Medicine, 1997, 337, 949-955.	27.0	2,408
2	Postoperative radiotherapy in high-risk postmenopausal breast-cancer patients given adjuvant tamoxifen: Danish Breast Cancer Cooperative Group DBCG 82c randomised trial. Lancet, The, 1999, 353, 1641-1648.	13.7	1,493
3	Hyperfractionated or accelerated radiotherapy in head and neck cancer: a meta-analysis. Lancet, The, 2006, 368, 843-854.	13.7	967
4	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.	0.6	867
5	Pretreatment oxygenation predicts radiation response in advanced squamous cell carcinoma of the head and neck. Radiotherapy and Oncology, 1996, 41, 31-39.	0.6	795
6	Radiation oncology in the era of precision medicine. Nature Reviews Cancer, 2016, 16, 234-249.	28.4	636
7	Five compared with six fractions per week of conventional radiotherapy of squamous-cell carcinoma of head and neck: DAHANCA 6&7 randomised controlled trial. Lancet, The, 2003, 362, 933-940.	13.7	626
8	Hypoxic Radiosensitization: Adored and Ignored. Journal of Clinical Oncology, 2007, 25, 4066-4074.	1.6	564
9	Randomised trial of hyperthermia as adjuvant to radiotherapy for recurrent or metastatic malignant melanoma. Lancet, The, 1995, 345, 540-543.	13.7	551
10	Effect of HPV-Associated p16^{INK4A} Expression on Response to Radiotherapy and Survival in Squamous Cell Carcinoma of the Head and Neck. Journal of Clinical Oncology, 2009, 27, 1992-1998.	1.6	548
11	A randomized double-blind phase III study of nimorazole as a hypoxic radiosensitizer of primary radiotherapy in supraglottic larynx and pharynx carcinoma. Results of the Danish Head and Neck Cancer Study (DAHANCA) Protocol 5-85. Radiotherapy and Oncology, 1998, 46, 135-146.	0.6	523
12	Imaging hypoxia to improve radiotherapy outcome. Nature Reviews Clinical Oncology, 2012, 9, 674-687.	27.6	519
13	Estrogen Receptor, Progesterone Receptor, HER-2, and Response to Postmastectomy Radiotherapy in High-Risk Breast Cancer: The Danish Breast Cancer Cooperative Group. Journal of Clinical Oncology, 2008, 26, 1419-1426.	1.6	515
14	The current and potential role of hyperthermia in radiotherapy. International Journal of Radiation Oncology Biology Physics, 1989, 16, 535-549.	0.8	475
15	Hypoxic modification of radiotherapy in squamous cell carcinoma of the head and neck â€“ A systematic review and meta-analysis. Radiotherapy and Oncology, 2011, 100, 22-32.	0.6	404
16	Is the benefit of postmastectomy irradiation limited to patients with four or more positive nodes, as recommended in international consensus reports? A subgroup analysis of the DBCG 82 b&c randomized trials. Radiotherapy and Oncology, 2007, 82, 247-253.	0.6	402
17	Modification of hypoxia-induced radioresistance in tumors by the use of oxygen and sensitizers. Seminars in Radiation Oncology, 1996, 6, 10-21.	2.2	390
18	Hyperthermia: a Potent Enhancer of Radiotherapy. Clinical Oncology, 2007, 19, 418-426.	1.4	389

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19	DBCG-IMN: A Population-Based Cohort Study on the Effect of Internal Mammary Node Irradiation in Early Node-Positive Breast Cancer. Journal of Clinical Oncology, 2016, 34, 314-320.	1.6	356
20	Morbidity and mortality of ischaemic heart disease in high-risk breast-cancer patients after adjuvant postmastectomy systemic treatment with or without radiotherapy: analysis of DBCG 82b and 82c randomised trials. Lancet, The, 1999, 354, 1425-1430.	13.7	329
21	Simultaneous and sequential hyperthermia and radiation treatment of an experimental tumor and its surrounding normal tissue in vivo. International Journal of Radiation Oncology Biology Physics, 1980, 6, 1507-1517.	0.8	328
22	Study of Failure Pattern Among High-Risk Breast Cancer Patients With or Without Postmastectomy Radiotherapy in Addition to Adjuvant Systemic Therapy: Long-Term Results From the Danish Breast Cancer Cooperative Group DBCG 82 b and c Randomized Studies. Journal of Clinical Oncology, 2006, 24, 2268-2275.	1.6	309
23	A confirmatory prognostic study on oxygenation status and loco-regional control in advanced head and neck squamous cell carcinoma treated by radiation therapy. Radiotherapy and Oncology, 2000, 57, 39-43.	0.6	274
24	Postoperative radiotherapy in Dukes' B and C carcinoma of the rectum and rectosigmoid: A randomized multicenter study. Cancer, 1986, 58, 22-28.	4.1	268
25	FAZA PET/CT hypoxia imaging in patients with squamous cell carcinoma of the head and neck treated with radiotherapy: Results from the DAHANCA 24 trial. Radiotherapy and Oncology, 2012, 105, 14-20.	0.6	266
26	Plasma osteopontin, hypoxia, and response to the hypoxia sensitiser nimorazole in radiotherapy of head and neck cancer: results from the DAHANCA 5 randomised double-blind placebo-controlled trial. Lancet Oncology, The, 2005, 6, 757-764.	10.7	264
27	Radiotherapy-Related Lung Fibrosis Enhanced by Tamoxifen. Journal of the National Cancer Institute, 1996, 88, 918-922.	6.3	257
28	The impact of hypoxia and its modification of the outcome of radiotherapy. Journal of Radiation Research, 2016, 57, i90-i98.	1.6	229
29	Development of a Hypoxia Gene Expression Classifier with Predictive Impact for Hypoxic Modification of Radiotherapy in Head and Neck Cancer. Cancer Research, 2011, 71, 5923-5931.	0.9	226
30	Role of radiotherapy fractionation in head and neck cancers (MARCH): an updated meta-analysis. Lancet Oncology, The, 2017, 18, 1221-1237.	10.7	226
31	Primary radiotherapy of larynx and pharynx carcinomaâ€"An analysis of some factors influencing local control and survival. International Journal of Radiation Oncology Biology Physics, 1986, 12, 515-521.	0.8	223
32	Misonidazole combined with split-course radiotherapy in the treatment of invasive carcinoma of larynx and pharynx: Report from the DAHANCA 2 study. International Journal of Radiation Oncology Biology Physics, 1989, 16, 1065-1068.	0.8	212
33	Hyperthermia as an adjuvant to radiation therapy of recurrent or metastatic malignant melanoma. A multicentre randomized trial by the European Society for Hyperthermic Oncology. International Journal of Hyperthermia, 1996, 12, 3-20.	2.5	201
34	Gene expression classifier predicts for hypoxic modification of radiotherapy with nimorazole in squamous cell carcinomas of the head and neck. Radiotherapy and Oncology, 2012, 102, 122-129.	0.6	196
35	Measurement of Human Tumour Oxygenation Status by a Polarographic Needle Electrode: An analysis of inter- and intratumour heterogeneity. Acta OncolÃ³gica, 1994, 33, 383-389.	1.8	177
36	HPV-associated p16-expression and response to hypoxic modification of radiotherapy in head and neck cancer. Radiotherapy and Oncology, 2010, 94, 30-35.	0.6	177

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37	The influence of HPV-associated p16-expression on accelerated fractionated radiotherapy in head and neck cancer: Evaluation of the randomised DAHANCA 6&7 trial. Radiotherapy and Oncology, 2011, 100, 49-55.	0.6	176
38	Risk of second primary lung cancer in women after radiotherapy for breast cancer. Radiotherapy and Oncology, 2014, 111, 366-373.	0.6	164
39	Risk of second non-breast cancer after radiotherapy for breast cancer: A systematic review and meta-analysis of 762,468 patients. Radiotherapy and Oncology, 2015, 114, 56-65.	0.6	161
40	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. Radiotherapy and Oncology, 2021, 156, 281-293.	0.6	157
41	Hypofractionated Versus Standard Fractionated Radiotherapy in Patients With Early Breast Cancer or Ductal Carcinoma In Situ in a Randomized Phase III Trial: The DBCG HYPO Trial. Journal of Clinical Oncology, 2020, 38, 3615-3625.	1.6	155
42	Sensitization of Hypoxic Tumour Cellsâ€"Clinical Experience. International Journal of Radiation Biology, 1989, 56, 801-811.	1.8	150
43	Second primary cancers after adjuvant radiotherapy in early breast cancer patients: A national population based study under the Danish Breast Cancer Cooperative Group (DBCG). Radiotherapy and Oncology, 2013, 106, 42-49.	0.6	148
44	The Influence of Hypoxia and Acidity on the Hyperthermic Response of Malignant CellsIn Vitro. Radiology, 1977, 123, 511-514.	7.3	145
45	Cancer of the Nasal Cavity and Paranasal Sinuses:A Clinico-pathological Study of 277 Patients. Acta OncolÃ³gica, 1997, 36, 45-50.	1.8	145
46	Impact of HPV-associated p16-expression on radiotherapy outcome in advanced oropharynx and non-oropharynx cancer. Radiotherapy and Oncology, 2014, 113, 310-316.	0.6	144
47	Prospective study of 18FDGâ€PET in the detection and management of patients with lymph node metastases to the neck from an unknown primary tumor. Results from the DAHANCAâ€13 study. Head and Neck, 2008, 30, 471-478.	2.0	143
48	Hyperthermia: The Optimal Treatment to Overcome Radiation Resistant Hypoxia. Cancers, 2019, 11, 60.	3.7	142
49	Tumor hypoxia is independent of hemoglobin and prognostic for loco-regional tumor control after primary radiotherapy in advanced head and neck cancer. Acta OncolÃ³gica, 2004, 43, 396-403.	1.8	135
50	HPV status, cancer stem cell marker expression, hypoxia gene signatures and tumour volume identify good prognosis subgroups in patients with HNSCC after primary radiochemotherapy: A multicentre retrospective study of the German Cancer Consortium Radiation Oncology Group (DKTK-ROG). Radiotherapy and Oncology, 2016, 121, 364-373.	0.6	130
51	Low Cancer Stem Cell Marker Expression and Low Hypoxia Identify Good Prognosis Subgroups in HPV(âˆ') HNSCC after Postoperative Radiochemotherapy: A Multicenter Study of the DKTK-ROG. Clinical Cancer Research, 2016, 22, 2639-2649.	7.0	127
52	Late Treatment-Related Morbidity in Breast Cancer Patients Randomized to Postmastectomy Radiotherapy and Systemic Treatment Versus Systemic Treatment Alone. Acta OncolÃ³gica, 2000, 39, 355-372.	1.8	126
53	TGFB1 polymorphisms are associated with risk of late normal tissue complications in the breast after radiotherapy for early breast cancer. Radiotherapy and Oncology, 2005, 75, 18-21.	0.6	125
54	Loco-regional recurrence after mastectomy in high-risk breast cancerâ€"risk and prognosis. An analysis of patients from the DBCG 82 b&c randomization trials. Radiotherapy and Oncology, 2006, 79, 147-155.	0.6	124

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55	Cancer suspicion in general practice, urgent referral and time to diagnosis: a population-based GP survey and registry study. BMC Cancer, 2014, 14, 636.	2.6	123
56	Genetic Predictors of Adverse Radiotherapy Effects: The Gene-PARE project. International Journal of Radiation Oncology Biology Physics, 2006, 65, 646-655.	0.8	120
57	Prognostic impact of HPV-associated p16-expression and smoking status on outcomes following radiotherapy for oropharyngeal cancer: The MARCH-HPV project. Radiotherapy and Oncology, 2018, 126, 107-115.	0.6	116
58	Tumour oxygenation assessed by 18F-fluoromisonidazole PET and polarographic needle electrodes in human soft tissue tumours. Radiotherapy and Oncology, 2003, 67, 339-344.	0.6	114
59	Identifying microRNAs regulating B7-H3 in breast cancer: the clinical impact of microRNA-29c. British Journal of Cancer, 2014, 110, 2072-2080.	6.4	110
60	Early and late radiotherapeutic morbidity in 442 consecutive patients with locally advanced carcinoma of the uterine cervix. International Journal of Radiation Oncology Biology Physics, 1994, 29, 941-952.	0.8	109
61	Clinical correlations between late normal tissue endpoints after radiotherapy: Implications for predictive assays of radiosensitivity. European Journal of Cancer, 1993, 29, 1373-1376.	2.8	104
62	Cellular uptake of PET tracers of glucose metabolism and hypoxia and their linkage. European Journal of Nuclear Medicine and Molecular Imaging, 2008, 35, 2294-2303.	6.4	104
63	Aerobic glycolysis in cancers: Implications for the usability of oxygenâ€responsive genes and fluorodeoxyglucoseâ€PET as markers of tissue hypoxia. International Journal of Cancer, 2008, 122, 2726-2734.	5.1	104
64	Genetic Markers for Prediction of Normal Tissue Toxicity After Radiotherapy. Seminars in Radiation Oncology, 2008, 18, 126-135.	2.2	103
65	Five versus six fractions of radiotherapy per week for squamous-cell carcinoma of the head and neck (IAEA-ACC study): a randomised, multicentre trial. Lancet Oncology, The, 2010, 11, 553-560.	10.7	103
66	Effect of smoking on oxygen delivery and outcome in patients treated with radiotherapy for head and neck squamous cell carcinoma â€“ A prospective study. Radiotherapy and Oncology, 2012, 103, 38-44.	0.6	103
67	The prognostic value of pimonidazole and tumour pO2 in human cervix carcinomas after radiation therapy: A prospective international multi-center study. Radiotherapy and Oncology, 2006, 80, 123-131.	0.6	98
68	High local recurrence risk is not associated with large survival reduction after postmastectomy radiotherapy in high-risk breast cancer: A subgroup analysis of DBCG 82 b&c. Radiotherapy and Oncology, 2009, 90, 74-79.	0.6	98
69	Individual patient data meta-analysis shows a significant association between the ATM rs1801516 SNP and toxicity after radiotherapy in 5456 breast and prostate cancer patients. Radiotherapy and Oncology, 2016, 121, 431-439.	0.6	98
70	Hyperthermia as an adjuvant to radiotherapy in the treatment of malignant melanoma. International Journal of Hyperthermia, 1987, 3, 483-501.	2.5	97
71	Time to loco-regional recurrence after resection of Dukes' B and C colorectal cancer with or without adjuvant postoperative radiotherapy. A multivariate regression analysis. British Journal of Cancer, 1992, 65, 102-107.	6.4	97
72	Prognostic significance of urokinase-type plasminogen activator and plasminogen activator inhibitor-1 in primary breast cancer. British Journal of Cancer, 1998, 77, 932-940.	6.4	97

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73	Pharyngo-cutaneous fistulae after laryngectomy.Influence of previous radiotherapy and prophylactic metronidazole. Cancer, 1988, 61, 673-678.	4.1	96
74	Radiosensitivity and effect of hypoxia in HPV positive head and neck cancer cells. Radiotherapy and Oncology, 2013, 108, 500-505.	0.6	95
75	Evaluation of comorbidity in 9388 head and neck cancer patients: A national cohort study from the DAHANCA database. Radiotherapy and Oncology, 2014, 110, 91-97.	0.6	94
76	Combination of nicotinamide and hyperthermia to eliminate radioresistant chronically and acutely hypoxic tumor cells. Cancer Research, 1990, 50, 7430-6.	0.9	93
77	Risk of second non-breast cancer among patients treated with and without postoperative radiotherapy for primary breast cancer: A systematic review and meta-analysis of population-based studies including 522,739 patients. Radiotherapy and Oncology, 2016, 121, 402-413.	0.6	90
78	Identifying pH independent hypoxia induced genes in human squamous cell carcinomasin vitro. Acta OncolÃ³gica, 2010, 49, 895-905.	1.8	88
79	Cosmetic Outcome and Breast Morbidity in Breast-Conserving Treatment. Acta OncolÃ³gica, 2002, 41, 369-380.	1.8	85
80	Integrative clustering reveals a novel split in the luminal A subtype of breast cancer with impact on outcome. Breast Cancer Research, 2017, 19, 44.	5.0	85
81	Glottic carcinoma â€“ patterns of failure and salvage treatment after curative radiotherapy in 861 consecutive patients. Radiotherapy and Oncology, 2002, 63, 257-267.	0.6	84
82	Why actuarial estimates should be used in reporting late normal-tissue effects of cancer treatment â€¦ now!. International Journal of Radiation Oncology Biology Physics, 1995, 32, 1531-1534.	0.8	83
83	Hypopharyngeal Squamous Cell Carcinoma: Treatment Results in 138 Consecutively Admitted Patients. Acta OncolÃ³gica, 2000, 39, 529-536.	1.8	83
84	The impact of comorbidity on outcome in 12 623 Danish Head and Neck Cancer Patients: A population based study from the DAHANCA database. Acta OncolÃ³gica, 2013, 52, 285-293.	1.8	83
85	Locally advanced head and neck cancer treated with accelerated radiotherapy, the hypoxic modifier nimorazole and weekly cisplatin. Results from the DAHANCA 18 phase II study. Acta OncolÃ³gica, 2015, 54, 1001-1007.	1.8	82
86	Shoulder disability and late symptoms following surgery for early breast cancer. Acta OncolÃ³gica, 2008, 47, 569-575.	1.8	81
87	Development and Validation of a Gene Profile Predicting Benefit of Postmastectomy Radiotherapy in Patients with High-Risk Breast Cancer: A Study of Gene Expression in the DBCG82bc Cohort. Clinical Cancer Research, 2014, 20, 5272-5280.	7.0	80
88	Imaging Hypoxia in Xenografted and Murine Tumors With 18F-Fluoroazomycin Arabinoside: A Comparative Study Involving microPET, Autoradiography, Po2-Polarography, and Fluorescence Microscopy. International Journal of Radiation Oncology Biology Physics, 2008, 70, 1202-1212.	0.8	79
89	Prevalence and peak incidence of acute and late normal tissue morbidity in the DAHANCA 6&7 randomised trial with accelerated radiotherapy for head and neck cancer. Radiotherapy and Oncology, 2012, 103, 69-75.	0.6	78
90	TP53Mutation is an Independent Prognostic Marker for Poor Outcome in Both Node-negative and Node-positive Breast Cancer. Acta OncolÃ³gica, 2000, 39, 327-333.	1.8	76

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91	CT-planned internal mammary node radiotherapy in the DBCG-IMN study: Benefit versus potentially harmful effects. Acta OncolÃ³gica, 2014, 53, 1027-1034.	1.8	73
92	Patterns of angiogenesis in nonsmall-cell lung carcinoma. Cancer, 2001, 91, 1500-1509.	4.1	72
93	Tissue microarrays compared with whole sections and biochemical analyses. A subgroup analysis of DBCG 82 b&c.. Acta OncolÃ³gica, 2008, 47, 591-599.	1.8	71
94	Hypomethylation and increased expression of the putative oncogene ELMO3 are associated with lung cancer development and metastases formation. Oncoscience, 2014, 1, 367-374.	2.2	71
95	Hot Topic: Can mild hyperthermia improve tumour oxygenation?. International Journal of Hyperthermia, 1997, 13, 141-147.	2.5	68
96	Relative biological effectiveness (RBE) and distal edge effects of proton radiation on early damage in vivo. Acta OncolÃ³gica, 2017, 56, 1387-1391.	1.8	64
97	Diagnostic intervals before and after implementation of cancer patient pathways â€“ a GP survey and registry based comparison of three cohorts of cancer patients. BMC Cancer, 2015, 15, 308.	2.6	63
98	Resolution in PET hypoxia imaging: Voxel size matters. Acta OncolÃ³gica, 2008, 47, 1201-1210.	1.8	62
99	Waiting times for diagnosis and treatment of head and neck cancer in Denmark in 2010 compared to 1992 and 2002. European Journal of Cancer, 2013, 49, 1627-1633.	2.8	62
100	A comparative investigation of nimorazole and misonidazole as hypoxic radiosensitizers in a C3H mammary carcinoma in vivo. British Journal of Cancer, 1982, 46, 904-911.	6.4	61
101	Postmastectomy Irradiation in High-Risk Breast Cancer Patients: Present status of the Danish Breast Cancer Cooperative Group trials. Acta OncolÃ³gica, 1988, 27, 707-714.	1.8	58
102	Long-term colorectal function after postoperative radiotherapy for colorectal cancer. Lancet, The, 1997, 350, 564.	13.7	58
103	Effect of misonidazole and hyperthermia on the radiosensitivity of a C3H mouse mammary carcinoma and its surrounding normal tissue. British Journal of Cancer, 1980, 41, 10-21.	6.4	56
104	The importance of haemoglobin level and effect of transfusion in HNSCC patients treated with radiotherapy â€“ Results from the randomized DAHANCA 5 study. Radiotherapy and Oncology, 2011, 98, 28-33.	0.6	56
105	The DAHANCA 6 randomized trial: Effect of 6 vs 5 weekly fractions of radiotherapy in patients with glottic squamous cell carcinoma. Radiotherapy and Oncology, 2015, 117, 91-98.	0.6	56
106	Validation of a 15-gene hypoxia classifier in head and neck cancer for prospective use in clinical trials. Acta OncolÃ³gica, 2016, 55, 1091-1098.	1.8	55
107	Arrhenius Analysis of Survival Curves from Thermotolerant and Step-Down Heated L1A2 Cells in Vitro. Radiation Research, 1982, 91, 468.	1.5	52
108	The natural history of prostate carcinoma based on a Danish population treated with no intent to cure. Cancer, 1997, 80, 917-928.	4.1	52

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109	Long-term follow-up of late morbidity, cosmetic outcome and body image after breast conserving therapy. A study from the Danish Breast Cancer Cooperative Group (DBCG). Acta OncolÃ³gica, 2013, 52, 259-269.	1.8	51
110	Socioeconomic position and stage at diagnosis of head and neck cancer â€“ a nationwide study from DAHANCA. Acta OncolÃ³gica, 2015, 54, 759-766.	1.8	51
111	Does transfusion improve the outcome for HNSCC patients treated with radiotherapy? â€“ Results from the randomized DAHANCA 5 and 7 trials. Acta OncolÃ³gica, 2011, 50, 1006-1014.	1.8	49
112	The Danish Head and Neck Cancer Group (DAHANCA) 2020 radiotherapy guidelines. Radiotherapy and Oncology, 2020, 151, 149-151.	0.6	49
113	The heat is (still) on â€“ The past and future of hyperthermic radiation oncology. Radiotherapy and Oncology, 2013, 109, 185-187.	0.6	47
114	Factors associated with acute and late dysphagia in the DAHANCA 6 & 7 randomized trial with accelerated radiotherapy for head and neck cancer. Acta OncolÃ³gica, 2013, 52, 1535-1542.	1.8	47
115	Chemotherapy and radiotherapy in locally advanced head and neck cancer: an individual patient data network meta-analysis. Lancet Oncology, The, 2021, 22, 727-736.	10.7	45
116	The Danish Head and Neck Cancer database. Clinical Epidemiology, 2016, Volume 8, 491-496.	3.0	43
117	Local recurrences after curative IMRT for HNSCC: Effect of different GTV to high-dose CTV margins. Radiotherapy and Oncology, 2018, 126, 48-55.	0.6	41
118	Individual patient data meta-analysis of FMISO and FAZA hypoxia PET scans from head and neck cancer patients undergoing definitive radio-chemotherapy. Radiotherapy and Oncology, 2020, 149, 189-196.	0.6	41
119	Squamous Cell Carcinoma of the Oropharynx-An Analysis of Treatment Results in 289 Consecutive Patients. Acta OncolÃ³gica, 2000, 39, 985-994.	1.8	40
120	Supraglottic carcinoma: patterns of failure and salvage treatment after curatively intended radiotherapy in 410 consecutive patients. International Journal of Radiation Oncology Biology Physics, 2002, 53, 948-958.	0.8	40
121	Imaging of Tumor Hypoxia for Radiotherapy: Current Status and Future Directions. Seminars in Nuclear Medicine, 2020, 50, 562-583.	4.6	40
122	Identification of accurate reference genes for RT-qPCR analysis of formalin-fixed paraffin-embedded tissue from primary Non-Small Cell Lung Cancers and brain and lymph node metastases. Lung Cancer, 2013, 81, 180-186.	2.0	38
123	IAEA-HypoX. A randomized multicenter study of the hypoxic radiosensitizer nimorazole concomitant with accelerated radiotherapy in head and neck squamous cell carcinoma. Radiotherapy and Oncology, 2015, 116, 15-20.	0.6	38
124	Failure pattern and salvage treatment after radical treatment of head and neck cancer. Acta OncolÃ³gica, 2016, 55, 625-632.	1.8	38
125	Relative biological effectiveness of carbon ions for tumor control, acute skin damage and late radiation-induced fibrosis in a mouse model. Acta OncolÃ³gica, 2015, 54, 1623-1630.	1.8	37
126	Effect of hyperthermia on the hypoxic fraction in an experimental mammary carcinomain vivo. British Journal of Radiology, 1981, 54, 245-249.	2.2	36

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127	Factors of importance for the development of the step-down heating effect in a C3H mammary carcinomain vivo. International Journal of Hyperthermia, 1987, 3, 79-91.	2.5	36
128	Pattern of failure in 5001 patients treated for glottic squamous cell carcinoma with curative intent â€“ A population based study from the DAHANCA group. Radiotherapy and Oncology, 2016, 118, 257-266.	0.6	36
129	Quality assurance of conventional non-CT-based internal mammary lymph node irradiation in a prospective Danish Breast Cancer Cooperative Group trial: The DBCG-IMN study. Acta OncolÃ³gica, 2013, 52, 1526-1534.	1.8	35
130	Immunohistochemical determination of tumor angiogenesis measured by the maximal microvessel density in human prostate cancer. Apmis, 1998, 106, 463-469.	2.0	34
131	Relationship between the prognostic and predictive value of the intrinsic subtypes and a validated gene profile predictive of loco-regional control and benefit from post-mastectomy radiotherapy in patients with high-risk breast cancer. Acta OncolÃ³gica, 2014, 53, 1337-1346.	1.8	34
132	Internal Mammary Node Irradiation in Patients With Node-Positive Early Breast Cancer: Fifteen-Year Results From the Danish Breast Cancer Group Internal Mammary Node Study. Journal of Clinical Oncology, 2022, 40, 4198-4206.	1.6	34
133	Effect of carboxyhemoglobin on tumor oxygen unloading capacity in patients with squamous cell carcinoma of the head and neck. International Journal of Radiation Oncology Biology Physics, 1992, 22, 407-410.	0.8	33
134	Image-guided adaptive radiotherapy â€“ integration of biology and technology to improve clinical outcome. Acta OncolÃ³gica, 2008, 47, 1182-1185.	1.8	32
135	The value of routine follow-up after treatment for head and neck cancer. A National Survey from DAHANCA. Acta OncolÃ³gica, 2013, 52, 277-284.	1.8	32
136	Compliance and toxicity of the hypoxic radiosensitizer nimorazole in the treatment of patients with head and neck squamous cell carcinoma (HNSCC). Acta OncolÃ³gica, 2014, 53, 654-661.	1.8	32
137	DAHANCA 10 â€“ Effect of darbepoetin alfa and radiotherapy in the treatment of squamous cell carcinoma of the head and neck. A multicenter, open-label, randomized, phase 3 trial by the Danish head and neck cancer group. Radiotherapy and Oncology, 2018, 127, 12-19.	0.6	32
138	The Influence of Repeat Surgery and Residual Disease on Recurrence After Breast-Conserving Surgery: A Danish Breast Cancer Cooperative Group Study. Annals of Surgical Oncology, 2015, 22, 476-485.	1.5	31
139	Importance of overall treatment time for the response to radiotherapy in patients with squamous cell carcinoma of the head and neck. Rays, 2000, 25, 313-9.	0.2	30
140	Importance of margin width in breastâ€conserving treatment of early breast cancer. Journal of Surgical Oncology, 2016, 113, 609-615.	1.7	29
141	APD-Containing Cyclolipodepsipeptides Target Mitochondrial Function in Hypoxic Cancer Cells. Cell Chemical Biology, 2018, 25, 1337-1349.e12.	5.2	27
142	Characterization and radiosensitivity of HPV-related oropharyngeal squamous cell carcinoma patient-derived xenografts. Acta OncolÃ³gica, 2019, 58, 1489-1494.	1.8	27
143	The 5p12 breast cancer susceptibility locus affects MRPS30 expression in estrogenâ€receptor positive tumors. Molecular Oncology, 2014, 8, 273-284.	4.6	26
144	The usability of a 15-gene hypoxia classifier as a universal hypoxia profile in various cancer cell types. Radiotherapy and Oncology, 2015, 116, 346-351.	0.6	26

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145	Tumour Oxygenation Assessed by Polarographic Needle Electrodes and Bioenergetic Status Measured by³¹P Magnetic Resonance Spectroscopy in Human Soft Tissue Tumours. Acta OncolÃ³gica, 1997, 36, 565-571.	1.8	25
146	Audit of the radiotherapy in the DBCG 82 b&c trialsâ€"A validation study of the 1538 patients randomised to postmastectomy radiotherapy. Radiotherapy and Oncology, 2005, 76, 285-292.	0.6	25
147	Scoring and classification of oropharyngeal carcinoma based on HPV-related p16-expression. Radiotherapy and Oncology, 2012, 105, 269-270.	0.6	25
148	Analysis of CT-verified loco-regional recurrences after definitive IMRT for HNSCC using site of origin estimation methods. Acta OncolÃ³gica, 2017, 56, 1554-1561.	1.8	25
149	Repeat FMISO-PET imaging weakly correlates with hypoxia-associated gene expressions for locally advanced HNSCC treated by primary radiochemotherapy. Radiotherapy and Oncology, 2019, 135, 43-50.	0.6	25
150	PET imaging of tumor hypoxia using¹⁸F-labeled pimonidazole. Acta OncolÃ³gica, 2013, 52, 1300-1307.	1.8	24
151	External validation of a normal tissue complication probability model for radiation-induced hypothyroidism in an independent cohort. Acta OncolÃ³gica, 2015, 54, 1301-1309.	1.8	24
152	NTCP model validation method for DAHANCA patient selection of protons versus photons in head and neck cancer radiotherapy. Acta OncolÃ³gica, 2019, 58, 1410-1415.	1.8	24
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154	Biology-guided adaptive radiotherapy (BiGART) â€" more than a vision?. Acta OncolÃ³gica, 2013, 52, 1243-1247.	1.8	23
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