

Cai Grau

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203
papers

9,169
citations

52
h-index

87
g-index

237
ext. papers

11,010
ext. citations

3.1
avg, IF

5.88
L-index

#	Paper	IF	Citations
203	CT-based delineation of lymph node levels and related CTVs in the node-negative neck: DAHANCA, EORTC, GORTEC, NCIC, RTOG consensus guidelines. <i>Radiotherapy and Oncology</i> , 2003 , 69, 227-36	5.3	519
202	Five compared with six fractions per week of conventional radiotherapy of squamous-cell carcinoma of head and neck: DAHANCA 6 and 7 randomised controlled trial. <i>Lancet, The</i> , 2003 , 362, 933-40	40	506
201	Delineation of the neck node levels for head and neck tumors: a 2013 update. DAHANCA, EORTC, HKNPCSG, NCIC CTG, NCRI, RTOG, TROG consensus guidelines. <i>Radiotherapy and Oncology</i> , 2014 , 110, 172-81	5.3	383
200	Phase II study on stereotactic body radiotherapy of colorectal metastases. <i>Acta Oncologica</i> , 2006 , 45, 823-30	3.2	320
199	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. <i>Journal of Clinical Oncology</i> , 2006 , 24, 2268-75	2.2	257
198	Cervical lymph node metastases from unknown primary tumours. Results from a national survey by the Danish Society for Head and Neck Oncology. <i>Radiotherapy and Oncology</i> , 2000 , 55, 121-9	5.3	252
197	CT-based delineation of organs at risk in the head and neck region: DAHANCA, EORTC, GORTEC, HKNPCSG, NCIC CTG, NCRI, NRG Oncology and TROG consensus guidelines. <i>Radiotherapy and Oncology</i> , 2015 , 117, 83-90	5.3	244
196	Late swallowing dysfunction and dysphagia after radiotherapy for pharynx cancer: frequency, intensity and correlation with dose and volume parameters. <i>Radiotherapy and Oncology</i> , 2007 , 85, 74-82	5.3	192
195	Role of radiotherapy fractionation in head and neck cancers (MARCH): an updated meta-analysis. <i>Lancet Oncology, The</i> , 2017 , 18, 1221-1237	21.7	156
194	The influence of HPV-associated p16-expression on accelerated fractionated radiotherapy in head and neck cancer: evaluation of the randomised DAHANCA 6&7 trial. <i>Radiotherapy and Oncology</i> , 2011 , 100, 49-55	5.3	154
193	Chemical radioprotection: a critical review of amifostine as a cytoprotector in radiotherapy. <i>Seminars in Radiation Oncology</i> , 2003 , 13, 62-72	5.5	144
192	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, SOMERA, SRO, SSHNO, TROG consensus guidelines. <i>Radiotherapy and Oncology</i> , 2018 , 126, 3-24	5.3	134
191	Prospective study of 18FDG-PET in the detection and management of patients with lymph node metastases to the neck from an unknown primary tumor. Results from the DAHANCA-13 study. <i>Head and Neck</i> , 2008 , 30, 471-8	4.2	121
190	Cancer of the nasal cavity and paranasal sinuses. A clinico-pathological study of 277 patients. <i>Acta Oncologica</i> , 1997 , 36, 45-50	3.2	115
189	Radiotherapy equipment and departments in the European countries: final results from the ESTRO-HERO survey. <i>Radiotherapy and Oncology</i> , 2014 , 112, 155-64	5.3	109
188	Sensori-neural hearing loss after radiotherapy for nasopharyngeal carcinoma: individualized risk estimation. <i>Radiotherapy and Oncology</i> , 2002 , 65, 9-16	5.3	106
187	International guideline for the delineation of the clinical target volumes (CTV) for nasopharyngeal carcinoma. <i>Radiotherapy and Oncology</i> , 2018 , 126, 25-36	5.3	105

186	Loco-regional recurrence after mastectomy in high-risk breast cancer--risk and prognosis. An analysis of patients from the DBCG 82 b&c randomization trials. <i>Radiotherapy and Oncology</i> , 2006 , 79, 147-55	5.3	99
185	Late dysphagia after IMRT for head and neck cancer and correlation with dose-volume parameters. <i>Radiotherapy and Oncology</i> , 2013 , 107, 288-94	5.3	95
184	Sensori-neural hearing loss in patients treated with irradiation for nasopharyngeal carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 1991 , 21, 723-8	4	94
183	The optimal utilization proportion of external beam radiotherapy in European countries: An ESTRO-HERO analysis. <i>Radiotherapy and Oncology</i> , 2015 , 116, 38-44	5.3	93
182	The relationship between observer-based toxicity scoring and patient assessed symptom severity after treatment for head and neck cancer. A correlative cross sectional study of the DAHANCA toxicity scoring system and the EORTC quality of life questionnaires. <i>Radiotherapy and Oncology</i> , 2006 , 78, 298-305	5.3	91
181	Five versus six fractions of radiotherapy per week for squamous-cell carcinoma of the head and neck (IAEA-ACC study): a randomised, multicentre trial. <i>Lancet Oncology</i> , 2010 , 11, 553-60	21.7	90
180	Effect of smoking on oxygen delivery and outcome in patients treated with radiotherapy for head and neck squamous cell carcinoma--a prospective study. <i>Radiotherapy and Oncology</i> , 2012 , 103, 38-44	5.3	86
179	Co-morbidity index predicts for mortality after stereotactic body radiotherapy for medically inoperable early-stage non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2009 , 93, 402-7	5.3	84
178	Adaptive management of cervical cancer radiotherapy. <i>Seminars in Radiation Oncology</i> , 2010 , 20, 121-9	5.5	83
177	Has the outlook improved for amifostine as a clinical radioprotector?. <i>Radiotherapy and Oncology</i> , 2000 , 57, 113-8	5.3	81
176	Glottic carcinoma--patterns of failure and salvage treatment after curative radiotherapy in 861 consecutive patients. <i>Radiotherapy and Oncology</i> , 2002 , 63, 257-67	5.3	77
175	How many new cancer patients in Europe will require radiotherapy by 2025? An ESTRO-HERO analysis. <i>Radiotherapy and Oncology</i> , 2016 , 119, 5-11	5.3	76
174	Salvage laryngectomy and pharyngocutaneous fistulae after primary radiotherapy for head and neck cancer: a national survey from DAHANCA. <i>Head and Neck</i> , 2003 , 25, 711-6	4.2	73
173	Effect of cancer chemotherapy on the hypoxic fraction of a solid tumor measured using a local tumor control assay. <i>Radiotherapy and Oncology</i> , 1988 , 13, 301-9	5.3	73
172	Prospective study on stereotactic radiotherapy of limited-stage non-small-cell lung cancer. <i>International Journal of Radiation Oncology Biology Physics</i> , 2006 , 66, S128-S135	4	70
171	Hypopharyngeal squamous cell carcinoma--treatment results in 138 consecutively admitted patients. <i>Acta Oncologica</i> , 2000 , 39, 529-36	3.2	70
170	Relationship between radiobiological hypoxia in tumors and electrode measurements of tumor oxygenation. <i>International Journal of Radiation Oncology Biology Physics</i> , 1994 , 29, 439-42	4	68
169	Improving the radiation response in a C3H mouse mammary carcinoma by normobaric oxygen or carbogen breathing. <i>International Journal of Radiation Oncology Biology Physics</i> , 1992 , 22, 415-9	4	68

168	Daily kV cone-beam CT and deformable image registration as a method for studying dosimetric consequences of anatomic changes in adaptive IMRT of head and neck cancer. <i>Acta Oncologica</i> , 2010 , 49, 1101-8	3.2	67
167	Evaluation of objective measures of smoking status--a prospective clinical study in a group of head and neck cancer patients treated with radiotherapy. <i>Acta Oncologica</i> , 2003 , 42, 154-9	3.2	67
166	Relationship between radiobiological hypoxia and direct estimates of tumour oxygenation in a mouse tumour model. <i>Radiotherapy and Oncology</i> , 1993 , 28, 69-71	5.3	67
165	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. <i>Radiotherapy and Oncology</i> , 2012 , 103, 69-75	5.3	66
164	Sino-nasal cancer in Denmark 1982-1991--a nationwide survey. <i>Acta Oncologica</i> , 2001 , 40, 19-23	3.2	65
163	Radiotherapy staffing in the European countries: final results from the ESTRO-HERO survey. <i>Radiotherapy and Oncology</i> , 2014 , 112, 178-86	5.3	63
162	Creating a data exchange strategy for radiotherapy research: towards federated databases and anonymised public datasets. <i>Radiotherapy and Oncology</i> , 2014 , 113, 303-9	5.3	62
161	Carcinoma of the nasal cavity and paranasal sinuses in Denmark 1995-2004. <i>Acta Oncologica</i> , 2010 , 49, 389-94	3.2	62
160	Postirradiation sensorineural hearing loss: a common but ignored late radiation complication. <i>International Journal of Radiation Oncology Biology Physics</i> , 1996 , 36, 515-7	4	61
159	Selection of lymph node target volumes for definitive head and neck radiation therapy: a 2019 Update. <i>Radiotherapy and Oncology</i> , 2019 , 134, 1-9	5.3	59
158	Cancer of the external auditory canal and middle ear in Denmark from 1992 to 2001. <i>Head and Neck</i> , 2008 , 30, 1332-8	4.2	58
157	Prophylactic Swallowing Exercises in Head and Neck Cancer Radiotherapy. <i>Dysphagia</i> , 2015 , 30, 304-14	3.7	54
156	Health economics in radiation oncology: introducing the ESTRO HERO project. <i>Radiotherapy and Oncology</i> , 2012 , 103, 109-12	5.3	54
155	Morbidity after ipsilateral radiotherapy for oropharyngeal cancer. <i>Radiotherapy and Oncology</i> , 2007 , 85, 90-7	5.3	54
154	Radiotherapy with or without mitomycin c in the treatment of locally advanced head and neck cancer: results of the IAEA multicentre randomised trial. <i>Radiotherapy and Oncology</i> , 2003 , 67, 17-26	5.3	54
153	The impact of cancer incidence and stage on optimal utilization of radiotherapy: Methodology of a population based analysis by the ESTRO-HERO project. <i>Radiotherapy and Oncology</i> , 2015 , 116, 45-50	5.3	53
152	The importance of haemoglobin level and effect of transfusion in HNSCC patients treated with radiotherapy--results from the randomized DAHANCA 5 study. <i>Radiotherapy and Oncology</i> , 2011 , 98, 28-33	5.3	52
151	Fear of cancer recurrence and unmet needs among breast cancer survivors in the first five years. A cross-sectional study. <i>Acta Oncologica</i> , 2017 , 56, 314-320	3.2	51

150	Waiting times for diagnosis and treatment of head and neck cancer in Denmark in 2010 compared to 1992 and 2002. <i>European Journal of Cancer</i> , 2013 , 49, 1627-33	7.5	51
149	Smoking has a negative impact upon health related quality of life after treatment for head and neck cancer. <i>Oral Oncology</i> , 2007 , 43, 187-92	4.4	51
148	Patient assessed symptoms are poor predictors of objective findings. Results from a cross sectional study in patients treated with radiotherapy for pharyngeal cancer. <i>Acta Oncologica</i> , 2007 , 46, 1159-68	3.2	51
147	International Guideline on Dose Prioritization and Acceptance Criteria in Radiation Therapy Planning for Nasopharyngeal Carcinoma. <i>International Journal of Radiation Oncology Biology Physics</i> , 2019 , 105, 567-580	4	48
146	Does transfusion improve the outcome for HNSCC patients treated with radiotherapy? - results from the randomized DAHANCA 5 and 7 trials. <i>Acta Oncologica</i> , 2011 , 50, 1006-14	3.2	45
145	Guidelines for equipment and staffing of radiotherapy facilities in the European countries: final results of the ESTRO-HERO survey. <i>Radiotherapy and Oncology</i> , 2014 , 112, 165-77	5.3	44
144	Dose painting: art or science?. <i>Radiotherapy and Oncology</i> , 2006 , 79, 245-8	5.3	44
143	Evaluation of image quality for different kV cone-beam CT acquisition and reconstruction methods in the head and neck region. <i>Acta Oncologica</i> , 2011 , 50, 908-17	3.2	42
142	Inclusion of functional information from perfusion SPECT improves predictive value of dose-volume parameters in lung toxicity outcome after radiotherapy for non-small cell lung cancer: A prospective study. <i>Radiotherapy and Oncology</i> , 2015 , 117, 9-16	5.3	41
141	Aspiration pneumonia in patients treated with radiotherapy for head and neck cancer. <i>Acta Oncologica</i> , 2013 , 52, 270-6	3.2	41
140	Normal liver tissue sparing by intensity-modulated proton stereotactic body radiotherapy for solitary liver tumours. <i>Acta Oncologica</i> , 2011 , 50, 823-8	3.2	41
139	Kilovoltage intrafraction motion monitoring and target dose reconstruction for stereotactic volumetric modulated arc therapy of tumors in the liver. <i>Radiotherapy and Oncology</i> , 2014 , 111, 424-30	5.3	40
138	A study of image-guided radiotherapy of bladder cancer based on lipiodol injection in the bladder wall. <i>Acta Oncologica</i> , 2010 , 49, 1109-15	3.2	40
137	Respiratory gating based on internal electromagnetic motion monitoring during stereotactic liver radiation therapy: First results. <i>Acta Oncologica</i> , 2015 , 54, 1445-52	3.2	39
136	Squamous cell carcinoma of the nasal vestibule 1993-2002: a nationwide retrospective study from DAHANCA. <i>Head and Neck</i> , 2009 , 31, 1593-9	4.2	39
135	Squamous cell carcinoma of the oropharynx--an analysis of treatment results in 289 consecutive patients. <i>Acta Oncologica</i> , 2000 , 39, 985-94	3.2	39
134	Factors associated with acute and late dysphagia in the DAHANCA 6 & 7 randomized trial with accelerated radiotherapy for head and neck cancer. <i>Acta Oncologica</i> , 2013 , 52, 1535-42	3.2	38
133	Virtual reality in radiation therapy training. <i>Surgical Oncology</i> , 2011 , 20, 185-8	2.5	36

132	Reduction in waiting time for diagnosis and treatment of head and neck cancer - a fast track study. <i>Acta Oncologica</i> , 2011 , 50, 636-41	3.2	36
131	Supraglottic carcinoma: patterns of failure and salvage treatment after curatively intended radiotherapy in 410 consecutive patients. <i>International Journal of Radiation Oncology Biology Physics</i> , 2002 , 53, 948-58	4	36
130	Influence of carboxyhemoglobin level on tumor growth, blood flow, and radiation response in an experimental model. <i>International Journal of Radiation Oncology Biology Physics</i> , 1992 , 22, 421-4	4	36
129	Electromagnetic guided couch and multileaf collimator tracking on a TrueBeam accelerator. <i>Medical Physics</i> , 2016 , 43, 2387	4.4	36
128	Degradation of target coverage due to inter-fraction motion during intensity-modulated proton therapy of prostate and elective targets. <i>Acta Oncologica</i> , 2013 , 52, 521-7	3.2	35
127	Changes from 1992 to 2002 in the pretreatment delay for patients with squamous cell carcinoma of larynx or pharynx: a Danish nationwide survey from DAHANCA. <i>Acta Oncologica</i> , 2006 , 45, 156-61	3.2	34
126	Laryngeal carcinoma--multivariate analysis of prognostic factors in 1252 consecutive patients treated with primary radiotherapy. <i>Acta Oncologica</i> , 2003 , 42, 771-8	3.2	34
125	Randomized trial of opioids versus tricyclic antidepressants for radiation-induced mucositis pain in head and neck cancer. <i>Acta Oncologica</i> , 2001 , 40, 745-50	3.2	34
124	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
123	Robust automatic segmentation of multiple implanted cylindrical gold fiducial markers in cone-beam CT projections. <i>Medical Physics</i> , 2011 , 38, 6351-61	4.4	33
122	A cross sectional quality of life study of 116 recurrence free head and neck cancer patients. The first use of EORTC H&N35 in Danish. <i>Acta Oncologica</i> , 2006 , 45, 28-37	3.2	33
121	Histopathologic parameters in the evaluation of T1 squamous cell carcinomas of the oral cavity. <i>Head and Neck</i> , 2002 , 24, 656-60	4.2	32
120	IAEA-HypoX. A randomized multicenter study of the hypoxic radiosensitizer nimorazole concomitant with accelerated radiotherapy in head and neck squamous cell carcinoma. <i>Radiotherapy and Oncology</i> , 2015 , 116, 15-20	5.3	31
119	The normal tissue sparing obtained with simultaneous treatment of pelvic lymph nodes and bladder using intensity-modulated radiotherapy. <i>Acta Oncologica</i> , 2009 , 48, 238-44	3.2	31
118	Aggravation of dyspnea in stage I non-small cell lung cancer patients following stereotactic body radiotherapy: Is there a dose-volume dependency?. <i>Acta Oncologica</i> , 2006 , 45, 818-22	3.2	31
117	¹¹ C-methionine PET, a novel method for measuring regional salivary gland function after radiotherapy of head and neck cancer. <i>Radiotherapy and Oncology</i> , 2004 , 73, 289-96	5.3	29
116	A Prospective Cohort Study of Gated Stereotactic Liver Radiation Therapy Using Continuous Internal Electromagnetic Motion Monitoring. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 101, 366-375	4	28
115	Consequences of introducing geometric GTV to CTV margin expansion in DAHANCA contouring guidelines for head and neck radiotherapy. <i>Radiotherapy and Oncology</i> , 2018 , 126, 43-47	5.3	28

114	Particle therapy in Europe. <i>Molecular Oncology</i> , 2020 , 14, 1492-1499	7.9	27
113	Residual rotational set-up errors after daily cone-beam CT image guided radiotherapy of locally advanced cervical cancer. <i>Radiotherapy and Oncology</i> , 2012 , 105, 220-5	5.3	26
112	Relationship between tumour oxygenation, bioenergetic status and radiobiological hypoxia in an experimental model. <i>Acta Oncologica</i> , 1995 , 34, 329-34	3.2	26
111	Effect of carbon monoxide breathing on hypoxia and radiation response in the SCCVII tumor in vivo. <i>International Journal of Radiation Oncology Biology Physics</i> , 1994 , 29, 449-54	4	26
110	The Influence of Radiation Dose on the Magnitude and Kinetics of Reoxygenation in a C3H Mammary Carcinoma. <i>Radiation Research</i> , 1990 , 122, 309	3.1	26
109	Importance of overall treatment time for the response to radiotherapy in patients with squamous cell carcinoma of the head and neck. <i>Rays</i> , 2000 , 25, 313-9		26
108	Profile of European proton and carbon ion therapy centers assessed by the EORTC facility questionnaire. <i>Radiotherapy and Oncology</i> , 2017 , 124, 185-189	5.3	25
107	Individual radiation response of parotid glands investigated by dynamic 11C-methionine PET. <i>Radiotherapy and Oncology</i> , 2006 , 78, 262-9	5.3	25
106	Cone-beam computed tomography (CBCT) for adaptive image guided head and neck radiation therapy. <i>Acta Oncologica</i> , 2018 , 57, 552-556	3.2	25
105	The Danish national guidelines for treatment of oral squamous cell carcinoma. <i>Acta Oncologica</i> , 2006 , 45, 294-9	3.2	24
104	Cost evaluations of radiotherapy: What do we know? An ESTRO-HERO analysis. <i>Radiotherapy and Oncology</i> , 2016 , 121, 468-474	5.3	24
103	Target volume selection and delineation (T and N) for primary radiation treatment of oral cavity, oropharyngeal, hypopharyngeal and laryngeal squamous cell carcinoma. <i>Oral Oncology</i> , 2018 , 87, 131-137	4.4	24
102	Development of radiation pneumopathy and generalised radiological changes after radiotherapy are independent negative prognostic factors for survival in non-small cell lung cancer patients. <i>Radiotherapy and Oncology</i> , 2013 , 107, 382-8	5.3	23
101	Detection of hypoxic cells in a C3H mouse mammary carcinoma using the comet assay. <i>British Journal of Cancer</i> , 1997 , 76, 694-9	8.7	23
100	Towards an evidence-informed value scale for surgical and radiation oncology: a multi-stakeholder perspective. <i>Lancet Oncology, The</i> , 2019 , 20, e112-e123	21.7	23
99	Local recurrences after curative IMRT for HNSCC: Effect of different GTV to high-dose CTV margins. <i>Radiotherapy and Oncology</i> , 2018 , 126, 48-55	5.3	22
98	Time-resolved dose distributions to moving targets during volumetric modulated arc therapy with and without dynamic MLC tracking. <i>Medical Physics</i> , 2013 , 40, 111723	4.4	22
97	The value of routine follow-up after treatment for head and neck cancer. A national survey from DAHANCA. <i>Acta Oncologica</i> , 2013 , 52, 277-84	3.2	21

96	Imaging of normal lung, liver and parotid gland function for radiotherapy. <i>Acta Oncologica</i> , 2010 , 49, 997-1011	3.2	21
95	Salvage laryngectomy after primary radiotherapy: what are prognostic factors for the development of pharyngocutaneous fistulae?. <i>Otolaryngology - Head and Neck Surgery</i> , 2011 , 144, 5-9	5.5	21
94	Post-mastectomy radiotherapy in Denmark: from 2D to 3D treatment planning guidelines of The Danish Breast Cancer Cooperative Group. <i>Acta Oncologica</i> , 2008 , 47, 654-61	3.2	21
93	The relationship between carbon monoxide breathing, tumour oxygenation and local tumour control in the C3H mammary carcinoma in vivo. <i>British Journal of Cancer</i> , 1994 , 69, 50-7	8.7	21
92	Audit of the radiotherapy in the DBCG 82 b&c trials--a validation study of the 1,538 patients randomised to postmastectomy radiotherapy. <i>Radiotherapy and Oncology</i> , 2005 , 76, 285-92	5.3	20
91	The need for radiotherapy in Europe in 2020: Not only data but also a cancer plan. <i>Acta Oncologica</i> , 2015 , 54, 1268-74	3.2	19
90	Quality assurance of radiation therapy for head and neck cancer patients treated in DAHANCA 10 randomized trial. <i>Acta Oncologica</i> , 2015 , 54, 1669-73	3.2	19
89	HERO (Health Economics in Radiation Oncology): a pan-European project on radiotherapy resources and needs. <i>Clinical Oncology</i> , 2015 , 27, 115-24	2.8	19
88	Provision and use of radiotherapy in Europe. <i>Molecular Oncology</i> , 2020 , 14, 1461-1469	7.9	19
87	Fast motion-including dose error reconstruction for VMAT with and without MLC tracking. <i>Physics in Medicine and Biology</i> , 2014 , 59, 7279-96	3.8	19
86	Adherence to disease-modifying therapies in spanish patients with relapsing multiple sclerosis: two-year interim results of the global adherence project. <i>European Neurology</i> , 2011 , 65, 59-67	2.1	19
85	Effect of etoposide, carmustine, vincristine, 5-fluorouracil, or methotrexate on radiobiologically oxic and hypoxic cells in a C3H mouse mammary carcinoma in situ. <i>Cancer Chemotherapy and Pharmacology</i> , 1992 , 30, 277-80	3.5	19
84	How public health services pay for radiotherapy in Europe: an ESTRO-HERO analysis of reimbursement. <i>Lancet Oncology, The</i> , 2020 , 21, e42-e54	21.7	19
83	Failure pattern and salvage treatment after radical treatment of head and neck cancer. <i>Acta Oncologica</i> , 2016 , 55, 625-32	3.2	19
82	Cost calculation: a necessary step towards widespread adoption of advanced radiotherapy technology. <i>Acta Oncologica</i> , 2015 , 54, 1275-81	3.2	18
81	A learning programme qualifying radiation therapists to manage daily online adaptive radiotherapy. <i>Acta Oncologica</i> , 2015 , 54, 1697-701	3.2	18
80	Comparison of single and dual energy CT for stopping power determination in proton therapy of head and neck cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2018 , 6, 14-19	3.1	17
79	National costs and resource requirements of external beam radiotherapy: A time-driven activity-based costing model from the ESTRO-HERO project. <i>Radiotherapy and Oncology</i> , 2019 , 138, 187-194	5.4	17

78	The normal tissue sparing potential of adaptive strategies in radiotherapy of bladder cancer. <i>Acta Oncologica</i> , 2008 , 47, 1382-9	3.2	17
77	DAHANCA 10 - 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. <i>Radiotherapy and Oncology</i> , 2018 , 127, 12-19	5.3	16
76	Squamous cell carcinoma of the nasopharynx--an analysis of treatment results in 149 consecutive patients. <i>Acta Oncologica</i> , 2001 , 40, 801-9	3.2	16
75	Cytotoxic effect of misonidazole and cyclophosphamide on aerobic and hypoxic cells in a C3H mammary carcinoma in vivo. <i>British Journal of Cancer</i> , 1990 , 61, 61-4	8.7	16
74	The potential of using hyperthermia to eliminate radioresistant hypoxic cells. <i>Radiotherapy and Oncology</i> , 1991 , 20 Suppl 1, 113-6	5.3	16
73	A longitudinal study of follow-up activities after curative treatment for head and neck cancer. <i>Acta Oncologica</i> , 2015 , 54, 813-9	3.2	15
72	A decision analysis of the effect of avoiding axillary lymph node dissection in low risk women with invasive breast carcinoma 2000 , 88, 1852-1862		15
71	Auditory brain stem responses in patients after radiation therapy for nasopharyngeal carcinoma. <i>Cancer</i> , 1992 , 70, 2396-401	6.4	15
70	Loss of lung function after chemo-radiotherapy for NSCLC measured by perfusion SPECT/CT: Correlation with radiation dose and clinical morbidity. <i>Acta Oncologica</i> , 2015 , 54, 1350-4	3.2	14
69	Accuracy of software-assisted contour propagation from planning CT to cone beam CT in head and neck radiotherapy. <i>Acta Oncologica</i> , 2016 , 55, 1324-1330	3.2	14
68	Prospective data registration and clinical trials for particle therapy in Europe. <i>Radiotherapy and Oncology</i> , 2018 , 128, 9-13	5.3	14
67	Analysis of CT-verified loco-regional recurrences after definitive IMRT for HNSCC using site of origin estimation methods. <i>Acta Oncologica</i> , 2017 , 56, 1554-1561	3.2	14
66	Repopulation in the SCCVII squamous cell carcinoma assessed by an in vivo-in vitro excision assay. <i>Radiotherapy and Oncology</i> , 1996 , 39, 137-44	5.3	14
65	Direct estimation of the fraction of hypoxic cells from tumour--control data obtained under aerobic and clamped conditions. <i>International Journal of Radiation Biology</i> , 1991 , 59, 1435-40	2.9	14
64	Real-time segmentation of multiple implanted cylindrical liver markers in kilovoltage and megavoltage x-ray images. <i>Physics in Medicine and Biology</i> , 2014 , 59, 2787-800	3.8	13
63	The impact of CBCT reconstruction and calibration for radiotherapy planning in the head and neck region - a phantom study. <i>Acta Oncologica</i> , 2014 , 53, 1114-24	3.2	13
62	Radiosensitizing and cytotoxic properties of mitomycin C in a C3H mouse mammary carcinoma in vivo. <i>International Journal of Radiation Oncology Biology Physics</i> , 1991 , 20, 265-9	4	13
61	Open source deformable image registration system for treatment planning and recurrence CT scans : Validation in the head and neck region. <i>Strahlentherapie Und Onkologie</i> , 2016 , 192, 545-51	4.3	13

60	NTCP model validation method for DAHANCA patient selection of protons versus photons in head and neck cancer radiotherapy. <i>Acta Oncologica</i> , 2019 , 58, 1410-1415	3.2	12
59	Time-resolved dose reconstruction by motion encoding of volumetric modulated arc therapy fields delivered with and without dynamic multi-leaf collimator tracking. <i>Acta Oncologica</i> , 2013 , 52, 1497-503	3.2	12
58	Nodal control and surgical salvage after primary radiotherapy in 1782 patients with laryngeal and pharyngeal carcinoma. <i>Acta Oncologica</i> , 2004 , 43, 486-94	3.2	12
57	Radiological imaging of the neck for initial decision-making in oral squamous cell carcinomas--a questionnaire survey in the Nordic countries. <i>Acta Oncologica</i> , 2012 , 51, 355-61	3.2	11
56	Time and dose-related changes in lung perfusion after definitive radiotherapy for NSCLC. <i>Radiotherapy and Oncology</i> , 2018 , 126, 307-311	5.3	11
55	Role of perfusion SPECT in prediction and measurement of pulmonary complications after radiotherapy for lung cancer. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2015 , 42, 1315-24	8.8	10
54	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
53	Dose optimisation in single plane interstitial brachytherapy. <i>Radiotherapy and Oncology</i> , 2006 , 81, 105-113	5.3	9
52	The changing role of radiation oncology professionals in a world of AI - Just jobs lost - Or a solution to the under-provision of radiotherapy?. <i>Clinical and Translational Radiation Oncology</i> , 2021 , 26, 104-107	4.6	9
51	Women with breast cancer report substantially more disease- and treatment-related side or late effects than registered by clinical oncologists: a cross-sectional study of a standard follow-up program in an oncological department. <i>Breast Cancer Research and Treatment</i> , 2017 , 164, 727-736	4.4	8
50	Bringing Europe together in building clinical evidence for proton therapy - the EPTN-ESTRO-EORTC endeavor. <i>Acta Oncologica</i> , 2019 , 58, 1340-1342	3.2	8
49	Radiotherapy capacity in Europe. <i>Lancet Oncology, The</i> , 2013 , 14, e196-8	21.7	8
48	Reoxygenation in a C3H mouse mammary carcinoma. The importance of chronic rather than acute hypoxia. <i>Acta Oncologica</i> , 1995 , 34, 325-8	3.2	8
47	Simulated multileaf collimator tracking for stereotactic liver radiotherapy guided by kilovoltage intrafraction monitoring: Dosimetric gain and target overdose trends. <i>Radiotherapy and Oncology</i> , 2020 , 144, 93-100	5.3	8
46	Technical Note: Improving proton stopping power ratio determination for a deformable silicone-based 3D dosimeter using dual energy CT. <i>Medical Physics</i> , 2016 , 43, 2780-2784	4.4	8
45	The European Organisation for Research and Treatment of Cancer, State of Science in radiation oncology and priorities for clinical trials meeting report. <i>European Journal of Cancer</i> , 2020 , 131, 76-88	7.5	8
44	Estimating the number of fractions by tumour site for European countries in 2012 and 2025: An ESTRO-HERO analysis. <i>Radiotherapy and Oncology</i> , 2018 , 126, 198-204	5.3	8
43	GPU accelerated viscous-fluid deformable registration for radiotherapy. <i>Studies in Health Technology and Informatics</i> , 2008 , 132, 327-32	0.5	8

42	Estudio global de adherencia a los tratamientos inmunomoduladores en pacientes con esclerosis múltiple remitente recidivante: resultados a 2 años. <i>Neurología</i> , 2010 , 25, 435-442	1.4	7
41	A simple method to test if the internal mammary lymph nodes are covered by the wide tangent technique in radiotherapy for high-risk breast cancer. <i>Clinical Oncology</i> , 2003 , 15, 17-24	2.8	7
40	In vivo validation and tissue sparing factor for acute damage of pencil beam scanning proton FLASH.. <i>Radiotherapy and Oncology</i> , 2021 ,	5.3	7
39	Access to radiotherapy among circumpolar Inuit populations. <i>Lancet Oncology</i> , 2019 , 20, e590-e600	21.7	6
38	Effect of step-down heating on the interaction between heat and radiation in a C3H mammary carcinoma in vivo. <i>International Journal of Radiation Biology</i> , 1991 , 60, 707-21	2.9	6
37	Imaging for Target Delineation in Head and Neck Cancer Radiotherapy. <i>Seminars in Nuclear Medicine</i> , 2021 , 51, 59-67	5.4	6
36	Measurement of pO ₂ in a murine tumour and its correlation with hypoxic fraction. <i>Advances in Experimental Medicine and Biology</i> , 1994 , 345, 493-500	3.6	6
35	Head and neck cancer management in the Nordic countries: an effort to harmonize treatment. <i>European Archives of Oto-Rhino-Laryngology</i> , 2017 , 274, 2363-2365	3.5	5
34	Patient-reported lung symptoms and quality of life before and after radiation therapy for non-small cell lung cancer: correlation with radiation pneumonitis and functional imaging. <i>Acta Oncologica</i> , 2019 , 58, 1523-1527	3.2	5
33	Critical review and quality-assessment of cost analyses in radiotherapy: How reliable are the data?. <i>Radiotherapy and Oncology</i> , 2019 , 141, 14-26	5.3	5
32	IMRT - Biomarkers for dose escalation, dose de-escalation and personalized medicine in radiotherapy for head and neck cancer. <i>Oral Oncology</i> , 2018 , 86, 91-99	4.4	5
31	Value-based health care - what does it mean for radiotherapy?. <i>Acta Oncologica</i> , 2019 , 58, 1328-1332	3.2	4
30	Examining geographic accessibility to radiotherapy in Canada and Greenland for indigenous populations: Measuring inequities to inform solutions. <i>Radiotherapy and Oncology</i> , 2020 , 146, 1-8	5.3	3
29	Dose-Response Modifiers in Radiation Therapy 2016 , 51-62.e3		3
28	Rethink radiotherapy - BIGART 2017. <i>Acta Oncologica</i> , 2017 , 56, 1341-1352	3.2	3
27	Comparison of two T-classification systems for sino-nasal carcinoma. <i>Clinical Otolaryngology</i> , 2002 , 27, 254-9		3
26	The in vivo interaction between vincristine and radiation in a C3H mammary carcinoma and the feet of CDF1 mice. <i>International Journal of Radiation Oncology Biology Physics</i> , 1994 , 30, 1141-6	4	3
25	A multidimensional cohort study of late toxicity after intensity modulated radiotherapy for sinonasal cancer. <i>Radiotherapy and Oncology</i> , 2020 , 151, 58-65	5.3	3

24	Value-based radiotherapy: A new chapter of the ESTRO-HERO project. <i>Radiotherapy and Oncology</i> , 2021 , 160, 236-239	5.3	3
23	What is the most effective treatment for head and neck squamous cell carcinoma? An individual patient data network meta-analysis from the MACH-NC and MARCH collaborative groups. <i>European Journal of Cancer</i> , 2017 , 72, S101-S102	7.5	2
22	Mapping the Future of Particle Radiobiology in Europe: The INSPIRE Project. <i>Frontiers in Physics</i> , 2020 , 8,	3.9	2
21	Assessing the Gap Between Evidence Based Indications for Radiotherapy and Actual Practice in European Countries. <i>Value in Health</i> , 2015 , 18, A481-A482	3.3	2
20	The in vivo response of a C3H mammary carcinoma to treatment with misonidazole, cyclophosphamide and radiation. <i>Acta Oncologica</i> , 1990 , 29, 769-74	3.2	2
19	Radiotherapy quality assurance of the IAEA-HypoX trial of the accelerated radiotherapy in the treatment of head and neck squamous cell carcinoma with or without the hypoxic radiosensitizer nimorazole. <i>Acta Oncologica</i> , 2015 , 54, 1673-7	3.2	1
18	Dose-Response Modifiers in Radiation Therapy 2012 , 53-64		1
17	Adaptive Image-Guided Radiotherapy for Head and Neck Cancer. <i>Medical Radiology</i> , 2009 , 183-190	0.2	1
16	ESMO-MCBS: setting the record straight - AuthorsPreply. <i>Lancet Oncology, The</i> , 2019 , 20, e193	21.7	0
15	BIGART 2019 - adapting to the future. <i>Acta Oncologica</i> , 2019 , 58, 1323-1327	3.2	0
14	Oral complications of radiotherapy in head and neck cancer. <i>American Journal of Cancer</i> , 2004 , 3, 291-298		0
13	Ongoing and future clinical trials in particle therapy in the Nordic countries. <i>Acta Oncologica</i> , 2020 , 59, 1145-1150	3.2	0
12	Personal innovative approach in radiation therapy of lung cancer- functional lung avoidance SPECT-guided (ASPECT) radiation therapy: a study protocol for phase II randomised double-blind clinical trial. <i>BMC Cancer</i> , 2021 , 21, 940	4.8	0
11	In reply to "A Long-Awaited Guideline for the Delineation of Primary Tumor in Head and Neck Cancer, and a Few Concerns about It" by Sezin Yuce Sari et al. <i>Radiotherapy and Oncology</i> , 2018 , 127, 508	5.3	
10	In Regard to Beadle and Anderson. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018 , 102, 229-230		4
9	Cervical Lymph Node Metastases from Unknown Primary Tumors. <i>Medical Radiology</i> , 2009 , 125-132	0.2	
8	Target coverage and local recurrences after radiotherapy for sinonasal cancer in Denmark 2008-2015. A DAHANCA study.. <i>Acta Oncologica</i> , 2022 , 1-7	3.2	
7	Comments on the Publication by Corkum et'al on "Does 5 + 5 mm Equal Better Radiation Treatment Plans in Head and Neck Cancers?". <i>Advances in Radiation Oncology</i> , 2020 , 5, 140-141	3.3	

6 Particle Therapy Clinical Trials **2018**, 181-192

5 Principles of radiotherapy108-123

4 Principles of Radiotherapy108-123

3 Measuring and Reporting Toxicity. *Medical Radiology*, **2009**, 251-258 0.2

2 Improved proton stopping power ratio estimation for a deformable 3D dosimeter using Dual Energy CT. *Radiotherapy and Oncology*, **2016**, 118, S99-S100 5.3

1 Reply to Laprie A. et al. *Radiotherapy and Oncology*, **2019**, 130, 194 5.3