

Coen Hurkmans

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,352
citations

516710

16
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

3136
citing authors

#	ARTICLE	IF	CITATIONS
1	Stereotactic ablative radiotherapy versus lobectomy for operable stage I non-small-cell lung cancer: a pooled analysis of two randomised trials. <i>Lancet Oncology</i> , The, 2015, 16, 630-637.	10.7	1,220
2	ESTRO ACROP consensus guideline on implementation and practice of stereotactic body radiotherapy for peripherally located early stage non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2017, 124, 11-17.	0.6	230
3	ESTRO ACROP guidelines for target volume definition in the treatment of locally advanced non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2018, 127, 1-5.	0.6	141
4	American Association of Physicists in Medicine Task Group 263: Standardizing Nomenclatures in Radiation Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2018, 100, 1057-1066.	0.8	140
5	Creating a data exchange strategy for radiotherapy research: Towards federated databases and anonymised public datasets. <i>Radiotherapy and Oncology</i> , 2014, 113, 303-309.	0.6	79
6	Management of radiotherapy patients with implanted cardiac pacemakers and defibrillators: A Report of the AAPM TGâ€203^{â€}. <i>Medical Physics</i> , 2019, 46, e757-e788.	3.0	77
7	Standardizing Naming Conventions in Radiation Oncology. <i>International Journal of Radiation Oncology Biology Physics</i> , 2012, 83, 1344-1349.	0.8	73
8	Significance of breast boost volume changes during radiotherapy in relation to current clinical interobserver variations. <i>Radiotherapy and Oncology</i> , 2009, 90, 60-65.	0.6	53
9	LINAC based stereotactic radiosurgery for multiple brain metastases: guidance for clinical implementation. <i>Acta OncolÃ³gica</i> , 2019, 58, 1275-1282.	1.8	50
10	Lungtech, a phase II EORTC trial of SBRT for centrally located lung tumours â€“ a clinical physics perspective. <i>Radiation Oncology</i> , 2016, 11, 7.	2.7	32
11	Variation in current prescription practice of stereotactic body radiotherapy for peripherally located early stage non-small cell lung cancer: Recommendations for prescribing and recording according to the ACROP guideline and ICRU report 91. <i>Radiotherapy and Oncology</i> , 2020, 142, 217-223.	0.6	29
12	Development and evaluation of radiotherapy deep learning dose prediction models for breast cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 17, 65-70.	2.9	28
13	Outcome impact and cost-effectiveness of quality assurance for radiotherapy planned for the EORTC 22071â€“24071 prospective study for head and neck cancer. <i>Radiotherapy and Oncology</i> , 2014, 111, 393-399.	0.6	24
14	ESTRO ACROP guidelines for target volume definition in the thoracic radiation treatment of small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2020, 152, 89-95.	0.6	23
15	Generalizability assessment of head and neck cancer NTCP models based on the TRIPOD criteria. <i>Radiotherapy and Oncology</i> , 2020, 146, 143-150.	0.6	21
16	Remote beam output audits: A global assessment of results out of tolerance. <i>Physics and Imaging in Radiation Oncology</i> , 2018, 7, 39-44.	2.9	19
17	Multidisciplinary quality assurance and control in oncological trials: Perspectives from European Organisation for Research and Treatment of Cancer (EORTC). <i>European Journal of Cancer</i> , 2017, 86, 91-100.	2.8	16
18	Critical impact of radiotherapy protocol compliance and quality in the treatment of retroperitoneal sarcomas: Results from the EORTC 62092â€“22092 STRASS trial. <i>Cancer</i> , 2022, 128, 2796-2805.	4.1	14

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19	Artificial intelligence based treatment planning of radiotherapy for locally advanced breast cancer. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 20, 111-116.	2.9	13
20	A virtual dosimetry audit – Towards transferability of gamma index analysis between clinical trial QA groups. <i>Radiotherapy and Oncology</i> , 2017, 125, 398-404.	0.6	12
21	Heart position variability during voluntary moderate deep inspiration breath-hold radiotherapy for breast cancer determined by repeat CBCT scans. <i>Physica Medica</i> , 2017, 40, 88-94.	0.7	11
22	A Dutch phase III randomized multicenter trial: whole brain radiotherapy versus stereotactic radiotherapy for 4–10 brain metastases. <i>Neuro-Oncology Advances</i> , 2021, 3, vdab021.	0.7	11
23	Results of a multicentre dosimetry audit using a respiratory phantom within the EORTC LungTech trial. <i>Radiotherapy and Oncology</i> , 2019, 138, 106-113.	0.6	8
24	Harmonization of breast cancer radiotherapy treatment planning in the Netherlands. <i>Technical Innovations and Patient Support in Radiation Oncology</i> , 2021, 19, 26-32.	1.9	8
25	Radiation therapy using a simultaneously integrated boost for early-stage breast cancer. <i>Future Oncology</i> , 2007, 3, 509-513.	2.4	5
26	In Regard to Koshy et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 92, 945-946.	0.8	5
27	Clinical evaluation of two AI models for automated breast cancer plan generation. <i>Radiation Oncology</i> , 2022, 17, 25.	2.7	4
28	Reduction of heart and lung normal tissue complication probability using automatic beam angle optimization and more generic optimization objectives for breast radiotherapy. <i>Physics and Imaging in Radiation Oncology</i> , 2021, 18, 48-50.	2.9	2
29	Independent external validation using the EORTC HNCG-ROG 1219 DAHANCA trial data of NTCP models for acute oral mucositis. <i>Radiotherapy and Oncology</i> , 2021, 161, 35-39.	0.6	2
30	Quality of life among patients with 4 to 10 brain metastases after treatment with whole-brain radiotherapy vs. stereotactic radiotherapy: a phase III, randomized, Dutch multicenter trial. <i>Annals of Palliative Medicine</i> , 2022, 11, 1197-1209.	1.2	2