Uffe Bernchou

List of Publications by Year
in descending order

21 papers	524 citations	840585 11 h-index	752573 20 g-index
21 all docs	21 docs citations	21 times ranked	683 citing authors

#	Article	IF	Citations
1	First clinical experiences with a high field 1.5 T MR linac. Acta Oncológica, 2019, 58, 1352-1357.	0.8	72
2	Texture of Lipid Bilayer Domains. Journal of the American Chemical Society, 2009, 131, 14130-14131.	6.6	67
3	Locoregional Control of Non-Small Cell Lung Cancer in Relation to Automated Early Assessment of Tumor Regression on Cone Beam Computed Tomography. International Journal of Radiation Oncology Biology Physics, 2014, 89, 916-923.	0.4	62
4	Growth of Solid Domains in Model Membranes: Quantitative Image Analysis Reveals a Strong Correlation between Domain Shape and Spatial Position. Journal of Physical Chemistry B, 2009, 113, 7170-7177.	1.2	47
5	Time evolution of regional CT density changes in normal lung after IMRT for NSCLC. Radiotherapy and Oncology, 2013, 109, 89-94.	0.3	45
6	Automatic treatment planning facilitates fast generation of high-quality treatment plans for esophageal cancer. Acta Oncológica, 2017, 56, 1495-1500.	0.8	32
7	Online adaptive radiotherapy potentially reduces toxicity for high-risk prostate cancer treatment. Radiotherapy and Oncology, 2022, 167, 165-171.	0.3	30
8	Prediction of lung density changes after radiotherapy by cone beam computed tomography response markers and pre-treatment factors for non-small cell lung cancer patients. Radiotherapy and Oncology, 2015, 117, 17-22.	0.3	29
9	Accuracy of automatic deformable structure propagation for high-field MRI guided prostate radiotherapy. Radiation Oncology, 2020, 15, 32.	1.2	21
10	Correlation between the ripple phase and stripe domains in membranes. Biochimica Et Biophysica Acta - Biomembranes, 2011, 1808, 2849-2858.	1.4	19
11	Plan quality for high-risk prostate cancer treated with high field magnetic resonance imaging guided radiotherapy. Physics and Imaging in Radiation Oncology, 2018, 7, 1-8.	1.2	14
12	Extent and computed tomography appearance of early radiation induced lung injury for non-small cell lung cancer. Radiotherapy and Oncology, 2017, 123, 93-98.	0.3	13
13	Accuracy of automatic structure propagation for daily magnetic resonance image-guided head and neck radiotherapy. Acta Oncológica, 2021, 60, 589-597.	0.8	13
14	End-to-end validation of the geometric dose delivery performance of MR linac adaptive radiotherapy. Physics in Medicine and Biology, 2021, 66, 045034.	1.6	12
15	Evolution of the gross tumour volume extent during radiotherapy for glioblastomas. Radiotherapy and Oncology, 2021, 160, 40-46.	0.3	12
16	Tumor-site specific geometric distortions in high field integrated magnetic resonance linear accelerator radiotherapy. Physics and Imaging in Radiation Oncology, 2020, 15, 100-104.	1.2	10
17	Plan quality in radiotherapy treatment planning â€" Review of the factors and challenges. Journal of Medical Imaging and Radiation Oncology, 2022, 66, 267-278.	0.9	8
18	Causal relation between heart irradiation and survival of lung cancer patients after radiotherapy. Radiotherapy and Oncology, 2022, 172, 126-133.	0.3	7

#	Article	IF	Citations
19	First multicentre experience of SABR for lymph node and liver oligometastatic disease on the unity MR-Linac. Technical Innovations and Patient Support in Radiation Oncology, 2022, 22, 50-54.	0.6	7
20	Ventilation measured on clinical 4D-CBCT: Increased ventilation accuracy through improved image quality. Radiotherapy and Oncology, 2017, 125, 459-463.	0.3	4
21	In Reply to Yamazaki etÂal. International Journal of Radiation Oncology Biology Physics, 2015, 91, 245-246.	0.4	0