Marnix G Witte

List of Publications by Year
in descending order

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27	1,487	567281 15	526287 27
papers	citations	h-index	g-index

27	27	27	1431
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Biologic and physical fractionation effects of random geometric errors. International Journal of Radiation Oncology Biology Physics, 2003, 57, 1460-1471.	0.8	288
2	Dealing with geometric uncertainties in dose painting by numbers: Introducing the Î”VH1This work was supported by Dutch Cancer Society grant 2007-3895.1. Radiotherapy and Oncology, 2011, 100, 402-406.	0.6	201
3	Increased Risk of Biochemical and Clinical Failure for Prostate Patients with a Large Rectum at Radiotherapy Planning: Results from the Dutch Trial of 68 GY Versus 78 Gy. International Journal of Radiation Oncology Biology Physics, 2007, 67, 1418-1424.	0.8	159
4	Robust radiotherapy planning. Physics in Medicine and Biology, 2018, 63, 22TR02.	3.0	156
5	Urinary Obstruction in Prostate Cancer Patients From the Dutch Trial (68 Gy vs. 78 Gy): Relationships With Local Dose, Acute Effects, and Baseline Characteristics. International Journal of Radiation Oncology Biology Physics, 2010, 78, 19-25.	0.8	93
6	Texture analysis of 3D dose distributions for predictive modelling of toxicity rates in radiotherapy. Radiotherapy and Oncology, 2018, 129, 548-553.	0.6	89
7	Multiple comparisons permutation test for image based data mining in radiotherapy. Radiation Oncology, 2013, 8, 293.	2.7	67
8	IMRT optimization including random and systematic geometric errors based on the expectation of TCP and NTCP. Medical Physics, 2007, 34, 3544-3555.	3.0	66
9	Doseâ€“surface maps identifying local doseâ€“effects for acute gastrointestinal toxicity after radiotherapy for prostate cancer. Radiotherapy and Oncology, 2015, 117, 515-520.	0.6	59
10	The effects of target size and tissue density on the minimum margin required for random errors. Medical Physics, 2004, 31, 3068-3079.	3.0	53
11	Relating Dose Outside the Prostate With Freedom From Failure in the Dutch Trial 68 Gy vs. 78 Gy. International Journal of Radiation Oncology Biology Physics, 2010, 77, 131-138.	0.8	40
12	Probabilistic objective functions for margin-less IMRT planning. Physics in Medicine and Biology, 2013, 58, 3563-3580.	3.0	38
13	Comparing Glioblastoma Surgery Decisions Between Teams Using Brain Maps of Tumor Locations, Biopsies, and Resections. JCO Clinical Cancer Informatics, 2019, 3, 1-12.	2.1	28
14	Radiotherapy with rectangular fields is associated with fewer clinical failures than conformal fields in the high-risk prostate cancer subgroup: Results from a randomized trial. Radiotherapy and Oncology, 2013, 107, 134-139.	0.6	24
15	Beyond the margin recipe: the probability of correct target dosage and tumor control in the presence of a dose limiting structure. Physics in Medicine and Biology, 2017, 62, 7874-7888.	3.0	18
16	Robust Deep Learningâ€“based Segmentation of Glioblastoma on Routine Clinical MRI Scans Using Sparsified Training. Radiology: Artificial Intelligence, 2020, 2, e190103.	5.8	16
17	Local Dose Effects for Late Gastrointestinal Toxicity After Hypofractionated and Conventionally Fractionated Modern Radiotherapy for Prostate Cancer in the HYPRO Trial. Frontiers in Oncology, 2020, 10, 469.	2.8	16
18	An in silico comparison between margin-based and probabilistic target-planning approaches in head and neck cancer patients. Radiotherapy and Oncology, 2013, 109, 430-436.	0.6	14

#	Article	IF	Citations
19	Quantifying eloquent locations for glioblastoma surgery using resection probability maps. Journal of Neurosurgery, 2021, 134, 1091-1101.	1.6	14
20	Spatial descriptions of radiotherapy dose: normal tissue complication models and statistical associations. Physics in Medicine and Biology, 2021, 66, 12TR01.	3.0	14
21	Probabilistic evaluation of target dose deterioration in dose painting by numbers for stage II/III lung cancer. Practical Radiation Oncology, 2015, 5, e375-e382.	2.1	7
22	Towards spatial representations of dose distributions to predict risk of normal tissue morbidity after radiotherapy. Physics and Imaging in Radiation Oncology, 2020, 15, 105-107.	2.9	6
23	Association between incidental dose outside the prostate and tumor control after modern image-guided radiotherapy. Physics and Imaging in Radiation Oncology, 2021, 17, 25-31.	2.9	6
24	Voxelwise statistical methods to localize practice variation in brain tumor surgery. PLoS ONE, 2019, 14, e0222939.	2.5	5
25	Glioblastoma Surgery Imagingâ€"Reporting and Data System: Standardized Reporting of Tumor Volume, Location, and Resectability Based on Automated Segmentations. Cancers, 2021, 13, 2854.	3.7	5
26	Earliest radiological progression in glioblastoma by multidisciplinary consensus review. Journal of Neuro-Oncology, 2018, 139, 591-598.	2.9	4
27	In Response to Dr. Jereczek-Fossa and Colleagues. International Journal of Radiation Oncology Biology Physics, 2011, 79, 956-957.	0.8	1