Ralph Th Leijenaar

List of Publications by Year
in descending order

25 papers	7,701 citations	331670 21 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	8133 citing authors

#	ARTICLE	IF	CITATIONS
1	A review in radiomics: Making personalized medicine a reality via routine imaging. Medicinal Research Reviews, 2022, 42, 426-440.	10.5	103
2	Deciphering the glioblastoma phenotype by computed tomography radiomics. Radiotherapy and Oncology, 2021, 160, 132-139.	0.6	9
3	Privacy preserving distributed learning classifiers – Sequential learning with small sets of data. Computers in Biology and Medicine, 2021, 136, 104716.	7.0	12
4	El papel emergente de la radiómica en la EPOC y el cáncer de pulmón. Karger Kompass Neumología, 2020, , 46-53.	0.0	0
5	Non-invasive imaging prediction of tumor hypoxia: A novel developed and externally validated CT and FDG-PET-based radiomic signatures. Radiotherapy and Oncology, 2020, 153, 97-105.	0.6	19
6	The Image Biomarker Standardization Initiative: Standardized Quantitative Radiomics for High-Throughput Image-based Phenotyping. Radiology, 2020, 295, 328-338.	7.3	1,869
7	Computed Tomography-based Radiomics for Risk Stratification in Prostate Cancer. International Journal of Radiation Oncology Biology Physics, 2019, 105, 448-456.	0.8	41
8	Longitudinal radiomics of cone-beam CT images from non-small cell lung cancer patients: Evaluation of the added prognostic value for overall survival and locoregional recurrence. Radiotherapy and Oncology, 2019, 136, 78-85.	0.6	48
9	Decision Support Systems in Oncology. JCO Clinical Cancer Informatics, 2019, 3, 1-9.	2.1	85
10	Development and validation of a radiomic signature to predict HPV (p16) status from standard CT imaging: a multicenter study. British Journal of Radiology, 2018, 91, 20170498.	2.2	109
11	A review on radiomics and the future of theranostics for patient selection in precision medicine. British Journal of Radiology, 2018, 91, 20170926.	2.2	63
12	Applicability of a prognostic CT-based radiomic signature model trained on stage I-III non-small cell lung cancer in stage IV non-small cell lung cancer. Lung Cancer, 2018, 124, 6-11.	2.0	39
13	Decision support systems for personalized and participative radiation oncology. Advanced Drug Delivery Reviews, 2017, 109, 131-153.	13.7	113
14	Individualized early death and long-term survival prediction after stereotactic radiosurgery for brain metastases of non-small cell lung cancer: Two externally validated nomograms. Radiotherapy and Oncology, 2017, 123, 189-194.	0.6	29
15	Survival prediction of non-small cell lung cancer patients using radiomics analyses of cone-beam CT images. Radiotherapy and Oncology, 2017, 123, 363-369.	0.6	136
16	Radiomics: the bridge between medical imaging and personalized medicine. Nature Reviews Clinical Oncology, 2017, 14, 749-762.	27.6	3,216
17	4DCT imaging to assess radiomics feature stability: An investigation for thoracic cancers. Radiotherapy and Oncology, 2017, 125, 147-153.	0.6	61
18	Post-radiochemotherapy PET radiomics in head and neck cancer – The influence of radiomics implementation on the reproducibility of local control tumor models. Radiotherapy and Oncology, 2017, 125, 385-391.	0.6	89

#	Article	IF	Citations
19	Predictive and prognostic value of CT based radiomics signature in locally advanced head and neck cancers patients treated with concurrent chemoradiotherapy or bioradiotherapy and its added value to Human Papillomavirus status. Oral Oncology, 2017, 71, 150-155.	1.5	92
20	Defining the biological basis of radiomic phenotypes in lung cancer. ELife, 2017, 6, .	6.0	258
21	Test–Retest Data for Radiomics Feature Stability Analysis: Generalizable or Study-Specific?. Tomography, 2016, 2, 361-365.	1.8	135
22	The effect of SUV discretization in quantitative FDG-PET Radiomics: the need for standardized methodology in tumor texture analysis. Scientific Reports, 2015, 5, 11075.	3.3	318
23	Is there a causal relationship between genetic changes and radiomics-based image features? An in vivo preclinical experiment with doxycycline inducible GADD34 tumor cells. Radiotherapy and Oncology, 2015, 116, 462-466.	0.6	106
24	CT-based radiomic signature predicts distant metastasis in lung adenocarcinoma. Radiotherapy and Oncology, 2015, 114, 345-350.	0.6	576
25	'Rapid Learning health care in oncology' – An approach towards decision support systems enabling customised radiotherapy'. Radiotherapy and Oncology, 2013, 109, 159-164.	0.6	175