

Catharina Ml Zegers

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

4,829
citations

687363

13
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

6725
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiomics: Extracting more information from medical images using advanced feature analysis. <i>European Journal of Cancer</i> , 2012, 48, 441-446.	2.8	3,846
2	“Rapid Learning health care in oncology” – An approach towards decision support systems enabling customised radiotherapy. <i>Radiotherapy and Oncology</i> , 2013, 109, 159-164.	0.6	175
3	A Comparative Study of the Hypoxia PET Tracers [18F]HX4, [18F]FAZA, and [18F]FMISO in a Preclinical Tumor Model. <i>International Journal of Radiation Oncology Biology Physics</i> , 2015, 91, 351-359.	0.8	139
4	Decision support systems for personalized and participative radiation oncology. <i>Advanced Drug Delivery Reviews</i> , 2017, 109, 131-153.	13.7	113
5	TH-302 in Combination with Radiotherapy Enhances the Therapeutic Outcome and Is Associated with Pretreatment [18F]HX4 Hypoxia PET Imaging. <i>Clinical Cancer Research</i> , 2015, 21, 2984-2992.	7.0	95
6	Hypoxia imaging with [18F]HX4 PET in NSCLC patients: Defining optimal imaging parameters. <i>Radiotherapy and Oncology</i> , 2013, 109, 58-64.	0.6	81
7	<i>In Vivo</i> Quantification of Hypoxic and Metabolic Status of NSCLC Tumors Using [18F]HX4 and [18F]FDG-PET/CT Imaging. <i>Clinical Cancer Research</i> , 2014, 20, 6389-6397.	7.0	81
8	Radiotherapy Combined with the Immunocytokine L19-IL2 Provides Long-lasting Antitumor Effects. <i>Clinical Cancer Research</i> , 2015, 21, 1151-1160.	7.0	79
9	PET-based dose painting in non-small cell lung cancer: Comparing uniform dose escalation with boosting hypoxic and metabolically active sub-volumes. <i>Radiotherapy and Oncology</i> , 2015, 116, 281-286.	0.6	64
10	New ways to image and target tumour hypoxia and its molecular responses. <i>Radiotherapy and Oncology</i> , 2015, 116, 352-357.	0.6	49
11	Quantitative assessment of Zirconium-89 labeled cetuximab using PET/CT imaging in patients with advanced head and neck cancer: a theragnostic approach. <i>Oncotarget</i> , 2017, 8, 3870-3880.	1.8	48
12	Combination of radiotherapy with the immunocytokine L19-IL2: Additive effect in a NK cell dependent tumour model. <i>Radiotherapy and Oncology</i> , 2015, 116, 438-442.	0.6	30
13	Long-lasting antitumor effects provided by radiotherapy combined with the immunocytokine L19-IL2. <i>Oncolimmunology</i> , 2015, 4, e1021541.	4.6	18
14	Nitroglycerin as a radiosensitizer in non-small cell lung cancer: Results of a prospective imaging-based phase II trial. <i>Clinical and Translational Radiation Oncology</i> , 2020, 21, 49-55.	1.7	11