Arianna Defeudis

List of Publications by Year
in descending order

15 papers	196 citations	1307366 7 h-index	1719901 7 g-index
15 all docs	15 docs citations	15 times ranked	201 citing authors

#	Article	IF	Citations
1	Radiomics and Magnetic Resonance Imaging of Rectal Cancer: From Engineering to Clinical Practice. Diagnostics, 2021, 11, 756.	1.3	41
2	Impact of inter-reader contouring variability on textural radiomics of colorectal liver metastases. European Radiology Experimental, 2020, 4, 62.	1.7	29
3	Radiomics predicts response of individual <scp>HER2</scp>â€amplified colorectal cancer liver metastases in patients treated with <scp>HER2</scp>â€targeted therapy. International Journal of Cancer, 2020, 147, 3215-3223.	2.3	27
4	Standardization of CT radiomics features for multi-center analysis: impact of software settings and parameters. Physics in Medicine and Biology, 2020, 65, 195012.	1.6	17
5	A Fully Automatic Artificial Intelligence System Able to Detect and Characterize Prostate Cancer Using Multiparametric MRI: Multicenter and Multi-Scanner Validation. Frontiers in Oncology, 2021, 11, 718155.	1.3	16
6	MRI-based radiomics to predict response in locally advanced rectal cancer: comparison of manual and automatic segmentation on external validation in a multicentre study. European Radiology Experimental, 2022, 6, 19.	1.7	15
7	A Convolutional Neural Network based system for Colorectal cancer segmentation on MRI images. , 2020, 2020, 1675-1678.		14
8	Delta-Radiomics Predicts Response to First-Line Oxaliplatin-Based Chemotherapy in Colorectal Cancer Patients with Liver Metastases. Cancers, 2022, 14, 241.	1.7	14
9	An innovative radiomics approach to predict response to chemotherapy of liver metastases based on CT images. , 2020, 2020, 1339-1342.		8
10	Deep learning model for automatic prostate segmentation on bicentric T2w images with and without endorectal coil. , 2021, 2021, 3370-3373.		5
11	Comparison of radiomics approaches to predict resistance to 1st line chemotherapy in liver metastatic colorectal cancer. , 2021, 2021, 3305-3308.		5
12	Virtual biopsy in prostate cancer: can machine learning distinguish low and high aggressive tumors on MRI?. , 2021, 2021, 3374-3377.		3
13	Deep learning to segment liver metastases on CT images: impact on a radiomics method to predict response to chemotherapy. , 2020, , .		2
14	Radiomics features on CT scans to predict response to HER2-targeted therapy of hepatic metastases from colorectal cancer.. Journal of Clinical Oncology, 2019, 37, e15086-e15086.	0.8	0
15	Abstract 1412: CT texture analysis to predict response to target therapy of hepatic metastases from colorectal cancer. , 2019, , .		0