

Radiomics: the bridge between medical imaging and pe

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Non-invasive molecular imaging and theranostic probes. <i>Methods</i> , 2017, 130, 1-3.	1.9	1
2	4DCT imaging to assess radiomics feature stability: An investigation for thoracic cancers. <i>Radiotherapy and Oncology</i> , 2017, 125, 147-153.	0.3	61
3	Post-radiochemotherapy PET radiomics in head and neck cancer – The influence of radiomics implementation on the reproducibility of local control tumor models. <i>Radiotherapy and Oncology</i> , 2017, 125, 385-391.	0.3	89
4	Reproducibility of Cold Uptake Radiomics in 99m Tc-Sestamibi SPECT Imaging of Renal Cell Carcinoma. , 2017, , .		0
5	The crucial role of multiomic approach in cancer research and clinically relevant outcomes. <i>EPMA Journal</i> , 2018, 9, 77-102.	3.3	184
6	ESR paper on structured reporting in radiology. <i>Insights Into Imaging</i> , 2018, 9, 1-7.	1.6	166
7	Robustness versus disease differentiation when varying parameter settings in radiomics features: application to nasopharyngeal PET/CT. <i>European Radiology</i> , 2018, 28, 3245-3254.	2.3	58
8	The changing face of cancer diagnosis: From computational image analysis to systems biology. <i>European Radiology</i> , 2018, 28, 3160-3164.	2.3	26
9	Impact of Computer-Aided CT and PET Analysis on Non-invasive T Staging in Patients with Lung Cancer and Atelectasis. <i>Molecular Imaging and Biology</i> , 2018, 20, 1044-1052.	1.3	3
10	Ability of FDG PET and CT radiomics features to differentiate between primary and metastatic lung lesions. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 1649-1660.	3.3	112
11	Practical data collection and extraction for big data applications in radiotherapy. <i>Medical Physics</i> , 2018, 45, e863-e869.	1.6	10
12	Development and validation of a radiomic signature to predict HPV (p16) status from standard CT imaging: a multicenter study. <i>British Journal of Radiology</i> , 2018, 91, 20170498.	1.0	109
13	Rapid review: radiomics and breast cancer. <i>Breast Cancer Research and Treatment</i> , 2018, 169, 217-229.	1.1	190
14	Role of artificial intelligence in the care of patients with nonsmall cell lung cancer. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12901.	1.7	61
15	Radiomics and radiogenomics for precision radiotherapy. <i>Journal of Radiation Research</i> , 2018, 59, i25-i31.	0.8	74
16	Development of an Immune-Pathology Informed Radiomics Model for Non-Small Cell Lung Cancer. <i>Scientific Reports</i> , 2018, 8, 1922.	1.6	108
17	Is the whole larger than the sum of the parts? Integrated PET/MRI as a tool for response prediction. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2018, 45, 325-327.	3.3	4
18	Differentiation between vasogenic edema and infiltrative tumor in patients with high-grade gliomas using texture patch-based analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2018, 48, 729-736.	1.9	34

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20	Radiomics in radiooncology – Challenging the medical physicist. <i>Physica Medica</i> , 2018, 48, 27-36.	0.4	71
21	Personalized Statin Therapy and Coronary Atherosclerotic Plaque Burden in Asymptomatic Low/Intermediate-Risk Individuals. <i>CardioRenal Medicine</i> , 2018, 8, 140-150.	0.7	3
22	Multiregional radiomics features from multiparametric MRI for prediction of MGMT methylation status in glioblastoma multiforme: A multicentre study. <i>European Radiology</i> , 2018, 28, 3640-3650.	2.3	131
23	A Radiomics Signature in Preoperative Predicting Degree of Tumor Differentiation in Patients with Non-small Cell Lung Cancer. <i>Academic Radiology</i> , 2018, 25, 1548-1555.	1.3	27
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25	The use of databases, data mining and immunoinformatics in vaccinology: where are we?. <i>Expert Opinion on Drug Discovery</i> , 2018, 13, 117-130.	2.5	24
26	Texture analysis and machine learning to characterize suspected thyroid nodules and differentiated thyroid cancer: Where do we stand?. <i>European Journal of Radiology</i> , 2018, 99, 1-8.	1.2	85
27	Prospects and Challenges for Clinical Decision Support in the Era of Big Data. <i>JCO Clinical Cancer Informatics</i> , 2018, 2, 1-12.	1.0	23
28	Radiomics: the facts and the challenges of image analysis. <i>European Radiology Experimental</i> , 2018, 2, 36.	1.7	670
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30	A radiogenomic dataset of non-small cell lung cancer. <i>Scientific Data</i> , 2018, 5, 180202.	2.4	167
31	A Novel MRI-Based Radiomics Model for Predicting Recurrence in Chordoma. , 2018, 2018, 139-142.		2
32	Feasibility of CT radiomics to predict treatment response of individual liver metastases in esophagogastric cancer patients. <i>PLoS ONE</i> , 2018, 13, e0207362.	1.1	31
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34	The European Federation of Organisations for Medical Physics (EFOMP) White Paper: Big data and deep learning in medical imaging and in relation to medical physics profession. <i>Physica Medica</i> , 2018, 56, 90-93.	0.4	36
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36	Radiomics and liquid biopsy in oncology: the holons of systems medicine. <i>Insights Into Imaging</i> , 2018, 9, 915-924.	1.6	47

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38	Development of a graphic interface for the three-dimensional semiautomatic glioblastoma segmentation based on magnetic resonance images. , 2018, , .		1
39	CT texture analysis of lung adenocarcinoma: can Radiomic features be surrogate biomarkers for EGFR mutation statuses. <i>Cancer Imaging</i> , 2018, 18, 52.	1.2	65
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51	Multiregion segmentation of bladder cancer structures in MRI with progressive dilated convolutional networks. <i>Medical Physics</i> , 2018, 45, 5482-5493.	1.6	60
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73	Potential of serum microRNAs as biomarkers of radiation injury and tools for individualization of radiotherapy. <i>Translational Research</i> , 2018, 201, 71-83.	2.2	27

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75	Radiomics nomogram outperforms size criteria in discriminating lymph node metastasis in resectable esophageal squamous cell carcinoma. <i>European Radiology</i> , 2019, 29, 392-400.	2.3	78
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84	A radiomics approach based on support vector machine using MR images for preoperative lymph node status evaluation in intrahepatic cholangiocarcinoma. <i>Theranostics</i> , 2019, 9, 5374-5385.	4.6	108
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