

Radiomics: Images Are More than Pictures, They Are Data

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Radiomics in head and neck cancer: from exploration to application. <i>Translational Cancer Research</i> , 2016, 5, 371-382.	0.4	106
2	Magnetic Resonance Imaging-Based Radiomic Profiles Predict Patient Prognosis in Newly Diagnosed Glioblastoma Before Therapy. <i>Tomography</i> , 2016, 2, 223-228.	0.8	62
3	Multi-scale Modeling in Clinical Oncology: Opportunities and Barriers to Success. <i>Annals of Biomedical Engineering</i> , 2016, 44, 2626-2641.	1.3	66
4	Adapting to Artificial Intelligence. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 2353.	3.8	438
5	Radiomic Texture Analysis Mapping Predicts Areas of True Functional MRI Activity. <i>Scientific Reports</i> , 2016, 6, 25295.	1.6	26
6	Association Between Computed Tomographic Features and Kirsten Rat Sarcoma Viral Oncogene Mutations in Patients With Stage I Lung Adenocarcinoma and Their Prognostic Value. <i>Clinical Lung Cancer</i> , 2016, 17, 271-278.	1.1	17
7	PET-Based Percutaneous Needle Biopsy. <i>PET Clinics</i> , 2016, 11, 333-349.	1.5	19
8	Radiomic phenotype features predict pathological response in non-small cell lung cancer. <i>Radiotherapy and Oncology</i> , 2016, 119, 480-486.	0.3	266
9	Development and Validation of a Radiomics Nomogram for Preoperative Prediction of Lymph Node Metastasis in Colorectal Cancer. <i>Journal of Clinical Oncology</i> , 2016, 34, 2157-2164.	0.8	1,385
10	In Regard to Mattonen et al. <i>International Journal of Radiation Oncology Biology Physics</i> , 2016, 95, 1544-1545.	0.4	17
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13	Adénocarcinomes pulmonaires: corrélations entre TDM et histopathologie. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 375-384.	0.0	1
14	Indeterminate Pulmonary Nodules: How to Minimize Harm. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2016, 37, 689-707.	0.8	4
15	Restaging rectal cancer after neoadjuvant treatment with multiparametric MRI: A landscape of new opportunities. <i>Diagnostic and Interventional Imaging</i> , 2016, 97, 839-841.	1.8	3
16	Medical Imaging and Augmented Reality. <i>Lecture Notes in Computer Science</i> , 2016, , .	1.0	8
17	Predicting Malignant Nodules from Screening CT Scans. <i>Journal of Thoracic Oncology</i> , 2016, 11, 2120-2128.	0.5	226
18	Decoding Intratumoral Heterogeneity of Breast Cancer by Multiparametric <i>In Vivo</i> Imaging: A Translational Study. <i>Cancer Research</i> , 2016, 76, 5512-5522.	0.4	33

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19	Tissue segmentation of computed tomography images using a Random Forest algorithm: a feasibility study. <i>Physics in Medicine and Biology</i> , 2016, 61, 6553-6569.	1.6	82
20	The Top Three Health Care Developments Impacting the Practice of Interventional Radiology in the Next Decade. <i>American Journal of Roentgenology</i> , 2016, 207, 731-736.	1.0	9
22	The Potential of Radiomic-Based Phenotyping in Precision Medicine. <i>JAMA Oncology</i> , 2016, 2, 1636.	3.4	475
23	Clustering of MRI Radiomics Features for Glioblastoma Multiforme: An Initial Study. <i>Lecture Notes in Computer Science</i> , 2016, , 311-319.	1.0	1
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30	Effects of contrast-enhancement, reconstruction slice thickness and convolution kernel on the diagnostic performance of radiomics signature in solitary pulmonary nodule. <i>Scientific Reports</i> , 2016, 6, 34921.	1.6	197
31	Imaging-genomics reveals driving pathways of MRI derived volumetric tumor phenotype features in Glioblastoma. <i>BMC Cancer</i> , 2016, 16, 611.	1.1	58
32	Approaches to modernize the combination drug development paradigm. <i>Genome Medicine</i> , 2016, 8, 115.	3.6	64
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38	Intratumor partitioning and texture analysis of dynamic contrast-enhanced (DCE)-MRI identifies relevant tumor subregions to predict pathological response of breast cancer to neoadjuvant chemotherapy. <i>Journal of Magnetic Resonance Imaging</i> , 2016, 44, 1107-1115.	1.9	129
39	Dealing with Uncertainty in CT Images. <i>Radiology</i> , 2016, 279, 5-10.	3.6	21
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41	Characterization of PET/CT images using texture analysis: the past, the present any future?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2017, 44, 151-165.	3.3	376
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43	Predicting prostate tumour location from multiparametric MRI using Gaussian kernel support vector machines: a preliminary study. <i>Australasian Physical and Engineering Sciences in Medicine</i> , 2017, 40, 39-49.	1.4	29
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988	Artificial intelligence in radiology: the ecosystem essential to improving patient care. <i>Clinical Imaging</i> , 2020, 59, A3-A6.	0.8	18
989	A superpixel-driven deep learning approach for the analysis of dermatological wounds. <i>Computer Methods and Programs in Biomedicine</i> , 2020, 183, 105079.	2.6	27
990	Radiomics of Renal Masses: Systematic Review of Reproducibility and Validation Strategies. <i>American Journal of Roentgenology</i> , 2020, 214, 129-136.	1.0	40
991	Radiomics in stratification of pancreatic cystic lesions: Machine learning in action. <i>Cancer Letters</i> , 2020, 469, 228-237.	3.2	70
992	Lymph Node Imaging in Patients with Primary Breast Cancer: Concurrent Diagnostic Tools. <i>Oncologist</i> , 2020, 25, e231-e242.	1.9	96
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1008	Artificial intelligence in the interpretation of breast cancer on MRI. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 51, 1310-1324.	1.9	116
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1026	Invasive ductal breast cancer: preoperative predict Ki-67 index based on radiomics of ADC maps. <i>Radiologia Medica</i> , 2020, 125, 109-116.	4.7	63
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1360	Machine-Learning Classifiers in Discrimination of Lesions Located in the Anterior Skull Base. <i>Frontiers in Oncology</i> , 2020, 10, 752.	1.3	22
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1387	PRISM: A Platform for Imaging in Precision Medicine. <i>JCO Clinical Cancer Informatics</i> , 2020, 4, 491-499.	1.0	16
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1390	An Adaptive Low-Rank Modeling-Based Active Learning Method for Medical Image Annotation. <i>Irbm</i> , 2020, 42, 334-344.	3.7	1
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1405	Machine-learning-based computed tomography radiomic analysis for histologic subtype classification of thymic epithelial tumours. <i>European Journal of Radiology</i> , 2020, 126, 108929.	1.2	21
1406	Application of CT-based radiomics in predicting portal pressure and patient outcome in portal hypertension. <i>European Journal of Radiology</i> , 2020, 126, 108927.	1.2	14
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1416	Classification of pulmonary lesion based on multiparametric MRI: utility of radiomics and comparison of machine learning methods. <i>European Radiology</i> , 2020, 30, 4595-4605.	2.3	31
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1421	PET/MRI Radiomics in Patients With Brain Metastases. <i>Frontiers in Neurology</i> , 2020, 11, 1.	1.1	210
1422	From Medical Imaging to Radiomics: Role of Data Science for Advancing Precision Health. <i>Journal of Personalized Medicine</i> , 2020, 10, 15.	1.1	18
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1433	Glioblastomas and brain metastases differentiation following an MRI texture analysis-based radiomics approach. <i>Physica Medica</i> , 2020, 76, 44-54.	0.4	32
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1435	Standardization of CT radiomics features for multi-center analysis: impact of software settings and parameters. <i>Physics in Medicine and Biology</i> , 2020, 65, 195012.	1.6	17
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1439	Radiomics nomogram of contrast-enhanced spectral mammography for prediction of axillary lymph node metastasis in breast cancer: a multicenter study. <i>European Radiology</i> , 2020, 30, 6732-6739.	2.3	40
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3901	Diffusion-weighted imaging-based radiomics for predicting 1-year ischemic stroke recurrence. <i>Frontiers in Neurology</i> , 0, 13, .	1.1	4
3902	Value-Based Healthcare and Radiology: How can Value be Measured?. <i>Journal of Health Management</i> , 0, ,097206342211280.	0.4	0
3903	Radiogenomics, Breast Cancer Diagnosis and Characterization: Current Status and Future Directions. <i>Methods and Protocols</i> , 2022, 5, 78.	0.9	6
3904	Multiregional Radiomic Signatures Based on Functional Parametric Maps from DCE-MRI for Preoperative Identification of Estrogen Receptor and Progesterone Receptor Status in Breast Cancer. <i>Diagnostics</i> , 2022, 12, 2558.	1.3	4
3905	Utilization of model-agnostic explainable artificial intelligence frameworks in oncology: a narrative review. <i>Translational Cancer Research</i> , 2022, 11, 3853-3868.	0.4	16
3906	⁶⁸ Ga-PSMA-11 PET/CT Features Extracted from Different Radiomic Zones Predict Response to Androgen Deprivation Therapy in Patients with Advanced Prostate Cancer. <i>Cancers</i> , 2022, 14, 4838.	1.7	2
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3908	Role of artificial intelligence in the diagnosis and treatment of hepatocellular carcinoma. <i>Artificial Intelligence in Gastroenterology</i> , 0, 3, 96-104.	0.2	0
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3912	Artificial intelligence with magnetic resonance imaging for prediction of pathological complete response to neoadjuvant chemoradiotherapy in rectal cancer: A systematic review and meta-analysis. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	3
3913	Radiomics features for assessing tumor-infiltrating lymphocytes correlate with molecular traits of triple-negative breast cancer. <i>Journal of Translational Medicine</i> , 2022, 20, .	1.8	24
3914	Asymptomatic uterine metastasis of breast cancer: Case report and literature review. <i>Medicine (United Tj ETQq0 0,0,rgBT /Oyerlock 10</i>	0.4	2
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3916	Can quantitative peritumoral CT radiomics features predict the prognosis of patients with non-small cell lung cancer? A systematic review. <i>European Radiology</i> , 2023, 33, 2105-2117.	2.3	14
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3920	Machine Learning Model to Predict Diagnosis of Mild Cognitive Impairment by Using Radiomic and Amyloid Brain PET. <i>Clinical Nuclear Medicine</i> , 0, Publish Ahead of Print, .	0.7	5
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3945	Establishment and validation of novel MRI radiomic feature-based prognostic models to predict progression-free survival in locally advanced rectal cancer. <i>Frontiers in Oncology</i> , 0, 12, .	1.3	1
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