

Chintan Parmar

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

14,541
citations

230014

27
h-index

511568

30
g-index

33
all docs

33
docs citations

33
times ranked

15578
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep convolutional neural networks to predict cardiovascular risk from computed tomography. <i>Nature Communications</i> , 2021, 12, 715.	5.8	101
2	Radiomics of Coronary Artery Calcium in the Framingham Heart Study. <i>Radiology: Cardiothoracic Imaging</i> , 2020, 2, e190119.	0.9	22
3	Deep Learning Predicts Lung Cancer Treatment Response from Serial Medical Imaging. <i>Clinical Cancer Research</i> , 2019, 25, 3266-3275.	3.2	364
4	Predicting response to cancer immunotherapy using noninvasive radiomic biomarkers. <i>Annals of Oncology</i> , 2019, 30, 998-1004.	0.6	361
5	Machine (Deep) Learning Methods for Image Processing and Radiomics. <i>IEEE Transactions on Radiation and Plasma Medical Sciences</i> , 2019, 3, 104-108.	2.7	89
6	Formulation and optimization of enteric coated bilayer tablets of mesalamine by RSM: InÂvitro â€“ InÂvivo investigations and roentogenographic study. <i>Journal of Drug Delivery Science and Technology</i> , 2018, 44, 388-398.	1.4	15
7	Data Analysis Strategies in Medical Imaging. <i>Clinical Cancer Research</i> , 2018, 24, 3492-3499.	3.2	115
8	Deep learning for lung cancer prognostication: A retrospective multi-cohort radiomics study. <i>PLoS Medicine</i> , 2018, 15, e1002711.	3.9	385
9	Artificial intelligence in radiology. <i>Nature Reviews Cancer</i> , 2018, 18, 500-510.	12.8	1,953
10	Associations between radiologist-defined semantic and automatically computed radiomic features in non-small cell lung cancer. <i>Scientific Reports</i> , 2017, 7, 3519.	1.6	87
11	Somatic Mutations Drive Distinct Imaging Phenotypes in Lung Cancer. <i>Cancer Research</i> , 2017, 77, 3922-3930.	0.4	307
12	Impact of experimental design on PET radiomics in predicting somatic mutation status. <i>European Journal of Radiology</i> , 2017, 97, 8-15.	1.2	44
13	Computational Radiomics System to Decode the Radiographic Phenotype. <i>Cancer Research</i> , 2017, 77, e104-e107.	0.4	3,458
14	Deep Learning for Fully-Automated Localization and Segmentation of Rectal Cancer on Multiparametric MR. <i>Scientific Reports</i> , 2017, 7, 5301.	1.6	206
15	Associations Between Somatic Mutations and Metabolic Imaging Phenotypes in Nonâ€“Small Cell Lung Cancer. <i>Journal of Nuclear Medicine</i> , 2017, 58, 569-576.	2.8	131
16	Defining the biological basis of radiomic phenotypes in lung cancer. <i>ELife</i> , 2017, 6, .	2.8	258
17	Application of the 3D slicer chest imaging platform segmentation algorithm for large lung nodule delineation. <i>PLoS ONE</i> , 2017, 12, e0178944.	1.1	35
18	Associations of Radiomic Data Extracted from Static and Respiratory-Gated CT Scans with Disease Recurrence in Lung Cancer Patients Treated with SBRT. <i>PLoS ONE</i> , 2017, 12, e0169172.	1.1	87

#	ARTICLE	IF	CITATIONS
19	Radiographic prediction of meningioma grade by semantic and radiomic features. PLoS ONE, 2017, 12, e0187908.	1.1	109
20	Exploratory Study to Identify Radiomics Classifiers for Lung Cancer Histology. Frontiers in Oncology, 2016, 6, 71.	1.3	306
21	MO-DE-207B-01: JACK FOWLER JUNIOR INVESTIGATOR COMPETITION WINNER: Between Somatic Mutations and PET-Based Radiomic Features in Non-Small Cell Lung Cancer. Medical Physics, 2016, 43, 3704-3704.	1.6	0
22	Machine Learning methods for Quantitative Radiomic Biomarkers. Scientific Reports, 2015, 5, 13087.	1.6	744
23	Radiomic Machine-Learning Classifiers for Prognostic Biomarkers of Head and Neck Cancer. Frontiers in Oncology, 2015, 5, 272.	1.3	318
24	Radiomic feature clusters and Prognostic Signatures specific for Lung and Head & Neck cancer. Scientific Reports, 2015, 5, 11044.	1.6	384
25	TUâ€CDâ€BRBâ€02: BEST IN PHYSICS (JOINT IMAGINGâ€THERAPY): Identification of Molecular Phenotypes by Integrating Radiomics and Genomics. Medical Physics, 2015, 42, 3602-3602.	1.6	0
26	Robust Radiomics Feature Quantification Using Semiautomatic Volumetric Segmentation. PLoS ONE, 2014, 9, e102107.	1.1	488
27	Decoding tumour phenotype by noninvasive imaging using a quantitative radiomics approach. Nature Communications, 2014, 5, 4006.	5.8	3,355
28	Prognostic value of metabolic metrics extracted from baseline positron emission tomography images in non-small cell lung cancer. Acta OncolÃ³gica, 2013, 52, 1398-1404.	0.8	44
29	Stability of FDG-PET Radiomics features: An integrated analysis of test-retest and inter-observer variability. Acta OncolÃ³gica, 2013, 52, 1391-1397.	0.8	353
30	Volumetric CT-based segmentation of NSCLC using 3D-Slicer. Scientific Reports, 2013, 3, 3529.	1.6	168