

Fei Shan

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

2,825
citations

411340

20
h-index

325983

40
g-index

46
all docs

46
docs citations

46
times ranked

5207
citing authors

#	ARTICLE	IF	CITATIONS
1	Radiomics nomogram analysis of T2-fBLADE-TSE in pulmonary nodules evaluation. <i>Magnetic Resonance Imaging</i> , 2022, 85, 80-86.	1.0	4
2	Repeatability and Reproducibility of Computed Tomography Radiomics for Pulmonary Nodules. <i>Investigative Radiology</i> , 2022, 57, 242-253.	3.5	15
3	CT perfusion imaging can detect residual lung tumor early after radiofrequency ablation: a preliminary animal study on both tumoral and peri-tumoral region assessment. <i>Journal of Thoracic Disease</i> , 2022, 14, 64-75.	0.6	2
4	Hymecromone: a clinical prescription hyaluronan inhibitor for efficiently blocking COVID-19 progression. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, 91.	7.1	14
5	The value of longitudinal clinical data and paired CT scans in predicting the deterioration of COVID-19 revealed by an artificial intelligence system. <i>IScience</i> , 2022, 25, 104227.	1.9	5
6	Joint prediction and time estimation of COVID-19 developing severe symptoms using chest CT scan. <i>Medical Image Analysis</i> , 2021, 67, 101824.	7.0	58
7	Abnormal lung quantification in chest CT images of COVID-19 patients with deep learning and its application to severity prediction. <i>Medical Physics</i> , 2021, 48, 1633-1645.	1.6	154
8	Lung volume reduction and infection localization revealed in Big data CT imaging of COVID-19. <i>International Journal of Infectious Diseases</i> , 2021, 102, 316-318.	1.5	13
9	Hypergraph learning for identification of COVID-19 with CT imaging. <i>Medical Image Analysis</i> , 2021, 68, 101910.	7.0	56
10	A deep learning-based quantitative computed tomography model for predicting the severity of COVID-19: a retrospective study of 196 patients. <i>Annals of Translational Medicine</i> , 2021, 9, 216-216.	0.7	44
11	Large-scale screening to distinguish between COVID-19 and community-acquired pneumonia using infection size-aware classification. <i>Physics in Medicine and Biology</i> , 2021, 66, 065031.	1.6	233
12	Development and Validation a Nomogram Incorporating CT Radiomics Signatures and Radiological Features for Differentiating Invasive Adenocarcinoma From Adenocarcinoma In Situ and Minimally Invasive Adenocarcinoma Presenting as Ground-Glass Nodules Measuring 5-10mm in Diameter. <i>Frontiers in Oncology</i> , 2021, 11, 618677.	1.3	11
13	Differential Diagnosis of COVID-19 Pneumonia From Influenza A (H1N1) Pneumonia Using a Model Based on Clinoradiologic Features. <i>Frontiers in Medicine</i> , 2021, 8, 651556.	1.2	3
14	Longitudinal trajectories of pneumonia lesions and lymphocyte counts associated with disease severity among convalescent COVID-19 patients: a group-based multi-trajectory analysis. <i>BMC Pulmonary Medicine</i> , 2021, 21, 233.	0.8	4
15	Exploiting Deep Cross-Slice Features From CT Images For Multi-Class Pneumonia Classification. , 2021, , .		2
16	Periphery-aware COVID-19 diagnosis with contrastive representation enhancement. <i>Pattern Recognition</i> , 2021, 118, 108005.	5.1	13
17	Clinical and CT Radiomics Nomogram for Preoperative Differentiation of Pulmonary Adenocarcinoma From Tuberculoma in Solitary Solid Nodule. <i>Frontiers in Oncology</i> , 2021, 11, 701598.	1.3	14
18	Preliminary study of 3T-MRI native T1-mapping radiomics in differential diagnosis of non-calcified solid pulmonary nodules/masses. <i>Cancer Cell International</i> , 2021, 21, 539.	1.8	6

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19	CMC-COV19D: Contrastive Mixup Classification for COVID-19 Diagnosis. , 2021, , .		12
20	A clinical pilot study on the safety and efficacy of aerosol inhalation treatment of IFN- β plus TFF2 in patients with moderate COVID-19. <i>EclinicalMedicine</i> , 2020, 25, 100478.	3.2	20
21	M ³ Lung-Sys: A Deep Learning System for Multi-Class Lung Pneumonia Screening From CT Imaging. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 3539-3550.	3.9	44
22	Adaptive Feature Selection Guided Deep Forest for COVID-19 Classification With Chest CT. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2020, 24, 2798-2805.	3.9	149
23	CT quantification of pneumonia lesions in early days predicts progression to severe illness in a cohort of COVID-19 patients. <i>Theranostics</i> , 2020, 10, 5613-5622.	4.6	166
24	Clinical Potential of ^{18}F -NaF PET/CT for Assessing COVID-19: Patient- and Lesion-Based Comparative Analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2020, 52, 397-406.	1.9	48
25	Deep learning for detecting corona virus disease 2019 (COVID-19) on high-resolution computed tomography: a pilot study. <i>Annals of Translational Medicine</i> , 2020, 8, 450-450.	0.7	72
26	Epidemiology and clinical course of COVID-19 in Shanghai, China. <i>Emerging Microbes and Infections</i> , 2020, 9, 1537-1545.	3.0	24
27	Combination of generative adversarial network and convolutional neural network for automatic subcentimeter pulmonary adenocarcinoma classification. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 1249-1264.	1.1	23
28	A pilot study of native T1-mapping for focal pulmonary lesions in 3.0 T magnetic resonance imaging: size estimation and differential diagnosis. <i>Journal of Thoracic Disease</i> , 2020, 12, 2517-2528.	0.6	10
29	Radiomics nomograms of tumors and peritumoral regions for the preoperative prediction of spread through air spaces in lung adenocarcinoma. <i>Translational Oncology</i> , 2020, 13, 100820.	1.7	33
30	Effect of combination antiretroviral therapy on the clinical manifestations, radiological characteristics, and disease severity of HIV-associated <i>Talaromyces marneffeii</i> infection. <i>International Journal of STD and AIDS</i> , 2020, 31, 747-752.	0.5	3
31	An unsupervised semi-automated pulmonary nodule segmentation method based on enhanced region growing. <i>Quantitative Imaging in Medicine and Surgery</i> , 2020, 10, 233-242.	1.1	26
32	Emerging 2019 Novel Coronavirus (2019-nCoV) Pneumonia. <i>Radiology</i> , 2020, 295, 210-217.	3.6	997
33	Evaluation of antiviral therapies for coronavirus disease 2019 pneumonia in Shanghai, China. <i>Journal of Medical Virology</i> , 2020, 92, 1922-1931.	2.5	18
34	Clinical and CT features of early stage patients with COVID-19: a retrospective analysis of imported cases in Shanghai, China. <i>European Respiratory Journal</i> , 2020, 55, 2000407.	3.1	48
35	Dual-Sampling Attention Network for Diagnosis of COVID-19 From Community Acquired Pneumonia. <i>IEEE Transactions on Medical Imaging</i> , 2020, 39, 2595-2605.	5.4	293
36	Increased Right Frontal Brain Activity During the Mandarin Hearing-in-Noise Test. <i>Frontiers in Neuroscience</i> , 2020, 14, 614012.	1.4	4

#	ARTICLE	IF	CITATIONS
37	HIV-infected patients with opportunistic pulmonary infections misdiagnosed as lung cancers: the clinicoradiologic features and initial application of CT radiomics. <i>Journal of Thoracic Disease</i> , 2019, 11, 2274-2286.	0.6	22
38	Attenuation and Morphologic Characteristics Distinguishing a Ground-Glass Nodule Measuring 5â€“10 mm in Diameter as Invasive Lung Adenocarcinoma on Thin-Slice CT. <i>American Journal of Roentgenology</i> , 2019, 213, W162-W170.	1.0	30
39	Lung Cancer Screening with Low-Dose CT: Baseline Screening Results in Shanghai. <i>Academic Radiology</i> , 2019, 26, 1283-1291.	1.3	50
40	CT characteristics of non-small cell lung cancer with epidermal growth factor receptor mutation: a systematic review and meta-analysis. <i>BMC Medical Imaging</i> , 2017, 17, 5.	1.4	43
41	Clinical and computed tomography findings in Chinese lung cancer patients with HIV infection: a multicenter study. <i>Thoracic Cancer</i> , 2017, 8, 238-245.	0.8	3
42	Differentiation between malignant and benign solitary pulmonary nodules: Use of volume first-pass perfusion and combined with routine computed tomography. <i>European Journal of Radiology</i> , 2012, 81, 3598-3605.	1.2	14
43	Deep Learning-Based Quantitative Computed Tomography Model in Predicting the Severity of COVID-19: A Retrospective Study in 196 Patients. <i>SSRN Electronic Journal</i> , 0, , .	0.4	22