Heshui Shi

List of Publications by Year
in descending order

56	5,456	394286	168321
papers	citations	19	53
		h-index	g-index

62	62	62	10354
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Radiological findings from 81 patients with COVID-19 pneumonia in Wuhan, China: a descriptive study. Lancet Infectious Diseases, The, 2020, 20, 425-434.	4.6	2,881
2	Temporal Changes of CT Findings in 90 Patients with COVID-19 Pneumonia: A Longitudinal Study. Radiology, 2020, 296, E55-E64.	3.6	720
3	Six-month Follow-up Chest CT Findings after Severe COVID-19 Pneumonia. Radiology, 2021, 299, E177-E186.	3.6	437
4	Development and evaluation of an artificial intelligence system for COVID-19 diagnosis. Nature Communications, 2020, 11, 5088.	5.8	316
5	Evolution of CT Manifestations in a Patient Recovered from 2019 Novel Coronavirus (2019-nCoV) Pneumonia in Wuhan, China. Radiology, 2020, 295, 20-20.	3.6	185
6	Open resource of clinical data from patients with pneumonia for the prediction of COVID-19 outcomes via deep learning. Nature Biomedical Engineering, 2020, 4, 1197-1207.	11.6	122
7	Novel Coronavirus Disease 2019 (COVID-19) Pneumonia Progression Course in 17 Discharged Patients: Comparison of Clinical and Thin-Section Computed Tomography Features During Recovery. Clinical Infectious Diseases, 2020, 71, 723-731.	2.9	92
8	Longitudinal Assessment of COVID-19 Using a Deep Learning–based Quantitative CT Pipeline: Illustration of Two Cases. Radiology: Cardiothoracic Imaging, 2020, 2, e200082.	0.9	81
9	Fibrotic Interstitial Lung Abnormalities at 1-year Follow-up CT after Severe COVID-19. Radiology, 2021, 301, E438-E440.	3.6	69
10	Increased myocardial extracellular volume assessed by cardiovascular magnetic resonance T1 mapping and its determinants in type 2 diabetes mellitus patients with normal myocardial systolic strain. Cardiovascular Diabetology, 2018, 17, 7.	2.7	42
11	Baseline characteristics and risk factors for short-term outcomes in 132 COVID-19 patients with diabetes in Wuhan China: A retrospective study. Diabetes Research and Clinical Practice, 2020, 166, 108299.	1.1	40
12	Aortic floating thrombus detected by computed tomography angiography incidentally: Five cases and a literature review. Journal of Thoracic and Cardiovascular Surgery, 2017, 153, 791-803.	0.4	35
13	Association between myocardial extracellular volume and strain analysis through cardiovascular magnetic resonance with histological myocardial fibrosis in patients awaiting heart transplantation. Journal of Cardiovascular Magnetic Resonance, 2018, 20, 25.	1.6	31
14	Comprehensive Assessment of Right Ventricular Function by Three-Dimensional Speckle-Tracking Echocardiography: Comparisons with Cardiac Magnetic Resonance Imaging. Journal of the American Society of Echocardiography, 2021, 34, 472-482.	1.2	26
15	The application of paramagnetic contrast-based T2 effect to 3D heavily T2W high-resolution MR imaging of the brachial plexus and its branches. European Journal of Radiology, 2016, 85, 578-584.	1.2	25
16	CT screening for early diagnosis of SARS-CoV-2 infection – Authors' reply. Lancet Infectious Diseases, The, 2020, 20, 1011.	4.6	22
17	Severe Acute Respiratory Disease in a Huanan Seafood Market Worker: Images of an Early Casualty. Radiology: Cardiothoracic Imaging, 2020, 2, e200033.	0.9	22
18	Quantification of left coronary bifurcation angles and plaques by coronary computed tomography angiography for prediction of significant coronary stenosis: A preliminary study with dual-source CT. PLoS ONE, 2017, 12, e0174352.	1.1	22

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19	Visceral pleural invasion by pulmonary adenocarcinoma ≈3 cm: the pathological correlation with pleural signs on computed tomography. Journal of Thoracic Disease, 2018, 10, 3992-3999.	0.6	20
20	Prognostic value of baseline clinical and HRCT findings in 101 patients with severe COVID-19 in Wuhan, China. Scientific Reports, 2020, 10, 17543.	1.6	20
21	A Diabetic Patient With 2019-nCoV (COVID-19) Infection Who Recovered and Was Discharged From Hospital. Journal of Thoracic Imaging, 2020, 35, W94-W95.	0.8	20
22	Early detection of left atrial and bi-ventricular myocardial strain abnormalities by MRI feature tracking in normotensive or hypertensive T2DM patients with preserved LV function. BMC Cardiovascular Disorders, 2020, 20, 196.	0.7	20
23	Concomitant EGFR Mutation and EML4-ALK Rearrangement in Lung Adenocarcinoma Is More Frequent in Multifocal Lesions. Clinical Lung Cancer, 2019, 20, e517-e530.	1.1	19
24	CT features associated with EGFR mutations and ALK positivity in patients with multiple primary lung adenocarcinomas. Cancer Imaging, 2020, 20, 51.	1.2	18
25	Radiological and Clinical Features and Outcomes of Patients with Primary Pulmonary Salivary Gland-Type Tumors. Canadian Respiratory Journal, 2019, 2019, 1-10.	0.8	17
26	Evaluation of airway obstruction at soft palate level in male patients with obstructive sleep apnea/hypopnea syndrome: Dynamic 3-dimensional CT imaging of upper airway. Journal of Huazhong University of Science and Technology [Medical Sciences], 2011, 31, 413-418.	1.0	16
27	Follow-up study of pulmonary sequelae in discharged COVID-19 patients with diabetes or secondary hyperglycemia. European Journal of Radiology, 2021, 144, 109997.	1.2	12
28	Epidemiological, Clinical, Radiological Characteristics and Outcomes of Medical Staff with COVID-19 in Wuhan, China: Analysis of 101 Cases. International Journal of Medical Sciences, 2021, 18, 1492-1501.	1.1	10
29	Quantitative inspiratory–expiratory chest CT findings in COVID-19 survivors at the 6-month follow-up. Scientific Reports, 2022, 12, 7402.	1.6	10
30	Effect of a Previous History of Antiretroviral Treatment on Clinical Picture of Patients with Co-infection of SARS-CoV-2 and HIV: A Preliminary Study. International Journal of Infectious Diseases, 2020, 100, 141-148.	1.5	9
31	ALK expressed in a gastrointestinal stromal tumor harboring PDGFRA p. D842V mutation:a case report. Diagnostic Pathology, 2020, 15, 8.	0.9	9
32	Value of CT features for predicting EGFR mutations and ALK positivity in patients with lung adenocarcinoma. Scientific Reports, 2021, 11, 5679.	1.6	9
33	Predictive values of multiple non-invasive markers for myocardial fibrosis in hypertrophic cardiomyopathy patients with preserved ejection fraction. Scientific Reports, 2021, 11, 4297.	1.6	8
34	A combination of left ventricular hypertrabeculation/noncompaction and muscular dystrophy in a stroke patient. International Journal of Cardiology, 2014, 174, e68-e71.	0.8	7
35	Left Ventricular Bronchogenic Cyst. Annals of Thoracic Surgery, 2016, 101, 744-746.	0.7	6
36	Assessment of regional left ventricular myocardial strain in patients with left anterior descending coronary stenosis using computed tomography feature tracking. BMC Cardiovascular Disorders, 2020, 20, 362.	0.7	6

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37	Quantification of myocardial strain in patients with isolated left ventricular non-compaction and healthy subjects using deformable registration algorithm: comparison with feature tracking. BMC Cardiovascular Disorders, 2020, 20, 400.	0.7	6
38	Deep diagnostic agent forest (DDAF): A deep learning pathogen recognition system for pneumonia based on CT. Computers in Biology and Medicine, 2022, 141, 105143.	3.9	6
39	Associations of B-type natriuretic peptide (BNP) and dialysis vintage with CMRI-derived cardiac indices in stable hemodialysis patients with a preserved left ventricular ejection fraction. International Journal of Cardiovascular Imaging, 2020, 36, 2265-2278.	0.7	5
40	A Rare Case of Aortic Dissection with Concomitant Pulmonary Artery Dissection Extending through a Patent Ductus Arteriosus. Journal of Vascular and Interventional Radiology, 2015, 26, 1084-1086.	0.2	4
41	Concomitant EGFR mutation and ALK rearrangement in multifocal lung adenocarcinoma: a case report. Diagnostic Pathology, 2020, 15, 42.	0.9	4
42	Longitudinal changes in COVID-19 clinical measures and correlation with the extent of CT lung abnormalities. International Journal of Medical Sciences, 2021, 18, 1277-1284.	1.1	4
43	Fangcang Shelter Hospital in Wuhan: A radiographic report on a cohort of 98 COVID-19 patients. International Journal of Medical Sciences, 2020, 17, 2125-2132.	1.1	3
44	Evaluation and Comparison of Quantitative Right Ventricular Strain Assessment by Cardiac Magnetic Resonance in Pulmonary Hypertension Using Feature Tracking and Deformable Registration Algorithms. Academic Radiology, 2021, 28, e306-e313.	1.3	3
45	Integrated head and neck imaging of symptomatic patients with stroke using simultaneous non-contrast cardiovascular magnetic resonance angiography and intraplaque hemorrhage imaging as compared with digital subtraction angiography. Journal of Cardiovascular Magnetic Resonance, 2022, 24, 19.	1.6	3
46	CT findings analysis of solid pseudopapillary tumor of the pancreas. Chinese-German Journal of Clinical Oncology, 2011, 10, 328-332.	0.1	2
47	Radiology department preventive and control measures and work plan during COVID-19 epidemic-experience from Wuhan. Chinese Journal of Academic Radiology, 2021, 4, 1-8.	0.4	2
48	Two different patterns of lung adenocarcinoma with concomitant *EGFR* mutation and *ALK* rearrangement. Tumori, 2022, 108, 12-18.	0.6	2
49	Chest CT Imaging Features of Typical Covert COVID-19 Cases. International Journal of Medical Sciences, 2021, 18, 2128-2136.	1.1	2
50	Cardiac MRI of Eosinophilic Myocarditis. Radiology, 0, , .	3.6	2
51	Noninvasive detection of coronary artery stenosis using 16-slice spiral CT: A comparison with selective X-ray coronary angiography. Journal of Huazhong University of Science and Technology [Medical Sciences], 2006, 26, 338-340.	1.0	1
52	Primary pulmonary synovial sarcoma with multiple pleural metastases: a case report and review of the literature. Chinese-German Journal of Clinical Oncology, 2011, 10, 547-550.	0.1	1
53	Intrathoracic solitary fibrous tumor: a report of 3 cases and review of the literature. Chinese-German Journal of Clinical Oncology, 2012, 11, 660-664.	0.1	1
54	Multiparametric CMR imaging of myocardial structure and function changes in diabetic mini-pigs with preserved LV function: a preliminary study. BMC Cardiovascular Disorders, 2022, 22, 143.	0.7	1

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55	Differentiating synchronous double primary lung adenocarcinomas from intrapulmonary metastasis by CT features, EGFR mutations and ALK rearrangement status. Journal of Thoracic Disease, 2020, 12, 5505-5516.	0.6	0
56	Quantifying Myocardial Strain of the Left Ventricle in Normal People Using Feature-Tracking Based on Computed Tomography Imaging. Diagnostics, 2022, 12, 329.	1.3	0