Heshui Shi

List of Publications by Year
in descending order

56 papers	5,456 citations	394286 19 h-index	168321 53 g-index
62 all docs	62 docs citations	62 times ranked	10354 citing authors

#	Article	IF	Citations
1	Two different patterns of lung adenocarcinoma with concomitant *EGFR* mutation and *ALK* rearrangement. Tumori, 2022, 108, 12-18.	0.6	2
2	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
3	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
4	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
5	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
6	Quantitative inspiratory–expiratory chest CT findings in COVID-19 survivors at the 6-month follow-up. Scientific Reports, 2022, 12, 7402.	1.6	10
7	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
8	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
9	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
10	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
11	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
12	Value of CT features for predicting EGFR mutations and ALK positivity in patients with lung adenocarcinoma. Scientific Reports, 2021, 11, 5679.	1.6	9
13	Six-month Follow-up Chest CT Findings after Severe COVID-19 Pneumonia. Radiology, 2021, 299, E177-E186.	3.6	437
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	Fibrotic Interstitial Lung Abnormalities at 1-year Follow-up CT after Severe COVID-19. Radiology, 2021, 301, E438-E440.	3.6	69
16	Chest CT Imaging Features of Typical Covert COVID-19 Cases. International Journal of Medical Sciences, 2021, 18, 2128-2136.	1.1	2
17	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
18	Development and evaluation of an artificial intelligence system for COVID-19 diagnosis. Nature Communications, 2020, 11, 5088.	5.8	316

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19	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
20	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
21	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
22	CT features associated with EGFR mutations and ALK positivity in patients with multiple primary lung adenocarcinomas. Cancer Imaging, 2020, 20, 51.	1.2	18
23	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
24	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
25	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
26	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
27	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
28	Concomitant EGFR mutation and ALK rearrangement in multifocal lung adenocarcinoma: a case report. Diagnostic Pathology, 2020, 15, 42.	0.9	4
29	Temporal Changes of CT Findings in 90 Patients with COVID-19 Pneumonia: A Longitudinal Study. Radiology, 2020, 296, E55-E64.	3.6	720
30	CT screening for early diagnosis of SARS-CoV-2 infection â€" Authors' reply. Lancet Infectious Diseases, The, 2020, 20, 1011.	4.6	22
31	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
32	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
33	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
34	Severe Acute Respiratory Disease in a Huanan Seafood Market Worker: Images of an Early Casualty. Radiology: Cardiothoracic Imaging, 2020, 2, e200033.	0.9	22
35	ALK expressed in a gastrointestinal stromal tumor harboring PDGFRA p. D842V mutation:a case report. Diagnostic Pathology, 2020, 15, 8.	0.9	9
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
45	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
46	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
47	Left Ventricular Bronchogenic Cyst. Annals of Thoracic Surgery, 2016, 101, 744-746.	0.7	6
48	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
49	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
50	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
51	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
52	CT findings analysis of solid pseudopapillary tumor of the pancreas. Chinese-German Journal of Clinical Oncology, 2011, 10, 328-332.	0.1	2
53	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
54	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

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55	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
56	Cardiac MRI of Eosinophilic Myocarditis. Radiology, 0, , .	3.6	2