

Zhen Zz Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

421
citations

949033

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docs citations

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times ranked

772
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of Early Diffuse Myocardial Fibrosis Through 7.0T Cardiac Magnetic Resonance ^{T1} Mapping in a Type 1 Diabetic Mellitus Mouse Model. <i>Journal of Magnetic Resonance Imaging</i> , 2023, 57, 167-177.	1.9	2
2	Assessment of Image Quality of Coronary Computed Tomography Angiography in Obese Patients by Comparing Deep Learning Image Reconstruction With Adaptive Statistical Iterative Reconstruction Veo. <i>Journal of Computer Assisted Tomography</i> , 2022, 46, 34-40.	0.5	2
3	Impact of Sublingual Nitroglycerin on the Assessment of Computed Tomography-derived Fractional Flow Reserve: An Intraindividual Comparison Study. <i>Journal of Computer Assisted Tomography</i> , 2022, 46, 23-28.	0.5	2
4	Association between right ventricular strain and outcomes in patients with dilated cardiomyopathy. <i>Heart</i> , 2021, 107, 1233-1239.	1.2	26
5	Heterozygous PAX6 mutations may lead to hyperproinsulinaemia and glucose intolerance: A case-control study in families with congenital aniridia. <i>Diabetic Medicine</i> , 2021, 38, e14456.	1.2	3
6	Fully automatic framework for comprehensive coronary artery calcium scores analysis on non-contrast cardiac-gated CT scan: Total and vessel-specific quantifications. <i>European Journal of Radiology</i> , 2021, 134, 109420.	1.2	19
7	Myocardial extracellular volume fraction quantification in an animal model of the doxorubicin-induced myocardial fibrosis: a synthetic hematocrit method using 3T cardiac magnetic resonance. <i>Quantitative Imaging in Medicine and Surgery</i> , 2021, 11, 510-520.	1.1	4
8	Myocardial extracellular volume fraction analysis in doxorubicin-induced beagle models: comparison of dual-energy CT with equilibrium contrast-enhanced single-energy CT. <i>Cardiovascular Diagnosis and Therapy</i> , 2021, 11, 102-110.	0.7	3
9	Cardiac involvement in COVID-19 patients: mid-term follow up by cardiovascular magnetic resonance. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021, 23, 14.	1.6	76
10	Quantitative analysis of three-dimensional left ventricular global strain using coronary computed tomography angiography in patients with heart failure: Comparison with 3T cardiac MR. <i>European Journal of Radiology</i> , 2021, 135, 109485.	1.2	12
11	Coronary Artery Lumen Segmentation in CCTA Using 3D CNN with Partial Annotations. , 2021, , .		0
12	Monitoring of anthracycline-induced myocardial injury using serial cardiac magnetic resonance: An animal study. <i>International Journal of Cardiology</i> , 2021, 328, 111-116.	0.8	1
13	Association Between Left Ventricular Global Function Index and Outcomes in Patients With Dilated Cardiomyopathy. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 751907.	1.1	4
14	Determining the optimal puncture site of CT-guided transthoracic needle aspiration biopsy for the diagnosis of tuberculosis. <i>Journal of Thoracic Disease</i> , 2020, 12, 3987-3994.	0.6	2
15	Analysis of risk factors for gallbladder polyp formation – A retrospective study based on serial ultrasounds. <i>European Journal of Gastroenterology and Hepatology</i> , 2020, 32, 1154-1159.	0.8	2
16	Combination of Percutaneous Lung Biopsy and Xpert MTB/RIF Ultra Enhances the Differential Diagnosis of Tuberculosis: A Prospective Cohort Study. <i>Infectious Diseases and Therapy</i> , 2020, 9, 797-806.	1.8	5
17	A Neural Network Framework for Predicting the Tissue-of-Origin of 15 Common Cancer Types Based on RNA-Seq Data. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 737.	2.0	39
18	Quantitative Assessment of Extracellular Volume in Doxorubicin-Induced Liver Injury in Beagle Models by Equilibrium Computed Tomography. <i>Journal of Computer Assisted Tomography</i> , 2020, 44, 204-208.	0.5	0

#	ARTICLE	IF	CITATIONS
19	Morphometric and hemodynamic parameter dataset for coronary artery aneurysms caused by atherosclerosis. <i>Data in Brief</i> , 2019, 25, 104293.	0.5	3
20	Aortic Arch Calcification Is a Strong Predictor of the Severity of Coronary Artery Disease in Patients with Acute Coronary Syndrome. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	5
21	Concurrent Hearing and Genetic Screening of 180,469 Neonates with Follow-up in Beijing, China. <i>American Journal of Human Genetics</i> , 2019, 105, 803-812.	2.6	66
22	Quantification of doxorubicin-induced interstitial myocardial fibrosis in a beagle model using equilibrium contrast-enhanced computed tomography: A comparative study with cardiac magnetic resonance T1-mapping. <i>International Journal of Cardiology</i> , 2019, 281, 150-155.	0.8	14
23	Morphometry and hemodynamics of coronary artery aneurysms caused by atherosclerosis. <i>Atherosclerosis</i> , 2019, 284, 187-193.	0.4	14
24	Origin of the T790M mutation and its impact on the clinical outcomes of patients with lung adenocarcinoma receiving EGFR-TKIs. <i>Pathology Research and Practice</i> , 2019, 215, 946-951.	1.0	5
25	Second-generation motion correction algorithm improves diagnostic accuracy of single-beat coronary CT angiography in patients with increased heart rate. <i>European Radiology</i> , 2019, 29, 4215-4227.	2.3	29
26	Active immunization using hand-push emulsification method increases the operator's risk of transcutaneous immunization. <i>Biochemical and Biophysical Research Communications</i> , 2018, 506, 970-975.	1.0	0
27	Use of low-dose computed tomography to assess pulmonary tuberculosis among healthcare workers in a tuberculosis hospital. <i>Infectious Diseases of Poverty</i> , 2017, 6, 68.	1.5	15
28	Establishment and Application of Early Risk Stratification Method for Acute Abdominal Pain in Adults. <i>Chinese Medical Journal</i> , 2017, 130, 530-535.	0.9	3
29	Alteration of spontaneous neuronal activity within the salience network in partially remitted depression. <i>Brain Research</i> , 2015, 1599, 93-102.	1.1	29
30	Identifying the affected hemisphere with a multimodal approach in MRI-positive or negative, unilateral or bilateral temporal lobe epilepsy. <i>Neuropsychiatric Disease and Treatment</i> , 2014, 10, 71.	1.0	16
31	Strabismus surgery distribution during 10-year period in a tertiary hospital. <i>Chinese Medical Journal</i> , 2014, 127, 2911-4.	0.9	1
32	3D texture analysis of hippocampus based on MR images in patients with alzheimer disease and mild cognitive impairment. , 2010, , .		19