Andrew Lin

List of Publications by Year
in descending order

41 papers	894 citations	430874 18 h-index	501196 28 g-index
45 all docs	45 docs citations	45 times ranked	875 citing authors

#	Article	IF	Citations
1	CT-based radiomics and machine learning for the prediction of myocardial ischemia: Toward increasing quantification. Journal of Nuclear Cardiology, 2022, 29, 275-277.	2.1	4
2	Coronary computed tomography angiography-based assessment of vascular inflammation in patients with obstructive sleep apnoea and coronary artery disease. Cardiovascular Diagnosis and Therapy, 2022, 12, 123-134.	1.7	1
3	Radiomics-Based Precision PhenotypingÂIdentifies Unstable Coronary Plaques From Computed Tomography Angiography. JACC: Cardiovascular Imaging, 2022, 15, 859-871.	5.3	24
4	Association of Plaque Location and Vessel Geometry Determined by Coronary Computed Tomographic Angiography With Future Acute Coronary Syndromeâ€"Causing Culprit Lesions. JAMA Cardiology, 2022, 7, 309.	6.1	13
5	Deep learning-enabled coronary CT angiography for plaque and stenosis quantification and cardiac risk prediction: an international multicentre study. The Lancet Digital Health, 2022, 4, e256-e265.	12.3	85
6	Pericoronary Adipose Tissue Attenuation, Low-Attenuation Plaque Burden, and 5-Year Risk of Myocardial Infarction. JACC: Cardiovascular Imaging, 2022, 15, 1078-1088.	5.3	46
7	Atherogenic index of plasma is associated with epicardial adipose tissue volume assessed on coronary computed tomography angiography. Scientific Reports, 2022, 12, .	3.3	4
8	Dilatation of the Ascending Aorta in Turner Syndrome: Influence of Bicuspid Aortic Valve Morphology and Body Composition. Heart Lung and Circulation, 2021, 30, e29-e36.	0.4	5
9	Machine learning integration of circulating and imaging biomarkers for explainable patient-specific prediction of cardiac events: A prospective study. Atherosclerosis, 2021, 318, 76-82.	0.8	37
10	Influence of Coronary Artery Calcium Score on Computed Tomographyâ€"Derived Fractional Flow Reserve. JACC: Cardiovascular Imaging, 2021, 14, 702-703.	5.3	6
11	Epicardial adipose tissue is associated with extent of pneumonia and adverse outcomes in patients with COVID-19. Metabolism: Clinical and Experimental, 2021, 115, 154436.	3.4	48
12	Pericoronary adipose tissue computed tomography attenuation distinguishes different stages of coronary artery disease: a cross-sectional study. European Heart Journal Cardiovascular Imaging, 2021, 22, 298-306.	1.2	52
13	Artificial Intelligence in Cardiovascular Imaging for Risk Stratification in Coronary Artery Disease. Radiology: Cardiothoracic Imaging, 2021, 3, e200512.	2.5	39
14	Epicardial fat and coronary artery disease: Role of cardiac imaging. Atherosclerosis, 2021, 321, 30-38.	0.8	54
15	Artificial intelligence in cardiovascular CT: Current status and future implications. Journal of Cardiovascular Computed Tomography, 2021, 15, 462-469.	1.3	20
16	Cardiac Computed Tomography Radiomics for the Non-Invasive Assessment of Coronary Inflammation. Cells, 2021, 10, 879.	4.1	19
17	Pericoronary Adipose Tissue Attenuation Is Associated with High-Risk Plaque and Subsequent Acute Coronary Syndrome in Patients with Stable Coronary Artery Disease. Cells, 2021, 10, 1143.	4.1	23
18	The Emerging Role of CT-Based Imaging in Adipose Tissue and Coronary Inflammation. Cells, 2021, 10, 1196.	4.1	12

#	ARTICLE	IF	CITATIONS
19	155â€¦Pericoronary adipose tissue attenuation, low attenuation plaque burden and 5-year risk of myocardial infarction. , 2021, , .		0
20	Metabolic syndrome, fatty liver, and artificial intelligence-based epicardial adipose tissue measures predict long-term risk of cardiac events: a prospective study. Cardiovascular Diabetology, 2021, 20, 27.	6.8	33
21	Machine-Learning CT-FFR and ExtensiveÂCoronary Calcium. JACC: Cardiovascular Imaging, 2020, 13, 771-773.	5.3	6
22	Cholesterol crystal-induced coronary inflammation: Insights from optical coherence tomography and pericoronary adipose tissue computed tomography attenuation. Journal of Cardiovascular Computed Tomography, 2020, 14, 277-278.	1.3	6
23	Quantitative Burden of COVID-19 Pneumonia at Chest CT Predicts Adverse Outcomes: A Post Hoc Analysis of a Prospective International Registry. Radiology: Cardiothoracic Imaging, 2020, 2, e200389.	2.5	32
24	Myocardial Infarction Is Associated With A Distinct Pericoronary Adipose Tissue Radiomic Phenotype: A Prospective Case-Control Study. Journal of Cardiovascular Computed Tomography, 2020, 14, S19.	1.3	0
25	402 Role of Coronary Inflammation in High-Risk Plaque and Acute Coronary Syndrome in Patients With Stable Coronary Artery Disease: Insights from Pericoronary Adipose Tissue Attenuation (PCAT) on CTCA. Heart Lung and Circulation, 2020, 29, S219.	0.4	1
26	Is spontaneous coronary artery dissection (SCAD) related to vascular inflammation and epicardial fat? â€"insights from computed tomography coronary angiography. Cardiovascular Diagnosis and Therapy, 2020, 10, 239-241.	1.7	9
27	Artificial intelligence: improving the efficiency of cardiovascular imaging. Expert Review of Medical Devices, 2020, 17, 565-577.	2.8	20
28	Determinants of Diastolic Dysfunction Following Myocardial Infarction: Evidence for Causation Beyond InfarctÂSize. Heart Lung and Circulation, 2020, 29, 1815-1822.	0.4	3
29	Pericoronary adipose tissue and quantitative global non-calcified plaque characteristics from CT angiography do not differ in matched South Asian, East Asian and European-origin Caucasian patients with stable chest pain. European Journal of Radiology, 2020, 125, 108874.	2.6	29
30	The Natural history of Epicardial Adipose Tissue Volume and Attenuation: A long-term prospective cohort follow-up study. Scientific Reports, 2020, 10, 7109.	3.3	25
31	Myocardial Infarction Associates With a Distinct Pericoronary Adipose Tissue Radiomic Phenotype. JACC: Cardiovascular Imaging, 2020, 13, 2371-2383.	5.3	86
32	Remnant cholesterol and coronary atherosclerotic plaque burden assessed by computed tomography coronary angiography. Atherosclerosis, 2019, 284, 24-30.	0.8	37
33	Perivascular Adipose Tissue and Coronary Atherosclerosis: from Biology to Imaging Phenotyping. Current Atherosclerosis Reports, 2019, 21, 47.	4.8	67
34	Diastolic Dysfunction Assessed Using Contemporary Guidelines and Prognosis Following Myocardial Infarction. Journal of the American Society of Echocardiography, 2018, 31, 1127-1136.	2.8	44
35	Imaging for Cerebral Complications of Infective Endocarditis: A 10-Year Review. Heart Lung and Circulation, 2017, 26, S379-S380.	0.4	0
36	What Imaging for Cerebral Complications of Infective Endocarditis?. Heart Lung and Circulation, 2016, 25, e109-e110.	0.4	0

#	Article	IF	Citations
37	Abstract 18996: Impact of Infarct Size on Left Ventricular Diastolic Function Following Acute Myocardial Infarction. Circulation, 2015, 132, .	1.6	0
38	PT097 Staphylococcus aureus endocarditis in an Australian tertiary hospital: a 10-year review. , 2014, 9, e184-e185.		0
39	PW078 Imaging for Complications of Infective Endocarditis: a 10 year review. , 2014, 9, e276.		0
40	Single Centre Review of Surgically Managed Aortic Valve Endocarditis. Heart Lung and Circulation, 2014, 23, e53.	0.4	0
41	Is cardiac monitoring during transport of low-risk chest pain patients from the emergency department necessary?. EMA - Emergency Medicine Australasia, 2007, 19, 229-233.	1.1	2