

Jonathan Chan

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,401
citations

567144

15
h-index

434063

31
g-index

40
all docs

40
docs citations

40
times ranked

1305
citing authors

#	ARTICLE	IF	CITATIONS
1	Exploration of the Utility of Speckle-Tracking Echocardiography During Mechanical Ventilation and Mechanical Circulatory Support. , 2022, 4, e0666.		3
2	Novel left and right ventricular strain analysis to detect subclinical myocardial dysfunction in cardiac allograft rejection. International Journal of Cardiovascular Imaging, 2022, 38, 1077-1088.	0.7	2
3	Impact of inter-vendor variability on evaluation of left ventricular mechanical dispersion. Echocardiography, 2022, 39, 54-64.	0.3	1
4	A Clinical and Physiological Prospective Observational Study on the Management of Pediatric Shock in the Post-Fluid Expansion as Supportive Therapy Trial Era*. Pediatric Critical Care Medicine, 2022, 23, 502-513.	0.2	8
5	Left atrial strain imaging differentiates cardiac amyloidosis and hypertensive heart disease. International Journal of Cardiovascular Imaging, 2021, 37, 81-90.	0.7	25
6	Resting global myocardial work can improve interpretation of exercise stress echocardiography. International Journal of Cardiovascular Imaging, 2021, 37, 2409-2417.	0.7	5
7	Prognostic Value of Cardiac Magnetic Resonance Imaging in Acute Coronary Syndrome Patients With Troponin Elevation and Nonobstructive Coronary Arteries. Mayo Clinic Proceedings, 2021, 96, 1822-1834.	1.4	4
8	Left atrial reservoir strain provides incremental value to left atrial volume index for evaluation of left ventricular filling pressure. Echocardiography, 2021, 38, 1503-1513.	0.3	5
9	Global longitudinal strain as a prognostic marker in cardiac resynchronisation therapy: A systematic review. IJC Heart and Vasculature, 2021, 35, 100849.	0.6	4
10	Myocardial work and left ventricular contractile reserve during stress echocardiography: An angiographic validation. Echocardiography, 2021, 38, 1711-1721.	0.3	6
11	Diastolic strain imaging: a new non-invasive tool to detect subclinical myocardial dysfunction in early cardiac allograft rejection. International Journal of Cardiovascular Imaging, 2020, 36, 317-323.	0.7	5
12	Myocardial Work: A New Type of Strain Imaging?. Journal of the American Society of Echocardiography, 2020, 33, 1209-1211.	1.2	21
13	The Learning Curve for Competency in Right Ventricular Longitudinal Strain Analysis. Journal of the American Society of Echocardiography, 2020, 33, 512-514.	1.2	6
14	A Hemodynamic Safety Checklist Can Improve Blood Pressure Monitoring in Patients with Acute Spinal Cord Injury. World Neurosurgery, 2019, 128, e225-e230.	0.7	2
15	Global Myocardial Work Is Superior to Global Longitudinal Strain to Predict Significant Coronary Artery Disease in Patients With Normal Left Ventricular Function and Wall Motion. Journal of the American Society of Echocardiography, 2019, 32, 947-957.	1.2	142
16	Early Changes of Myocardial Function After Transcatheter Aortic Valve Implantation Using Multilayer Strain Speckle Tracking Echocardiography. American Journal of Cardiology, 2019, 123, 956-960.	0.7	18
17	Reproducibility of global left atrial strain and strain rate between novice and expert using multi-vendor analysis software. International Journal of Cardiovascular Imaging, 2019, 35, 419-426.	0.7	19
18	A new approach to assess myocardial work by non-invasive left ventricular pressure-strain relations in hypertension and dilated cardiomyopathy. European Heart Journal Cardiovascular Imaging, 2019, 20, 31-39.	0.5	229

#	ARTICLE	IF	CITATIONS
19	Echocardiographic assessment of myocardial function and mechanics during veno-venous extracorporeal membrane oxygenation. <i>Echo Research and Practice</i> , 2019, 6, 25-35.	0.6	8
20	Folic Acid Improves Vascular Function, But Not Skin Blood Flow, In Heart Failure Patients. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 346.	0.2	0
21	Ageing Alters Right Ventricular But Not Left Ventricular Myocardial Mechanics. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 189.	0.2	0
22	Heart Failure Modulates Thermoregulatory Control Independently Of Differences In Physical Characteristics And Metabolic Heat Production. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 621.	0.2	0
23	Myocardial and haemodynamic responses to two fluid regimens in African children with severe malnutrition and hypovolaemic shock (AFRIM study). <i>Critical Care</i> , 2017, 21, 103.	2.5	24
24	Contrast microsphere enhancement of the tricuspid regurgitant spectral Doppler signal - Is it still necessary with contemporary scanners?. <i>IJC Heart and Vasculature</i> , 2017, 17, 1-10.	0.6	7
25	Reproducibility of Echocardiography-Derived Multilevel Left Ventricular Apical Twist Mechanics. <i>Echocardiography</i> , 2016, 33, 257-263.	0.3	6
26	Late gadolinium enhancement does occur in Tako-tsubo cardiomyopathy â€” A quantitative cardiac magnetic resonance and speckle tracking strain study. <i>IJC Heart and Vasculature</i> , 2016, 12, 68-74.	0.6	9
27	Accuracy of quantitative echocardiographic measures of right ventricular function as compared to cardiovascular magnetic resonance. <i>IJC Heart and Vasculature</i> , 2016, 12, 38-44.	0.6	32
28	Manipulating The Exercise Intensity-duration Matrix Has A Profound Impact On Exercise-induced Functional And Biochemical Perturbations In The Human Heart.. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 800.	0.2	0
29	Exercise-induced Functional And Biochemical Cardiac Perturbations. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 871-872.	0.2	0
30	Altered ventricular mechanics after 60 min of high-intensity endurance exercise: insights from exercise speckle-tracking echocardiography. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H875-H883.	1.5	26
31	Quantitation of mitral regurgitation after percutaneous MitraClip repair: comparison of Doppler echocardiography and cardiac magnetic resonance imaging. <i>Annals of Cardiothoracic Surgery</i> , 2015, 4, 341-51.	0.6	21
32	Diagnostic performance and cost of CT angiography versus stress ECG â€” A randomized prospective study of suspected acute coronary syndrome chest pain in the emergency department (CT-COMPARE). <i>International Journal of Cardiology</i> , 2014, 177, 867-873.	0.8	112
33	Use of Three-Dimensional Speckle-Tracking Echocardiography for Quantitative Assessment of Global Left Ventricular Function: A Comparative Study to Three-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 285-291.	1.2	91
34	Reproducibility of Regional and Global Longitudinal Strains Derived from Two-Dimensional Speckle-Tracking and Doppler Tissue Imaging between Expert and Novice Readers during Quantitative Dobutamine Stress Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2014, 27, 880-887.	1.2	49
35	Exercise-Echocardiography For The Assessment Of Ventricular Strain. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 329.	0.2	0
36	Impact of optimising fluoroscopic implant angles on paravalvular regurgitation in transcatheter aortic valve replacements â€” utility of three-dimensional rotational angiography. <i>EuroIntervention</i> , 2012, 8, 538-545.	1.4	32

#	ARTICLE	IF	CITATIONS
37	Impact of coronary revascularization and transmural extent of scar on regional left ventricular remodelling. <i>European Heart Journal</i> , 2008, 29, 1608-1617.	1.0	427
38	Leflunomide-Associated Pancytopenia With or Without Methotrexate. <i>Annals of Pharmacotherapy</i> , 2004, 38, 1206-1211.	0.9	52