

Kaoru Dohi

List of Publications by Citations

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Version: 2024-04-26

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

58
papers

2,038
citations

21
h-index

45
g-index

62
ext. papers

2,288
ext. citations

4.5
avg, IF

4.41
L-index

#	Paper	IF	Citations
58	Novel speckle-tracking radial strain from routine black-and-white echocardiographic images to quantify dyssynchrony and predict response to cardiac resynchronization therapy. <i>Circulation</i> , 2006 , 113, 960-8	16.7	683
57	Usefulness of echocardiographic tissue synchronization imaging to predict acute response to cardiac resynchronization therapy. <i>American Journal of Cardiology</i> , 2004 , 93, 1178-81	3	231
56	Utility of echocardiographic radial strain imaging to quantify left ventricular dyssynchrony and predict acute response to cardiac resynchronization therapy. <i>American Journal of Cardiology</i> , 2005 , 96, 112-6	3	129
55	Relation of right ventricular free wall mechanical delay to right ventricular dysfunction as determined by tissue Doppler imaging. <i>American Journal of Cardiology</i> , 2005 , 96, 602-6	3	128
54	Native T1 Mapping and Extracellular Volume Mapping for the Assessment of Diffuse Myocardial Fibrosis in Dilated Cardiomyopathy. <i>JACC: Cardiovascular Imaging</i> , 2018 , 11, 48-59	8.4	111
53	Reversible right ventricular regional non-uniformity quantified by speckle-tracking strain imaging in patients with acute pulmonary thromboembolism. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 1353-9	5.8	62
52	Quantification of radial mechanical dyssynchrony in patients with left bundle branch block and idiopathic dilated cardiomyopathy without conduction delay by tissue displacement imaging. <i>American Journal of Cardiology</i> , 2004 , 94, 514-8	3	60
51	Short-term effects of low-dose tolvaptan on hemodynamic parameters in patients with chronic heart failure. <i>Journal of Cardiology</i> , 2012 , 60, 462-9	3	45
50	Effects of radial left ventricular dyssynchrony on cardiac performance using quantitative tissue Doppler radial strain imaging. <i>Journal of the American Society of Echocardiography</i> , 2006 , 19, 475-82	5.8	43
49	Role of radial strain and displacement imaging to quantify wall motion dyssynchrony in patients with left ventricular mechanical dyssynchrony and chronic right ventricular pressure overload. <i>American Journal of Cardiology</i> , 2008 , 101, 1206-12	3	39
48	Effect of combination therapy of ezetimibe and rosuvastatin on regression of coronary atherosclerosis in patients with coronary artery disease. <i>International Heart Journal</i> , 2015 , 56, 278-85	1.8	38
47	Left ventricular contraction-relaxation coupling in normal, hypertrophic, and failing myocardium quantified by speckle-tracking global strain and strain rate imaging. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 747-54	5.8	35
46	Estimation of myocardial extracellular volume fraction with cardiac CT in subjects without clinical coronary artery disease: A feasibility study. <i>Journal of Cardiovascular Computed Tomography</i> , 2016 , 10, 237-41	2.8	33
45	The Speckle Tracking Imaging for the Assessment of Cardiac Resynchronization Therapy (START) study. <i>Circulation Journal</i> , 2015 , 79, 613-22	2.9	29
44	Utility of right ventricular Tei-index for assessing disease severity and determining response to treatment in patients with pulmonary arterial hypertension. <i>Journal of Cardiology</i> , 2014 , 63, 149-53	3	27
43	Diuretic effects of sodium-glucose cotransporter 2 inhibitor in patients with type 2 diabetes mellitus and heart failure. <i>International Journal of Cardiology</i> , 2015 , 201, 1-3	3.2	26
42	Novel diuretic strategies for the treatment of heart failure in Japan. <i>Circulation Journal</i> , 2014 , 78, 1816-23		26

41	Ventricular function and dyssynchrony quantified by speckle-tracking echocardiography in patients with acute and chronic right ventricular pressure overload. <i>Journal of the American Society of Echocardiography</i> , 2013 , 26, 483-92	5.8	26
40	Impact of heart rate on mechanical dyssynchrony and left ventricular contractility in patients with heart failure and normal QRS duration. <i>European Journal of Heart Failure</i> , 2007 , 9, 637-43	12.3	24
39	Role of haemodialytic therapy on left ventricular mechanical dyssynchrony in patients with end-stage renal disease quantified by speckle-tracking strain imaging. <i>Nephrology Dialysis Transplantation</i> , 2011 , 26, 1655-61	4.3	23
38	Reversible left ventricular regional non-uniformity quantified by speckle-tracking displacement and strain imaging in patients with acute pulmonary embolism. <i>Journal of the American Society of Echocardiography</i> , 2011 , 24, 792-802	5.8	21
37	Echocardiographic Assessment of Cardiac Structural and Functional Abnormalities in Patients With End-Stage Renal Disease Receiving Chronic Hemodialysis. <i>Circulation Journal</i> , 2018 , 82, 586-595	2.9	20
36	Chronic Inflammatory Disease Is an Independent Risk Factor for Coronary Flow Velocity Reserve Impairment Unrelated to the Processes of Coronary Artery Calcium Deposition. <i>Journal of the American Society of Echocardiography</i> , 2016 , 29, 173-80	5.8	16
35	Recurrent inflammatory aortic aneurysms in chronic mucocutaneous candidiasis with a gain-of-function STAT1 mutation. <i>International Journal of Cardiology</i> , 2015 , 196, 88-90	3.2	15
34	Cardiovascular magnetic resonance feature tracking for characterization of patients with heart failure with preserved ejection fraction: correlation of global longitudinal strain with invasive diastolic functional indices. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2020 , 22, 42	6.9	14
33	Impact of renal function on the underlying pathophysiology of coronary plaque composition in patients with type 2 diabetes mellitus. <i>Cardiovascular Diabetology</i> , 2017 , 16, 131	8.7	12
32	Comparison of coronary flow velocity reserve measurement by transthoracic Doppler echocardiography with 320-row multidetector computed tomographic coronary angiography in the detection of in-stent restenosis in the three major coronary arteries. <i>American Journal of Cardiology</i> , 2018 , 121, 1230-1236	3	11
31	Diagnostic Accuracy of Endocardial-to-Epicardial Myocardial Blood Flow Ratio for the Detection of Significant Coronary Artery Disease With Dynamic Myocardial Perfusion Dual-Source Computed Tomography. <i>Circulation Journal</i> , 2017 , 81, 1477-1483	2.9	10
30	Utility of strain-echocardiography in current clinical practice. <i>Journal of Echocardiography</i> , 2016 , 14, 61-70	6	9
29	Quantifying longitudinal right ventricular dysfunction in patients with old myocardial infarction by using speckle-tracking strain echocardiography. <i>Cardiovascular Ultrasound</i> , 2013 , 11, 23	2.4	9
28	Echocardiographic assessment of cardiac structure and function in chronic renal disease. <i>Journal of Echocardiography</i> , 2019 , 17, 115-122	1.6	7
27	Echocardiographic estimation of pulmonary capillary wedge pressure using the combination of diastolic annular and mitral inflow velocities. <i>Journal of Echocardiography</i> , 2013 , 11, 1-8	1.6	7
26	Detection of coronary artery disease using coronary flow velocity reserve by transthoracic Doppler echocardiography versus multidetector computed tomography coronary angiography: influence of calcium score. <i>Journal of the American Society of Echocardiography</i> , 2014 , 27, 775-85	5.8	7
25	Myocardial Native T Predicts Load-Independent Left Ventricular Chamber Stiffness In Patients With HFpEF. <i>JACC: Cardiovascular Imaging</i> , 2020 , 13, 2117-2128	8.4	7
24	Detrimental Impact of Vasopressin V2 Receptor Antagonism in a SU5416/Hypoxia/Normoxia-Exposed Rat Model of Pulmonary Arterial Hypertension. <i>Circulation Journal</i> , 2016 , 80, 989-97	2.9	6

23	Myocardial tissue characterization and strain analysis in healthy pregnant women using cardiovascular magnetic resonance native T1 mapping and feature tracking technique. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2018 , 20, 52	6.9	6
22	Calcified amorphous tumor of the heart in a hemodialysis patient. <i>Echocardiography</i> , 2016 , 33, 1926-1928.	5	5
21	Mechanisms and prediction of short-term natriuretic effect of sodium-glucose cotransporter 2 inhibitor in heart failure patients coexisting type 2 diabetes mellitus. <i>Heart and Vessels</i> , 2020 , 35, 1218-1226	4	4
20	Data on correlation between CT-derived and MRI-derived myocardial extracellular volume. <i>Data in Brief</i> , 2016 , 7, 1045-1047	1.2	4
19	Renal resistive index as an indicator of the presence and severity of anemia and its future development in patients with hypertension. <i>BMC Nephrology</i> , 2015 , 16, 45	2.7	3
18	Monitoring of the Evolution of Immune Checkpoint Inhibitor Myocarditis With Cardiovascular Magnetic Resonance. <i>Circulation: Cardiovascular Imaging</i> , 2020 , 13, e010633	3.9	3
17	Tacrolimus-induced left ventricular apical hypertrophy in a patient with post-allogeneic hematopoietic stem cell transplantation. <i>International Journal of Cardiology</i> , 2014 , 177, e22-4	3.2	3
16	Effects of cardiac resynchronization therapy on left ventricular mechanical dyssynchrony induced by right ventricular pacing in a patient with heart failure and preserved ejection fraction. <i>International Journal of Cardiology</i> , 2014 , 177, 1069-72	3.2	3
15	Long-term prognostic value of whole-heart coronary magnetic resonance angiography. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2021 , 23, 56	6.9	3
14	Novel molecular mechanisms in the inhibition of adrenal aldosterone synthesis: Action of tolvaptan via vasopressin V receptor-independent pathway. <i>British Journal of Pharmacology</i> , 2019 , 176, 1315-1327	8.6	3
13	A novel method for the quantitative evaluation of diurnal respiratory instability in patients with heart failure: A pilot study. <i>Journal of Cardiology</i> , 2018 , 71, 159-167	3	2
12	Coronary Microvascular Dysfunction Restored After Surgery in Inflammatory Bowel Disease: A Prospective Observational Study. <i>Journal of the American Heart Association</i> , 2021 , 10, e019125	6	2
11	Management of immune checkpoint inhibitor myocarditis: a serial cardiovascular magnetic resonance T2 mapping approach. <i>European Heart Journal</i> , 2021 , 42, 2869	9.5	2
10	Myocardial tissue imaging with cardiovascular magnetic resonance.. <i>Journal of Cardiology</i> , 2022 ,	3	2
9	Differences in Prognosis and Cardiac Function According to Required Percutaneous Mechanical Circulatory Support and Histological Findings in Patients With Fulminant Myocarditis: Insights From the CHANGE PUMP 2 Study.. <i>Journal of the American Heart Association</i> , 2022 , 11, e023719	6	1
8	Serial Native T1 Assessment for LV Functional Recovery in Recent-Onset DCM: A Comparison With Histology. <i>JACC: Cardiovascular Imaging</i> , 2021 , 15, 369-369	8.4	1
7	Quantification of extracellular volume fraction by cardiac computed tomography for noninvasive assessment of myocardial fibrosis in hemodialysis patients. <i>Scientific Reports</i> , 2020 , 10, 15367	4.9	1
6	Prognostic importance of acute phase extracellular volume evaluated by cardiac magnetic resonance imaging for patients with acute myocardial infarction. <i>International Journal of Cardiovascular Imaging</i> , 2021 , 37, 3285-3297	2.5	1

5	Clinical Validation of the Accuracy of Absolute Myocardial Blood Flow Quantification with Dual-Source CT Using O-Water PET. <i>Radiology: Cardiothoracic Imaging</i> , 2021 , 3, e210060	8.3	o
4	Fatal myopericarditis complicated with coronary vein perforation under the triple antithrombotic therapy: a case report. <i>European Heart Journal - Case Reports</i> , 2021 , 5, ytab098	0.9	o
3	Autopsy study of pulmonary capillary hemangiomatosis with inflammatory cell infiltration into the myocardium. <i>Pulmonary Circulation</i> , 2020 , 10, 2045894020960600	2.7	
2	Atrial wall thickening, fevers, and atrial fibrillation caused by immunoglobulin G4-related biatrial cardiomyopathy. <i>European Heart Journal</i> , 2020 , 41, 3488	9.5	
1	Marked changes in bioprosthetic valve thrombosis by anticoagulation therapy. <i>European Heart Journal - Case Reports</i> , 2019 , 3, 1-3	0.9	