Hiroto Utsunomiya

List of Publications by Year
in descending order

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30 papers	778 citations	566801 15 h-index	525886 27 g-index
30 all docs	30 docs citations	30 times ranked	1140 citing authors

#	Article	IF	Citations
1	Functional Tricuspid Regurgitation Caused by Chronic Atrial Fibrillation. Circulation: Cardiovascular Imaging, 2017, 10, .	1.3	181
2	Association between epicardial adipose tissue volume and characteristics of non-calcified plaques assessed by coronary computed tomographic angiography. International Journal of Cardiology, 2012, 161, 45-49.	0.8	82
3	Association Between Visceral Adipose Tissue Area and Coronary Plaque Morphology Assessed by CT Angiography. JACC: Cardiovascular Imaging, 2010, 3, 908-917.	2.3	68
4	Underestimation of aortic valve area in calcified aortic valve disease: Effects of left ventricular outflow tract ellipticity. International Journal of Cardiology, 2012, 157, 347-353.	0.8	49
5	Tricuspid valve geometry and right heart remodelling: insights into the mechanism of atrial functional tricuspid regurgitation. European Heart Journal Cardiovascular Imaging, 2020, 21, 1068-1078.	0.5	43
6	Combined presence of aortic valve calcification and mitral annular calcification as a marker of the extent and vulnerable characteristics of coronary artery plaque assessed by 64-multidetector computed tomography. Atherosclerosis, 2010, 213, 166-172.	0.4	39
7	A simple method to predict impaired right ventricular performance and disease severity in chronic pulmonary hypertension using strain rate imaging. International Journal of Cardiology, 2011, 147, 88-94.	0.8	36
8	Comprehensive Evaluation of Tricuspid Regurgitation Location and Severity Using Vena Contracta Analysis: A Color Doppler Three-Dimensional Transesophageal Echocardiographic Study. Journal of the American Society of Echocardiography, 2019, 32, 1526-1537.e2.	1.2	36
9	Value of Estimated Right Ventricular Filling Pressure in Predicting Cardiac Events in Chronic Pulmonary Arterial Hypertension. Journal of the American Society of Echocardiography, 2009, 22, 1368-1374.	1.2	34
10	Usefulness of 3D echocardiographic parameters of tricuspid valve morphology to predict residual tricuspid regurgitation after tricuspid annuloplasty. European Heart Journal Cardiovascular Imaging, 2017, 18, 809-817.	0.5	26
11	Exercise-Stress Echocardiography and Effort Intolerance in Asymptomatic/Minimally Symptomatic Patients With Degenerative Mitral Regurgitation Combined Invasiveâ€“Noninvasive Hemodynamic Monitoring. Circulation: Cardiovascular Imaging, 2018, 11, e007282.	1.3	23
12	Successful catheter ablation of persistent atrial fibrillation is associated with improvement in functional tricuspid regurgitation and right heart reverse remodeling. Heart and Vessels, 2020, 35, 842-851.	0.5	23
13	Causes of an increased pressure gradient through the left ventricular outflow tract: a West Coast experience. Journal of Echocardiography, 2018, 16, 34-41.	0.4	19
14	Different indicators for postprocedural mitral stenosis caused by single- or multiple-clip implantation after percutaneous mitral valve repair. Journal of Cardiology, 2018, 71, 336-345.	0.8	19
15	Clinical Impact of Size, Shape, and Orientation of the Tricuspid Annulus in Tricuspid Regurgitation as Assessed by Three-Dimensional Echocardiography. Journal of the American Society of Echocardiography, 2020, 33, 191-200.e1.	1.2	18
16	Impact of Percutaneous Edge-to-Edge Repair in Patients With Atrial Functional Mitral Regurgitation. Circulation Journal, 2021, 85, 1001-1010.	0.7	18
17	Evaluation of vegetation size and its relationship with septic pulmonary embolism in tricuspid valve infective endocarditis: A real time 3<scp>DTEE</scp> study. Echocardiography, 2017, 34, 549-556.	0.3	11
18	Comparison of mitral valve geometrical effect of percutaneous edge-to-edge repair between central and eccentric functional mitral regurgitation: clinical implications. European Heart Journal Cardiovascular Imaging, 2019, 20, 455-466.	0.5	11

#	Article	IF	Citations
19	Geometric changes in ventriculoaortic complex after transcatheter aortic valve replacement and its association with post-procedural prosthesisâ€“patient mismatch: an intraprocedural 3D-TEE study. European Heart Journal Cardiovascular Imaging, 2017, 18, 1-10.	0.5	7
20	Mitral systolic velocity at peak exercise predicts impaired exercise capacity in patients with heart failure with preserved ejection fraction. Echocardiography, 2017, 34, 217-225.	0.3	6
21	Prevalence, distribution, and determinants of pulmonary venous systolic flow reversal in severe mitral regurgitation. European Heart Journal Cardiovascular Imaging, 2021, 22, 964-973.	0.5	5
22	Impact of the distribution of epicardial and visceral adipose tissue on left ventricular diastolic function. Heart and Vessels, 2021, , 1.	0.5	5
23	Impact of Mitral Annular Displacement on Left Ventricular Diastolic Function Improvement After Transcatheter Aortic Valve Implantation. Circulation Journal, 2017, 81, 558-566.	0.7	4
24	Determinants of Exercise-Induced Mitral Regurgitation Using Three-Dimensional Transesophageal Echocardiography Combined With Isometric Handgrip Exercise. American Journal of Cardiology, 2021, 151, 78-85.	0.7	4
25	Role of anatomical regurgitant orifice area and right ventricular contractile reserve in severe tricuspid regurgitation. European Heart Journal Cardiovascular Imaging, 2022, 23, 989-1000.	0.5	4
26	Predominant Posterior Annular Dilatation Is Associated with Vena Contracta Morphology in Atrial Functional Tricuspid Regurgitation. Journal of the American Society of Echocardiography, 2022, 35, 588-599.	1.2	3
27	Role of 3-Dimensional Echocardiography in the Comprehensive Evaluation of the Tricuspid Valve in Patients With Tricuspid Regurgitation. Circulation Reports, 2020, 2, 1-9.	0.4	2
28	Severe heart failure (NYHA Class IV) is associated with increased left ventricular mass index and short mitral deceleration time in severe aortic valve stenosis. Echocardiography, 2018, 35, 1108-1115.	0.3	1
29	Early mitral inflow velocity to left ventricular global strain ratio predicts limited exercise capacity. Echocardiography, 2019, 36, 503-511.	0.3	1
30	Abstract 15424: Tricuspid Valve Geometry and Right Heart Remodeling: Insights Into the Mechanism of Atrial Functional Tricuspid Regurgitation. Circulation, 2020, 142, .	1.6	0