

Koya Ozawa

List of Publications by Year in descending order

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72
papers

688
citations

623734

14
h-index

713466

21
g-index

72
all docs

72
docs citations

72
times ranked

895
citing authors

#	ARTICLE	IF	CITATIONS
1	Thrombotic microangiopathy as a cause of cardiovascular toxicity from the BCR-ABL1 tyrosine kinase inhibitor ponatinib. <i>Blood</i> , 2019, 133, 1597-1606.	1.4	65
2	Characteristic myocardial strain identified in hypertrophic cardiomyopathy subjects with preserved left ventricular ejection fraction using a novel multi-layer transthoracic echocardiography technique. <i>International Journal of Cardiology</i> , 2015, 184, 237-243.	1.7	49
3	Determination of optimum periods between onset of suspected acute myocarditis and 18F-fluorodeoxyglucose positron emission tomography in the diagnosis of inflammatory left ventricular myocardium. <i>International Journal of Cardiology</i> , 2013, 169, 196-200.	1.7	33
4	Utility of three-dimensional global longitudinal strain of the right ventricle using transthoracic echocardiography for right ventricular systolic function in pulmonary hypertension. <i>International Journal of Cardiology</i> , 2014, 174, 426-430.	1.7	28
5	Adaptive-Iterative-Dose-Reduction 3D with multisector-reconstruction method in 320-slice CT may maintain accurate-measurement of the Agatston-calcium-score of severe-calcification even at higher pulsating-beats and low tube-current in vitro. <i>International Journal of Cardiology</i> , 2013, 168, 601-603.	1.7	21
6	Regional Peak Longitudinal-Strain by 2D Speckle-Tracking TTE Provides Useful Information to Distinguish Fibrotic from Non-Fibrotic Lesions in LV Myocardium on Cardiac MR in Hypertrophic Cardiomyopathy. <i>International Journal of Cardiology</i> , 2013, 168, 4520-4523.	1.7	19
7	Flow Augmentation in the Myocardium by Ultrasound Cavitation of Microbubbles: Role of Shear-Mediated Purinergic Signaling. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 1023-1031.e2.	2.8	19
8	Specific organized substrates of ventricular fibrillation: Comparison of 320-slice CT heart images in non-ischemic ventricular fibrillation subjects with non-ischemic sustained and non-sustained ventricular tachycardia subjects. <i>International Journal of Cardiology</i> , 2013, 168, 1472-1478.	1.7	18
9	Molecular Imaging of VWF (von Willebrand Factor) and Platelet Adhesion in Postischemic Impaired Microvascular Reflow. <i>Circulation: Cardiovascular Imaging</i> , 2018, 11, e007913.	2.6	18
10	CHA2DS2-VASc score is a useful-predictor of not prognosis but coronary-arteriosclerosis in chronic atrial-fibrillation compared with CHADS2 score: A two-center study of 320-slice CT, part 2. <i>International Journal of Cardiology</i> , 2014, 177, 368-373.	1.7	17
11	Left ventricular myocardial strain gradient using a novel multi-layer transthoracic echocardiography technique positively correlates with severity of aortic stenosis. <i>International Journal of Cardiology</i> , 2016, 221, 218-226.	1.7	17
12	Risk stratification using myocardial peak longitudinal-strain on speckle-tracking transthoracic-echocardiogram to predict major adverse cardiac events in non ischemic hypertrophic-cardiomyopathy subjects confirmed by MDCT. <i>International Journal of Cardiology</i> , 2013, 168, 4586-4589.	1.7	16
13	Resting multilayer 2D speckle-tracking transthoracic echocardiography for the detection of clinically stable myocardial ischemic segments confirmed by invasive fractional flow reserve. Part 1: Vessel-by-vessel analysis. <i>International Journal of Cardiology</i> , 2016, 218, 324-332.	1.7	16
14	Sigmoid shaped interventricular septum exhibit normal myocardial characteristics and has a relationship with aging, ascending aortic sclerosis and its tilt to left ventricle. <i>International Journal of Cardiology</i> , 2013, 168, 4484-4488.	1.7	15
15	Contribution of myocardial layers of right ventricular free wall to right ventricular function in pulmonary hypertension: Analysis using multilayer longitudinal strain by two-dimensional speckle-tracking echocardiography. <i>International Journal of Cardiology</i> , 2016, 215, 457-462.	1.7	14
16	A two center 320 slice CT study for evaluating coronary arteries in subjects with chronic atrial fibrillation: A comparison of prospective and retrospective ECG-gating acquisition. <i>International Journal of Cardiology</i> , 2014, 177, 374-379.	1.7	13
17	The CHADS2 score is a useful predictor of coronary arteriosclerosis on 320 slice CT and may correlate with prognosis in subjects with atrial fibrillation. <i>International Journal of Cardiology</i> , 2015, 179, 84-89.	1.7	13
18	Distinguishing 320 slice CT-detected focal fibrotic lesions and non-fibrotic lesions in hypertrophic cardiomyopathy by assessment of regional myocardial strain using two dimensional speckle tracking echocardiography. <i>International Journal of Cardiology</i> , 2013, 169, e109-e113.	1.7	12

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19	Myocardial fibrosis in the right ventricle detected on ECG gated 320 slice CT showed a short term poor prognosis in subjects with pulmonary hypertension. <i>International Journal of Cardiology</i> , 2013, 168, 584-586.	1.7	12
20	Proteolysis of Von Willebrand Factor Influences Inflammatory Endothelial Activation and Vascular Compliance in Atherosclerosis. <i>JACC Basic To Translational Science</i> , 2020, 5, 1017-1028.	4.1	12
21	Arterial Platelet Adhesion in Atherosclerosisâ€Prone Arteries of Obese, Insulinâ€Resistant Nonhuman Primates. <i>Journal of the American Heart Association</i> , 2021, 10, e019413.	3.7	12
22	Successful MACE risk stratification in hypertrophic cardiomyopathy patients using different 2D speckle-tracking TTE approaches. <i>International Journal of Cardiology</i> , 2017, 228, 1015-1021.	1.7	11
23	Improved Diagnosis of Detection of Late Enhancement in Left Ventricular Myocardium Using 2nd Generation 320-Slice CT Reconstructed with FIRST in Non-Ischemic Cardiomyopathy. <i>International Heart Journal</i> , 2018, 59, 542-549.	1.0	11
24	Efficiency of quantitative longitudinal peak systolic strain values using automated function imaging on transthoracic echocardiogram for evaluating left ventricular wall motion: New diagnostic criteria and agreement with naked eye evaluation by experienced cardiologist. <i>International Journal of Cardiology</i> , 2013, 167, 1625-1631.	1.7	10
25	Two dimensional global longitudinal strain of right ventricle using transthoracic echocardiography can detect right ventricular fibrosis confirmed by 320 slice CT in pulmonary hypertension. <i>International Journal of Cardiology</i> , 2014, 172, e230-e233.	1.7	10
26	Successful prediction of MACE by myocardial fibrosis on CT in hypertrophic cardiomyopathy patients without obstructed coronary arteries. <i>International Journal of Cardiology</i> , 2015, 199, 34-37.	1.7	10
27	Ultrasound molecular imaging: insights into cardiovascular pathology. <i>Journal of Echocardiography</i> , 2020, 18, 86-93.	0.8	10
28	Detection of right ventricular myocardial fibrosis using quantitative CT attenuation of the right ventricular myocardium in the late phase on 320 slice CT in subjects with pulmonary hypertension. <i>International Journal of Cardiology</i> , 2017, 228, 165-168.	1.7	9
29	Regional layer-specific longitudinal peak systolic strain using exercise stress two-dimensional speckle-tracking echocardiography for the detection of functionally significant coronary artery disease. <i>Heart and Vessels</i> , 2019, 34, 1394-1403.	1.2	9
30	Various morphological types of fragmented ventricular premature beats on 12 lead Holter ECG had positive relationship with LV fibrotic volume on CMR in HCM subjects. <i>International Journal of Cardiology</i> , 2013, 168, 5015-5022.	1.7	8
31	Consistencies of 3D TTE global longitudinal strain of both ventricles between assessors were worse for 2D, but better for 3D ventricular EF. <i>International Journal of Cardiology</i> , 2015, 198, 140-151.	1.7	8
32	Resting multilayer 2D speckle-tracking TTE for detection of ischemic segments confirmed by invasive FFR part-2, using post-systolic-strain-index and time from aortic-valve-closure to regional peak longitudinal-strain. <i>International Journal of Cardiology</i> , 2016, 217, 149-155.	1.7	8
33	Inter- and intraobserver consistency in LV myocardial strain measurement using a novel multi-layer technique in patients with severe aortic stenosis and preserved LV ejection fraction. <i>International Journal of Cardiology</i> , 2017, 228, 687-693.	1.7	8
34	Clinical significance of fat infiltration in the moderator band and right ventricular myocardium in multislice CT, and its association with abnormal conduction seen in electrocardiogram. <i>International Journal of Cardiology</i> , 2013, 168, 352-356.	1.7	7
35	Risk stratification using a combination of left ventricular fibrosis and number of morphological types of ventricular premature beats in cardiomyopathy subjects without obstructed coronary arteries. <i>International Journal of Cardiology</i> , 2014, 176, 236-239.	1.7	7
36	Blandâ€“Whiteâ€“Garland syndrome diagnosed by computed tomography. <i>International Journal of Cardiology</i> , 2015, 201, 465-468.	1.7	7

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37	Layer specific strain measurement and its relationship to heart failure indicators in systemic autoimmune disorder patients: A multi-layer transthoracic echocardiography study. <i>International Journal of Cardiology</i> , 2016, 220, 693-699.	1.7	7
38	Quantitative Differentiation of LV Myocardium with and without Layer-Specific Fibrosis Using MRI in Hypertrophic Cardiomyopathy and Layer-Specific Strain TTE Analysis. <i>International Heart Journal</i> , 2018, 59, 523-530.	1.0	7
39	Augmentation of Tissue Perfusion with Contrast Ultrasound: Influence of Three-Dimensional Beam Geometry and Conducted Vasodilation. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 887-895.	2.8	7
40	Improvement and problems in appropriate use of cardiac CT: 2003, 2007 and 2011 use of CT-based on ACCF/SCCT/ACR/AHA/ASE/ASNC/NASCI/SCAI/SCMR 2010 appropriate use criteria for cardiac CT. <i>International Journal of Cardiology</i> , 2014, 174, 385-388.	1.7	6
41	Influence of tube voltage and heart rate on the Agatston calcium score using an in vitro, novel ECG-gated dual energy reconstruction 320 slice CT technique. <i>International Journal of Cardiology</i> , 2015, 180, 218-220.	1.7	6
42	An educational intervention to help medical students achieve accurate and consistent measurement of longitudinal myocardial strain on transthoracic echocardiogram. <i>International Journal of Cardiology</i> , 2015, 201, 300-301.	1.7	6
43	Endocardial Fibrotic Lesions Have a Greater Effect on Peak Longitudinal Strain than Epicardial Fibrotic Lesions in Hypertrophic Cardiomyopathy Patients. <i>International Heart Journal</i> , 2018, 59, 347-353.	1.0	6
44	Echocardiographic Molecular Imaging of the Effect of Anticytokine Therapy for Atherosclerosis. <i>Journal of the American Society of Echocardiography</i> , 2021, 34, 433-442.e3.	2.8	6
45	Various morphological-types of all and fragmented ventricular premature beats on a 12-lead Holter-ECG had positive-relationship with occurrence of LV fibrosis on CT in HCM subjects. <i>International Journal of Cardiology</i> , 2014, 171, 450-456.	1.7	5
46	Left ventricular diastolic dysfunction and increased left ventricular mass index related to pulmonary hypertension in patients with systemic autoimmune disease without pericardial effusion. <i>International Journal of Cardiology</i> , 2016, 220, 268-272.	1.7	5
47	Immunological and inflammatory processes in systemic autoimmune disease may not only cause pericardium inflammation, but may also cause mitral valve deterioration and left ventricular wall thickening. <i>International Journal of Cardiology</i> , 2016, 215, 466-471.	1.7	5
48	LAA CT contrast defects correlate with TEE LAA velocity and CHADS2-score and are a prognostic indicator for embolism in subjects with atrial fibrillation or flutter. <i>International Journal of Cardiology</i> , 2015, 185, 297-300.	1.7	4
49	Determination of best post-systolic shortening parameters on resting TTE for detection of left ventricular ischemic segments quantitatively confirmed by invasive fractional flow reserve. <i>International Journal of Cardiology</i> , 2016, 222, 27-30.	1.7	4
50	Differentiation of infarcted, ischemic, and non-ischemic LV myocardium using post-systolic strain index assessed by resting two-dimensional speckle tracking transthoracic echocardiography. <i>International Journal of Cardiology</i> , 2016, 219, 308-311.	1.7	4
51	A case of very severe aortic stenosis due to unicuspid aortic valve mimicking bicuspid aortic valve with calcification on cardiac computed tomography. <i>International Journal of Cardiology</i> , 2016, 215, 516-518.	1.7	4
52	Regional and Conducted Vascular Effects of Endovascular Ultrasound Catheters. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 2361-2369.	1.5	4
53	Better agreement between independent assessors of three-dimensional global longitudinal strain of whole right ventricle using transthoracic echocardiography than for other three-dimensional right ventricular parameters. <i>International Journal of Cardiology</i> , 2013, 169, e56-e61.	1.7	3
54	Detection of right ventricular wall motion asynergy confirmed on four-dimensional 320-slice CT by two-dimensional global longitudinal strain of right ventricle using transthoracic-echocardiography in pulmonary hypertension. <i>International Journal of Cardiology</i> , 2013, 169, e70-e74.	1.7	3

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55	Computed tomography is important in appropriately diagnosing patients with third-degree atrioventricular block and second-degree atrioventricular block but not Wenckebach type. <i>International Journal of Cardiology</i> , 2017, 228, 700-706.	1.7	3
56	2D speckle-tracking TTE-based quantitative classification of left ventricular myocardium in patients with hypertrophic cardiomyopathy by the presence or the absence of fibrosis and/or hypertrophy. <i>Heart and Vessels</i> , 2018, 33, 1046-1051.	1.2	3
57	Answer to comprehensive role of advanced imaging in assessing arrhythmic substrates. <i>International Journal of Cardiology</i> , 2013, 168, 4472-4474.	1.7	2
58	Consistency of estimated-origin of representative ventricular premature beats by 12-lead ambulatory ECG with late-enhancement site in left-ventricle by CMR with quantitative volumetric threshold in HCM. <i>International Journal of Cardiology</i> , 2014, 172, e238-e242.	1.7	2
59	Multiple infective coronary arteritis complicated with bacterial pericarditis. <i>International Journal of Cardiology</i> , 2015, 187, 1-3.	1.7	2
60	Massive myocardial aneurysm due to inferior to posterior myocardial infarction complicated with right-sided heart failure in a 36-year-old male. <i>International Journal of Cardiology</i> , 2016, 209, 98-102.	1.7	2
61	Novel three dimensional myocardial strain parameter thresholds on resting transthoracic echocardiography for detection of left ventricular ischemic segments determined by invasive fractional flow reserve. <i>International Journal of Cardiology</i> , 2016, 220, 871-875.	1.7	2
62	The use of whole thoracic ECG-gated MDCT for the de novo diagnosis of isolated patent ductus arteriosus in middle aged or older subjects. <i>International Journal of Cardiology</i> , 2016, 224, 62-64.	1.7	2
63	Giant pulmonary trunk with Eisenmenger flow through patent ductus arteriosus. <i>International Journal of Cardiology</i> , 2016, 204, 248-251.	1.7	2
64	Treatment of Limb Ischemia with Conducted Effects of Catheter-Based Endovascular Ultrasound. <i>Ultrasound in Medicine and Biology</i> , 2021, 47, 2277-2285.	1.5	2
65	Early pregnancy-associated cardiomyopathy complicated with a complete hydatidiform mole coexistent with a live fetus and exacerbated by induced abortion. <i>International Journal of Cardiology</i> , 2015, 198, 170-173.	1.7	1
66	Combined ostium secundum type ASD and pulmonary arterial thromboembolism causing pulmonary artery enlargement, pulmonary hypertension and recurrent paradoxical cerebral embolism due to deep venous thrombosis. <i>International Journal of Cardiology</i> , 2016, 207, 303-307.	1.7	1
67	A case of osteopetrosis with severe aortic stenosis treated by transcatheter aortic valve implantation. <i>Journal of Cardiology Cases</i> , 2013, 8, 113-115.	0.5	0
68	320-slice CT-based finding of aortic wall tissue invasion into left-main coronary artery does not have relationship with coronary risk factors and coronary arteriosclerosis and stenosis. <i>International Journal of Cardiology</i> , 2014, 172, e207-e209.	1.7	0
69	Which number of morphological types of ventricular premature beats predicts poor prognosis in subjects with various cardiomyopathies without obstructed coronary arteries?. <i>International Journal of Cardiology</i> , 2014, 176, 243-247.	1.7	0
70	Respiratory function in candidates for cardiac 320-slice CT: Relationship between coronary arterial findings, left ventricle size, and ventricular function, with emphysema, FEV1.0%, %VC, and prognosis. <i>International Journal of Cardiology</i> , 2016, 224, 4-7.	1.7	0
71	Detection of right ventricle wall motion asynergy in pulmonary hypertension subjects without left-sided heart disease. <i>International Journal of Cardiology</i> , 2016, 222, 375-378.	1.7	0
72	Fair prognosis in heterotypic familial hypercholesterolemia subjects with statin use even with severe coronary calcification and radiation exposure from CT: A median 88.5-month follow-up study. <i>International Journal of Cardiology</i> , 2016, 223, 827-828.	1.7	0