

Koya Ozawa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6415727/publications.pdf>

Version: 2024-02-01

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	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
2	Arterial Platelet Adhesion in Atherosclerosis-Prone Arteries of Obese, Insulin-Resistant Nonhuman Primates. <i>Journal of the American Heart Association</i> , 2021, 10, e019413.	3.7	12
3	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
4	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
5	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
6	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
7	Ultrasound molecular imaging: insights into cardiovascular pathology. <i>Journal of Echocardiography</i> , 2020, 18, 86-93.	0.8	10
8	Regional and Conducted Vascular Effects of Endovascular Ultrasound Catheters. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 2361-2369.	1.5	4
9	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
10	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
11	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
12	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
13	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
14	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
15	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
16	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
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	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
24	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
25	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
26	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
27	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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	Giant pulmonary trunk with Eisenmenger flow through patent ductus arteriosus. <i>International Journal of Cardiology</i> , 2016, 204, 248-251.	1.7	2
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	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
39	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
40	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
41	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
42	Multiple infective coronary arteritis complicated with bacterial pericarditis. <i>International Journal of Cardiology</i> , 2015, 187, 1-3.	1.7	2
43	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
44	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
45	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
46	Bland-White-Garland syndrome diagnosed by computed tomography. <i>International Journal of Cardiology</i> , 2015, 201, 465-468.	1.7	7
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	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. International Journal of Cardiology, 2014, 171, 450-456.	1.7	5
56	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. International Journal of Cardiology, 2014, 174, 385-388.	1.7	6
57	Two dimensional global longitudinal strain of right ventricle using transthoracic echocardiography can detect right ventricular fibrosis confirmed by 320 slice CT in pulmonary hypertension. International Journal of Cardiology, 2014, 172, e230-e233.	1.7	10
58	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. International Journal of Cardiology, 2013, 168, 4586-4589.	1.7	16
59	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. International Journal of Cardiology, 2013, 168, 4520-4523.	1.7	19
60	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. International Journal of Cardiology, 2013, 169, e109-e113.	1.7	12
61	Sigmoid shaped interventricular septum exhibit normal myocardial characteristics and has a relationship with aging, ascending aortic sclerosis and its tilt to left ventricle. International Journal of Cardiology, 2013, 168, 4484-4488.	1.7	15
62	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. International Journal of Cardiology, 2013, 168, 1472-1478.	1.7	18
63	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. International Journal of Cardiology, 2013, 169, e56-e61.	1.7	3
64	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. International Journal of Cardiology, 2013, 169, e70-e74.	1.7	3
65	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. International Journal of Cardiology, 2013, 167, 1625-1631.	1.7	10
66	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. International Journal of Cardiology, 2013, 168, 352-356.	1.7	7
67	Answer to comprehensive role of advanced imaging in assessing arrhythmic substrates. International Journal of Cardiology, 2013, 168, 4472-4474.	1.7	2
68	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. International Journal of Cardiology, 2013, 168, 5015-5022.	1.7	8
69	Myocardial fibrosis in the right ventricle detected on ECG gated 320 slice CT showed a short term poor prognosis in subjects with pulmonary hypertension. International Journal of Cardiology, 2013, 168, 584-586.	1.7	12
70	Determination of optimum periods between onset of suspected acute myocarditis and 18F-fluorodeoxyglucose positron emission tomography in the diagnosis of inflammatory left ventricular myocardium. International Journal of Cardiology, 2013, 169, 196-200.	1.7	33
71	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. International Journal of Cardiology, 2013, 168, 601-603.	1.7	21
72	A case of osteopetrosis with severe aortic stenosis treated by transcatheter aortic valve implantation. Journal of Cardiology Cases, 2013, 8, 113-115.	0.5	0