

Kenta Ito

List of Publications by Year in descending order

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87
papers

3,098
citations

126907

33
h-index

161849

54
g-index

88
all docs

88
docs citations

88
times ranked

3126
citing authors

#	ARTICLE	IF	CITATIONS
1	The Great East Japan Earthquake Disaster and cardiovascular diseases. <i>European Heart Journal</i> , 2012, 33, 2796-2803.	2.2	183
2	Trends in Acute Myocardial Infarction Incidence and Mortality Over 30 Years in Japan: Report From the MIYAGI-AMI Registry Study. <i>Circulation Journal</i> , 2010, 74, 93-100.	1.6	176
3	Double-Blind and Placebo-Controlled Study of the Effectiveness and Safety of Extracorporeal Cardiac Shock Wave Therapy for Severe Angina Pectoris. <i>Circulation Journal</i> , 2010, 74, 589-591.	1.6	121
4	Transgenic Expression of Sarcoplasmic Reticulum Ca ²⁺ ATPase Modifies the Transition From Hypertrophy to Early Heart Failure. <i>Circulation Research</i> , 2001, 89, 422-429.	4.5	93
5	Contractile Reserve and Intracellular Calcium Regulation in Mouse Myocytes From Normal and Hypertrophied Failing Hearts. <i>Circulation Research</i> , 2000, 87, 588-595.	4.5	92
6	Whole-brain low-intensity pulsed ultrasound therapy markedly improves cognitive dysfunctions in mouse models of dementia—Crucial roles of endothelial nitric oxide synthase. <i>Brain Stimulation</i> , 2018, 11, 959-973.	1.6	89
7	Extracorporeal cardiac shock wave therapy improves left ventricular remodeling after acute myocardial infarction in pigs. <i>Coronary Artery Disease</i> , 2007, 18, 397-404.	0.7	87
8	Extracorporeal Shock Wave Therapy as a New and Non-invasive Angiogenic Strategy. <i>Tohoku Journal of Experimental Medicine</i> , 2009, 219, 1-9.	1.2	87
9	Plasma Cyclophilin A Is a Novel Biomarker for Coronary Artery Disease. <i>Circulation Journal</i> , 2013, 77, 447-455.	1.6	84
10	Low-Intensity Pulsed Ultrasound Induces Angiogenesis and Ameliorates Left Ventricular Dysfunction in a Porcine Model of Chronic Myocardial Ischemia. <i>PLoS ONE</i> , 2014, 9, e104863.	2.5	82
11	Endogenous erythropoietin system in non-hematopoietic lineage cells plays a protective role in myocardial ischemia/reperfusion. <i>Cardiovascular Research</i> , 2006, 71, 466-477.	3.8	80
12	Protective Role of Endogenous Erythropoietin System in Nonhematopoietic Cells Against Pressure Overload-Induced Left Ventricular Dysfunction in Mice. <i>Circulation</i> , 2007, 115, 2022-2032.	1.6	78
13	Low-energy extracorporeal shock wave therapy enhances skin wound healing in diabetic mice: A critical role of endothelial nitric oxide synthase. <i>Wound Repair and Regeneration</i> , 2012, 20, 887-895.	3.0	76
14	Effect of the Great East Japan Earthquake on Cardiovascular Diseases. <i>Circulation Journal</i> , 2013, 77, 490-493.	1.6	74
15	Enhanced Rho-Kinase Activity in Circulating Neutrophils of Patients With Vasospastic Angina. <i>Journal of the American College of Cardiology</i> , 2011, 58, 1231-1237.	2.8	72
16	Low-Intensity Pulsed Ultrasound Enhances Angiogenesis and Ameliorates Left Ventricular Dysfunction in a Mouse Model of Acute Myocardial Infarction. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1220-1229.	2.4	70
17	Age-Specific Trends in the Incidence and In-Hospital Mortality of Acute Myocardial Infarction Over 30 Years in Japan—Report From the Miyagi AMI Registry Study. <i>Circulation Journal</i> , 2017, 81, 520-528.	1.6	68
18	Extracorporeal Shock Wave Therapy Ameliorates Hindlimb Ischemia in Rabbits. <i>Tohoku Journal of Experimental Medicine</i> , 2008, 214, 151-158.	1.2	67

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19	Molecular mechanisms of the angiogenic effects of low-energy shock wave therapy: roles of mechanotransduction. <i>American Journal of Physiology - Cell Physiology</i> , 2016, 311, C378-C385.	4.6	67
20	Extracorporeal Shock Wave Therapy for Ischemic Cardiovascular Disorders. <i>American Journal of Cardiovascular Drugs</i> , 2011, 11, 295-302.	2.2	64
21	Extracorporeal Low-Energy Shock-Wave Therapy Exerts Anti-Inflammatory Effects in a Rat Model of Acute Myocardial Infarction. <i>Circulation Journal</i> , 2014, 78, 2915-2925.	1.6	64
22	Role of Rho-Kinase in the Pathogenesis of Coronary Hyperconstricting Responses Induced by Drug-Eluting Stents in Pigs In Vivo. <i>Journal of the American College of Cardiology</i> , 2009, 54, 2321-2329.	2.8	63
23	Hippocampal Blood Flow Abnormality Associated With Depressive Symptoms and Cognitive Impairment in Patients With Chronic Heart Failure. <i>Circulation Journal</i> , 2016, 80, 1773-1780.	1.6	61
24	Importance of Dual Induction Tests for Coronary Vasospasm and Ventricular Fibrillation in Patients Surviving Out-of-Hospital Cardiac Arrest. <i>Circulation Journal</i> , 2009, 73, 767-769.	1.6	58
25	Low-energy extracorporeal shock wave therapy promotes vascular endothelial growth factor expression and improves locomotor recovery after spinal cord injury. <i>Journal of Neurosurgery</i> , 2014, 121, 1514-1525.	1.6	58
26	Cardiac shock wave therapy ameliorates left ventricular remodeling after myocardial ischemiaâ€“reperfusion injury in pigs in vivo. <i>Coronary Artery Disease</i> , 2010, 21, 304-311.	0.7	52
27	Low-energy extracorporeal shock wave therapy for promotion of vascular endothelial growth factor expression and angiogenesis and improvement of locomotor and sensory functions after spinal cord injury. <i>Journal of Neurosurgery: Spine</i> , 2016, 25, 745-755.	1.7	51
28	Plasma concentration of serotonin is a novel biomarker for coronary microvascular dysfunction in patients with suspected angina and unobstructive coronary arteries. <i>European Heart Journal</i> , 2017, 38, ehw448.	2.2	50
29	Contractile Reserve and Calcium Regulation Are Depressed in Myocytes From Chronically Unloaded Hearts. <i>Circulation</i> , 2003, 107, 1176-1182.	1.6	44
30	Association of Coronary Perivascular Adipose Tissue Inflammation and Drug-Eluting Stentâ€“Induced Coronary Hyperconstricting Responses in Pigs. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1757-1764.	2.4	43
31	Association of Adventitial Vasa Vasorum and Inflammation With Coronary Hyperconstriction After Drug-Eluting Stent Implantation in Pigs In Vivo. <i>Circulation Journal</i> , 2015, 79, 1787-1798.	1.6	40
32	Extracorporeal Shock Wave Therapy Improves the Walking Ability of Patients With Peripheral Artery Disease and Intermittent Claudication. <i>Circulation Journal</i> , 2012, 76, 1486-1493.	1.6	39
33	Prognostic impacts of Rho-kinase activity in circulating leucocytes in patients with vasospastic angina. <i>European Heart Journal</i> , 2018, 39, 952-959.	2.2	36
34	Involvement of Rho-Kinase Activation in the Pathogenesis of Coronary Hyperconstricting Responses Induced by Drug-Eluting Stents in Patients With Coronary Artery Disease. <i>Circulation Journal</i> , 2012, 76, 2552-2560.	1.6	34
35	Circadian Variation of Rho-Kinase Activity in Circulating Leukocytes of Patients With Vasospastic Angina. <i>Circulation Journal</i> , 2014, 78, 1183-1190.	1.6	33
36	Enhanced Adventitial Vasa Vasorum Formation in Patients With Vasospastic Angina. <i>Journal of the American College of Cardiology</i> , 2016, 67, 598-600.	2.8	33

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37	Long-term treatment with nifedipine suppresses coronary hyperconstricting responses and inflammatory changes induced by paclitaxel-eluting stent in pigs in vivo: possible involvement of Rho-kinase pathway. <i>European Heart Journal</i> , 2012, 33, 791-799.	2.2	29
38	Accuracy of Optical Frequency Domain Imaging for Evaluation of Coronary Adventitial Vasa Vasorum Formation After Stent Implantation in Pigs and Humans—A Validation Study. <i>Circulation Journal</i> , 2015, 79, 1323-1331.	1.6	28
39	Increased Coronary Perivascular Adipose Tissue Volume in Patients With Vasospastic Angina. <i>Circulation Journal</i> , 2016, 80, 1653-1656.	1.6	28
40	In Vivo Visualization of Adventitial Vasa Vasorum of the Human Coronary Artery on Optical Frequency Domain Imaging. <i>Circulation Journal</i> , 2014, 78, 2516-2518.	1.6	27
41	Urbanization, Life Style Changes and the Incidence/In-Hospital Mortality of Acute Myocardial Infarction in Japan. <i>Circulation Journal</i> , 2012, 76, 1136-1144.	1.6	26
42	Low-intensity pulsed ultrasound enhances angiogenesis and ameliorates contractile dysfunction of pressure-overloaded heart in mice. <i>PLoS ONE</i> , 2017, 12, e0185555.	2.5	26
43	Emergency Care of Acute Myocardial Infarction and the Great East Japan Earthquake Disaster. <i>Circulation Journal</i> , 2014, 78, 634-643.	1.6	24
44	Absence of adventitial vasa vasorum formation at the coronary segment with myocardial bridge - An optical coherence tomography study. <i>International Journal of Cardiology</i> , 2018, 250, 275-277.	1.7	23
45	Extracorporeal Shock Wave Therapy for Digital Ulcers of Systemic Sclerosis: A Phase 2 Pilot Study. <i>Tohoku Journal of Experimental Medicine</i> , 2016, 238, 39-47.	1.2	22
46	Eicosapentaenoic acid reduces ischemic ventricular fibrillation via altering monophasic action potential in pigs. <i>Journal of Molecular and Cellular Cardiology</i> , 2011, 51, 329-336.	1.9	21
47	Long-Term Treatment With Eicosapentaenoic Acid Ameliorates Myocardial Ischemia-Reperfusion Injury in Pigs In Vivo - Involvement of Rho-Kinase Pathway Inhibition -. <i>Circulation Journal</i> , 2011, 75, 1843-1851.	1.6	19
48	Enhanced Rho-Kinase Activity in Patients With Vasospastic Angina After the Great East Japan Earthquake. <i>Circulation Journal</i> , 2012, 76, 2892-2894.	1.6	19
49	Clinical Characteristics of Patients With Acute Myocardial Infarction Who Did Not Undergo Primary Percutaneous Coronary Intervention—Report From the MIYAGI-AMI Registry Study. <i>Circulation Journal</i> , 2015, 79, 2009-2016.	1.6	19
50	Beneficial Effects of a Novel Bioabsorbable Polymer Coating on Enhanced Coronary Vasoconstricting Responses After Drug-Eluting Stent Implantation in Pigs in Vivo. <i>JACC: Cardiovascular Interventions</i> , 2016, 9, 281-291.	2.9	18
51	Thyroid hormone and chronically unloaded hearts. <i>Vascular Pharmacology</i> , 2010, 52, 138-141.	2.1	16
52	Focal Vasa Vasorum Formation in Patients With Focal Coronary Vasospasm—An Optical Frequency Domain Imaging Study. <i>Circulation Journal</i> , 2016, 80, 2252-2254.	1.6	16
53	Low-energy cardiac shockwave therapy to suppress left ventricular remodeling in patients with acute myocardial infarction. <i>Coronary Artery Disease</i> , 2018, 29, 294-300.	0.7	16
54	Usefulness of Testing for Coronary Artery Spasm and Programmed Ventricular Stimulation in Survivors of Out-of-Hospital Cardiac Arrest. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016, 9, .	4.8	15

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55	A multicenter trial of extracorporeal cardiac shock wave therapy for refractory angina pectoris: report of the highly advanced medical treatment in Japan. <i>Heart and Vessels</i> , 2019, 34, 104-113.	1.2	15
56	Mitsugumin 53-mediated maintenance of K^{+} currents in cardiac myocytes. <i>Channels</i> , 2009, 3, 6-11.	2.8	14
57	Low-energy extracorporeal shock wave ameliorates ischemic acute kidney injury in rats. <i>Clinical and Experimental Nephrology</i> , 2019, 23, 597-605.	1.6	14
58	Renal Denervation Suppresses Coronary Hyperconstricting Responses After Drug-Eluting Stent Implantation in Pigs In Vivo Through the Kidney-Brain-Heart Axis. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2017, 37, 1869-1880.	2.4	13
59	Extracorporeal cardiac shock wave therapy for ischemic heart disease. <i>Shock Waves</i> , 2008, 17, 449-455.	1.9	12
60	Enhanced pulsatile pressure accelerates vascular smooth muscle migration: implications for atherogenesis of hypertension. <i>Cardiovascular Research</i> , 2008, 80, 346-353.	3.8	12
61	Low-energy extracorporeal shock wave therapy for a model of liver cirrhosis ameliorates liver fibrosis and liver function. <i>Scientific Reports</i> , 2020, 10, 2405.	3.3	12
62	Death and kidney allograft dysfunction after bacteremia. <i>Clinical and Experimental Nephrology</i> , 2016, 20, 309-315.	1.6	9
63	Reduced brain-derived neurotrophic factor is associated with cognitive dysfunction in patients with chronic heart failure. <i>Geriatrics and Gerontology International</i> , 2017, 17, 852-854.	1.5	8
64	Factors influencing the occurrence of cardiopulmonary arrest in the Great East Japan Earthquake disaster. <i>International Journal of Cardiology</i> , 2014, 177, 569-572.	1.7	7
65	Structural brain abnormalities and cardiac dysfunction in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2018, 20, 936-938.	7.1	5
66	Extracorporeal shock wave therapy for digital ulcers associated with systemic sclerosis. <i>Journal of Scleroderma and Related Disorders</i> , 2016, 1, 181-185.	1.7	3
67	Bacteremic kidney cyst infection caused by <i>Helicobacter cinaedi</i> . <i>CEN Case Reports</i> , 2016, 5, 121-124.	0.9	3
68	Increased Incidence of Heart Failure in the East Japan Earthquake. <i>Journal of Cardiac Failure</i> , 2012, 18, S123-S124.	1.7	2
69	Increased Incidence of Heart Failure in the Tohoku Earthquake Initial Report from the Tohoku University Hospital. <i>Journal of Cardiac Failure</i> , 2011, 17, S169.	1.7	1
70	Acute Heart Failure Caused by Biventricular Involvement of Takotsubo Cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2012, 18, S177.	1.7	1
71	The Future of Non-Invasive Angiogenic Therapy Using Acoustic Waves. <i>Circulation Journal</i> , 2015, 79, 1906-1907.	1.6	1
72	Overview of the 80 th Annual Scientific Meeting of the Japanese Circulation Society-“The Past, Present and Future of Cardiovascular Medicine in Japan”-“The 5 th Anniversary of the Great East Japan Earthquake”. <i>Circulation Journal</i> , 2016, 80, 1689-1694.	1.6	1

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73	Kidney allograft pyelonephritis caused by Salmonella enterica serovar Schwarzengrund. Journal of Infection and Chemotherapy, 2017, 23, 481-484.	1.7	1
74	Protective Role of Endogenous Erythropoietin/Erythropoietin-Receptor System Against Pressure-Overload-Induced Left Ventricular Dysfunction in Mice in Vivo. Journal of Cardiac Failure, 2006, 12, S159.	1.7	0
75	Non-invasive Angiogenic Therapy Using Extracorporeal Shock Waves.. The Journal of the Japanese Society of Internal Medicine, 2010, 99, 2846-2852.	0.0	0
76	Agranulocytosis Caused by Clopidogrel.. The Journal of the Japanese Society of Internal Medicine, 2010, 99, 337-339.	0.0	0
77	Rural and Urban Difference in the Incidence and In-Hospital Mortality of Acute Myocardial Infarction -Report from the MIYAGI-AMI Registry Study-. Journal of Cardiac Failure, 2011, 17, S157-S158.	1.7	0
78	No Increase in the Incidence of Takotsubo Cardiomyopathy after the Great East Japan Earthquake. Journal of Cardiac Failure, 2012, 18, S163.	1.7	0
79	Cessation of Spironolactone Worsens Long-term Prognosis of Heart Failure Patients. Journal of Cardiac Failure, 2012, 18, S158.	1.7	0
80	Influence of Coexisting Heart Failure on Non-performance of Primary Percutaneous Coronary Intervention in Patients with Acute Myocardial Infarction. Journal of Cardiac Failure, 2012, 18, S163.	1.7	0
81	Low-Intensity Pulsed Ultrasound Induces Angiogenesis and Ameliorates Left Ventricular Dysfunction in a Porcine Model of Chronic Myocardial Ischemia. Journal of Cardiac Failure, 2012, 18, S180.	1.7	0
82	Emergency Care of Acute Myocardial Infarction during the Great East Japan Earthquake Disaster—Report from the Miyagi AMI Registry Study-. Journal of Cardiac Failure, 2013, 19, S154.	1.7	0
83	Interactions between the Heart and the Brain in Heart Failure Patients Assessed by MRI -Interim Results from the B-HeFT Study-. Journal of Cardiac Failure, 2013, 19, S132.	1.7	0
84	A Power-Aware Air Interface Scheduling Scheme for Improving Network Connectivity in Solar Powered Wireless Mesh Networks. , 2015, , .		0
85	Pyocystis in an anuric patient undergoing chronic haemodialysis. Nephrology, 2017, 22, 420-420.	1.6	0
86	Low-energy extracorporeal shock wave therapy. The Journal of Japanese Society of Limb Salvage and Podiatric Medicine, 2014, 6, 132-136.	0.0	0
87	Low-Energy Extracorporeal Shock Wave Therapy. , 2017, , 177-190.		0