

# Shintaro Kinugawa

## List of Publications by Year in descending order

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Version: 2024-02-01

157  
papers

7,793  
citations

50170

46  
h-index

54797

84  
g-index

162  
all docs

162  
docs citations

162  
times ranked

8593  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial Electron Transport Complex I Is a Potential Source of Oxygen Free Radicals in the Failing Myocardium. <i>Circulation Research</i> , 1999, 85, 357-363.	2.0	615
2	JCS 2017/JHFS 2017 Guideline on Diagnosis and Treatment of Acute and Chronic Heart Failure—Digest Version. <i>Circulation Journal</i> , 2019, 83, 2084-2184.	0.7	446
3	Direct Evidence for Increased Hydroxyl Radicals Originating From Superoxide in the Failing Myocardium. <i>Circulation Research</i> , 2000, 86, 152-157.	2.0	389
4	Treatment With Dimethylthiourea Prevents Left Ventricular Remodeling and Failure After Experimental Myocardial Infarction in Mice. <i>Circulation Research</i> , 2000, 87, 392-398.	2.0	314
5	Mitochondrial oxidative stress and dysfunction in myocardial remodelling. <i>Cardiovascular Research</i> , 2008, 81, 449-456.	1.8	312
6	Fluvastatin, a 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitor, Attenuates Left Ventricular Remodeling and Failure After Experimental Myocardial Infarction. <i>Circulation</i> , 2002, 105, 868-873.	1.6	298
7	Characteristics and Outcomes of Hospitalized Patients With Heart Failure and Reduced vs Preserved Ejection Fraction A Report From the Japanese Cardiac Registry of Heart Failure in Cardiology (JCARE-CARD). <i>Circulation Journal</i> , 2009, 73, 1893-1900.	0.7	290
8	Overexpression of Mitochondrial Peroxiredoxin-3 Prevents Left Ventricular Remodeling and Failure After Myocardial Infarction in Mice. <i>Circulation</i> , 2006, 113, 1779-1786.	1.6	221
9	Intramuscular metabolism during low-intensity resistance exercise with blood flow restriction. <i>Journal of Applied Physiology</i> , 2009, 106, 1119-1124.	1.2	156
10	Targeted Deletion of Matrix Metalloproteinase 2 Ameliorates Myocardial Remodeling in Mice With Chronic Pressure Overload. <i>Hypertension</i> , 2006, 47, 711-717.	1.3	145
11	Effect of multiple set on intramuscular metabolic stress during low-intensity resistance exercise with blood flow restriction. <i>European Journal of Applied Physiology</i> , 2012, 112, 3915-3920.	1.2	128
12	Clinical Characteristics and Outcome of Hospitalized Patients With Heart Failure in Japan Rationale and Design of Japanese Cardiac Registry of Heart Failure in Cardiology (JCARE-CARD). <i>Circulation Journal</i> , 2006, 70, 1617-1623.	0.7	125
13	Oxidative stress in skeletal muscle impairs mitochondrial respiration and limits exercise capacity in type 2 diabetic mice. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H1069-H1077.	1.5	116
14	Mitochondrial Oxidative Stress, DNA Damage, and Heart Failure. <i>Antioxidants and Redox Signaling</i> , 2006, 8, 1737-1744.	2.5	113
15	Dose effect on intramuscular metabolic stress during low-intensity resistance exercise with blood flow restriction. <i>Journal of Applied Physiology</i> , 2010, 108, 1563-1567.	1.2	110
16	Skeletal Muscle Abnormalities in Heart Failure. <i>International Heart Journal</i> , 2015, 56, 475-484.	0.5	105
17	Exercise Intolerance in Chronic Heart Failure. <i>Circulation Journal</i> , 2013, 77, 293-300.	0.7	102
18	Low-intensity exercise can increase muscle mass and strength proportionally to enhanced metabolic stress under ischemic conditions. <i>Journal of Applied Physiology</i> , 2012, 113, 199-205.	1.2	101

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19	Targeted deletion of p53 prevents cardiac rupture after myocardial infarction in mice. <i>Cardiovascular Research</i> , 2006, 70, 457-465.	1.8	94
20	A Defect of Neuronal Nitric Oxide Synthase Increases Xanthine Oxidase-Derived Superoxide Anion and Attenuates the Control of Myocardial Oxygen Consumption by Nitric Oxide Derived From Endothelial Nitric Oxide Synthase. <i>Circulation Research</i> , 2005, 96, 355-362.	2.0	88
21	Chronic Kidney Disease as an Independent Risk for Long-Term Adverse Outcomes in Patients Hospitalized With Heart Failure in Japan Report From the Japanese Cardiac Registry of Heart Failure in Cardiology (JCARE-CARD). <i>Circulation Journal</i> , 2009, 73, 1442-1447.	0.7	85
22	Predictors of Long-Term Adverse Outcomes in Elderly Patients Over 80 Years Hospitalized With Heart Failure - A Report From the Japanese Cardiac Registry of Heart Failure in Cardiology (JCARE-CARD) -. <i>Circulation Journal</i> , 2011, 75, 2403-2410.	0.7	85
23	Hyperuricemia predicts adverse outcomes in patients with heart failure. <i>International Journal of Cardiology</i> , 2011, 151, 143-147.	0.8	84
24	JCS/JHFS 2021 Guideline Focused Update on Diagnosis and Treatment of Acute and Chronic Heart Failure. <i>Circulation Journal</i> , 2021, 85, 2252-2291.	0.7	80
25	Characteristics and Outcomes of Patients With Heart Failure in General Practices and Hospitals Japanese Cardiac Registry of Heart Failure in General Practice (JCARE-GENERAL). <i>Circulation Journal</i> , 2007, 71, 449-454.	0.7	79
26	Mode of Death in Patients With Heart Failure and Reduced vs. Preserved Ejection Fraction. <i>Circulation Journal</i> , 2012, 76, 1662-1669.	0.7	78
27	Curcumin ameliorates skeletal muscle atrophy in type 1 diabetic mice by inhibiting protein ubiquitination. <i>Experimental Physiology</i> , 2015, 100, 1052-1063.	0.9	75
28	Amiodarone Protects Cardiac Myocytes Against Oxidative Injury by its Free Radical Scavenging Action. <i>Circulation</i> , 1999, 100, 690-692.	1.6	73
29	Activation of Natural Killer T Cells Ameliorates Postinfarct Cardiac Remodeling and Failure in Mice. <i>Circulation Research</i> , 2012, 111, 1037-1047.	2.0	73
30	Angiotensin II can directly induce mitochondrial dysfunction, decrease oxidative fibre number and induce atrophy in mouse hindlimb skeletal muscle. <i>Experimental Physiology</i> , 2015, 100, 312-322.	0.9	70
31	Tyrosine kinase FYN negatively regulates NOX4 in cardiac remodeling. <i>Journal of Clinical Investigation</i> , 2016, 126, 3403-3416.	3.9	66
32	Dipeptidyl peptidase-4 inhibitor improved exercise capacity and mitochondrial biogenesis in mice with heart failure via activation of glucagon-like peptide-1 receptor signalling. <i>Cardiovascular Research</i> , 2016, 111, 338-347.	1.8	64
33	Angiotensin II Type 1 Receptor Blocker Attenuates Myocardial Remodeling and Preserves Diastolic Function in Diabetic Heart. <i>Hypertension Research</i> , 2007, 30, 439-449.	1.5	63
34	Hyperhomocysteinemia Alters Cardiac Substrate Metabolism by Impairing Nitric Oxide Bioavailability Through Oxidative Stress. <i>Circulation</i> , 2007, 115, 255-262.	1.6	62
35	AST-120 ameliorates lowered exercise capacity and mitochondrial biogenesis in the skeletal muscle from mice with chronic kidney disease via reducing oxidative stress. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, 934-942.	0.4	62
36	Systemic Oxidative Stress Is Associated With Lower Aerobic Capacity and Impaired Skeletal Muscle Energy Metabolism in Patients With Metabolic Syndrome. <i>Diabetes Care</i> , 2013, 36, 1341-1346.	4.3	60

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37	JCS/JHFS 2021 Guideline Focused Update on Diagnosis and Treatment of Acute and Chronic Heart Failure. <i>Journal of Cardiac Failure</i> , 2021, 27, 1404-1444.	0.7	60
38	Body Mass Index Is an Independent Predictor of Long-Term Outcomes in Patients Hospitalized With Heart Failure in Japan - A Report From the Japanese Cardiac Registry of Heart Failure in Cardiology (JCARE-CARD) -. <i>Circulation Journal</i> , 2010, 74, 2605-2611.	0.7	59
39	Characteristics, management, and outcomes for patients during hospitalization due to worsening heart failureâ€”A report from the Japanese Cardiac Registry of Heart Failure in Cardiology (JCARE-CARD). <i>Journal of Cardiology</i> , 2013, 62, 95-101.	0.8	56
40	Oxidative stress impairs insulin signal in skeletal muscle and causes insulin resistance in postinfarct heart failure. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 300, H1637-H1644.	1.5	55
41	Angiotensin II-induced reduction in exercise capacity is associated with increased oxidative stress in skeletal muscle. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2012, 302, H1202-H1210.	1.5	55
42	Validation of Gene Therapy for Mutant Mitochondria by Delivering Mitochondrial RNA Using a MITO-Porter. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 20, 687-698.	2.3	54
43	Standard Cardiac Rehabilitation Program for Heart Failure. <i>Circulation Journal</i> , 2019, 83, 2394-2398.	0.7	53
44	Limited Exercise Capacity in Heterozygous Manganese Superoxide Dismutase Geneâ€”Knockout Mice. <i>Circulation</i> , 2005, 111, 1480-1486.	1.6	52
45	Loop Diuretic Use at Discharge Is Associated With Adverse Outcomes in Hospitalized Patients With Heart Failure. <i>Circulation Journal</i> , 2012, 76, 1920-1927.	0.7	50
46	Spironolactone use at discharge was associated with improved survival in hospitalized patients with systolic heart failure. <i>American Heart Journal</i> , 2010, 160, 1156-1162.	1.2	49
47	Serum myostatin levels are independently associated with skeletal muscle wasting in patients with heart failure. <i>International Journal of Cardiology</i> , 2016, 220, 483-487.	0.8	47
48	Increased plasma soluble (pro)renin receptor levels are correlated with renal dysfunction in patients with heart failure. <i>International Journal of Cardiology</i> , 2013, 168, 4313-4314.	0.8	46
49	Protein acetylation in skeletal muscle mitochondria is involved in impaired fatty acid oxidation and exercise intolerance in heart failure. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2018, 9, 844-859.	2.9	46
50	Fatty acids increase the circulating levels of oxidative stress factors in mice with dietâ€”induced obesity via redox changes of albumin. <i>FEBS Journal</i> , 2007, 274, 3855-3863.	2.2	45
51	JCS/JHFS 2018 Guideline on the Diagnosis and Treatment of Cardiomyopathies. <i>Circulation Journal</i> , 2021, 85, 1590-1689.	0.7	45
52	Increased myocardial NAD(P)H oxidase-derived superoxide causes the exacerbation of postinfarct heart failure in type 2 diabetes. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2009, 297, H409-H416.	1.5	44
53	Clinical characteristics and outcomes of heart failure with preserved ejection fraction: Lessons from epidemiological studies. <i>Journal of Cardiology</i> , 2010, 55, 13-22.	0.8	44
54	Empagliflozin restores lowered exercise endurance capacity via the activation of skeletal muscle fatty acid oxidation in a murine model of heart failure. <i>European Journal of Pharmacology</i> , 2020, 866, 172810.	1.7	43

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55	Angiotensin II receptor blocker improves the lowered exercise capacity and impaired mitochondrial function of the skeletal muscle in type 2 diabetic mice. <i>Journal of Applied Physiology</i> , 2013, 114, 844-857.	1.2	42
56	Coronary Microvascular Endothelial Stunning After Acute Pressure Overload in the Conscious Dog Is Caused by Oxidant Processes. <i>Circulation</i> , 2003, 108, 2934-2940.	1.6	40
57	Activation of invariant natural killer T cells by $\alpha$ -galactosylceramide ameliorates myocardial ischemia/reperfusion injury in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 62, 179-188.	0.9	38
58	$\beta$ -Adrenoceptor-Gq-RhoA signaling is upregulated to increase myofibrillar $Ca^{2+}$ sensitivity in failing hearts. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2001, 281, H637-H646.	1.5	37
59	Prevalence and Clinical Implication of Metabolic Syndrome in Chronic Heart Failure - Report From MetS-CHF Study -. <i>Circulation Journal</i> , 2010, 74, 2612-2621.	0.7	37
60	Overexpression of mitochondrial transcription factor A (TFAM) ameliorates delayed neuronal death due to transient forebrain ischemia in mice. <i>Neuropathology</i> , 2010, 30, 401-407.	0.7	37
61	Hyponatremia is an independent predictor of adverse clinical outcomes in hospitalized patients due to worsening heart failure. <i>Journal of Cardiology</i> , 2014, 63, 182-188.	0.8	36
62	Decreased serum brain-derived neurotrophic factor levels are correlated with exercise intolerance in patients with heart failure. <i>International Journal of Cardiology</i> , 2013, 168, e142-e144.	0.8	35
63	Clinical characteristics and outcomes of dilated phase of hypertrophic cardiomyopathy: Report from the registry data in Japan. <i>Journal of Cardiology</i> , 2013, 61, 65-70.	0.8	34
64	(Pro)renin receptor in skeletal muscle is involved in the development of insulin resistance associated with postinfarct heart failure in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E503-E514.	1.8	34
65	Serum Brain-Derived Neurotrophic Factor Level Predicts Adverse Clinical Outcomes in Patients With Heart Failure. <i>Journal of Cardiac Failure</i> , 2015, 21, 300-306.	0.7	34
66	Blood Flow Restriction Exercise in Sprinters and Endurance Runners. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 413-419.	0.2	33
67	The experimental model of transition from compensated cardiac hypertrophy to failure created by transverse aortic constriction in mice. <i>IJC Heart and Vasculature</i> , 2016, 11, 24-28.	0.6	33
68	Brain-Derived Neurotrophic Factor Improves Limited Exercise Capacity in Mice With Heart Failure. <i>Circulation</i> , 2018, 138, 2064-2066.	1.6	32
69	Sesamin prevents decline in exercise capacity and impairment of skeletal muscle mitochondrial function in mice with high-fat diet-induced diabetes. <i>Experimental Physiology</i> , 2015, 100, 1319-1330.	0.9	31
70	Mitochondrial reactive oxygen species generation in blood cells is associated with disease severity and exercise intolerance in heart failure patients. <i>Scientific Reports</i> , 2019, 9, 14709.	1.6	31
71	Pioglitazone improves whole-body aerobic capacity and skeletal muscle energy metabolism in patients with metabolic syndrome. <i>Journal of Diabetes Investigation</i> , 2017, 8, 535-541.	1.1	30
72	Linoleic acid improves assembly of the CII subunit and CIII2/CIV complex of the mitochondrial oxidative phosphorylation system in heart failure. <i>Cell Communication and Signaling</i> , 2019, 17, 128.	2.7	30

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73	Combination of Exercise Training and Diet Restriction Normalizes Limited Exercise Capacity and Impaired Skeletal Muscle Function in Diet-Induced Diabetic Mice. <i>Endocrinology</i> , 2014, 155, 68-80.	1.4	29
74	Effects of ACE Inhibition on Left Ventricular Failure and Oxidative Stress in Dahl Salt-Sensitive Rats. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 37, 725-733.	0.8	27
75	Lower aerobic capacity was associated with abnormal intramuscular energetics in patients with metabolic syndrome. <i>Hypertension Research</i> , 2011, 34, 1029-1034.	1.5	26
76	Inhibition of xanthine oxidase in the acute phase of myocardial infarction prevents skeletal muscle abnormalities and exercise intolerance. <i>Cardiovascular Research</i> , 2021, 117, 805-819.	1.8	25
77	Angiotensin II Type 1 Receptor Blocker Attenuates Exacerbated Left Ventricular Remodeling and Failure in Diabetes-Associated Myocardial Infarction. <i>Journal of Cardiovascular Pharmacology</i> , 2006, 48, 95-102.	0.8	24
78	Pioglitazone ameliorates the lowered exercise capacity and impaired mitochondrial function of the skeletal muscle in type 2 diabetic mice. <i>European Journal of Pharmacology</i> , 2014, 740, 690-696.	1.7	24
79	Randomized Trial of Effect of Urate-Lowering Agent Febuxostat in Chronic Heart Failure Patients with Hyperuricemia (LEAF-CHF). <i>International Heart Journal</i> , 2018, 59, 976-982.	0.5	24
80	Resistance training with interval blood flow restriction effectively enhances intramuscular metabolic stress with less ischemic duration and discomfort. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019, 44, 759-764.	0.9	24
81	Home-based cardiac rehabilitation using information and communication technology for heart failure patients with frailty. <i>ESC Heart Failure</i> , 2022, 9, 2407-2418.	1.4	24
82	Sarcomere Gene Mutations Are Associated With Increased Cardiovascular Events in Left Ventricular Hypertrophy. <i>JACC: Heart Failure</i> , 2013, 1, 459-466.	1.9	23
83	Abnormalities of Skeletal Muscle, Adipocyte Tissue, and Lipid Metabolism in Heart Failure: Practical Therapeutic Targets. <i>Frontiers in Cardiovascular Medicine</i> , 2020, 7, 79.	1.1	22
84	Negative Inotropic Effect of Basic Fibroblast Growth Factor on Adult Rat Cardiac Myocyte. <i>Circulation</i> , 1997, 96, 2501-2504.	1.6	22
85	Malnutrition in Heart Failure. <i>JACC: Heart Failure</i> , 2018, 6, 487-488.	1.9	20
86	Cardiac-specific loss of mitoNEET expression is linked with age-related heart failure. <i>Communications Biology</i> , 2021, 4, 138.	2.0	20
87	Impaired mitochondrial oxidative phosphorylation capacity in epicardial adipose tissue is associated with decreased concentration of adiponectin and severity of coronary atherosclerosis. <i>Scientific Reports</i> , 2019, 9, 3535.	1.6	19
88	Brain-Derived Neurotrophic Factor Improves Impaired Fatty Acid Oxidation Via the Activation of Adenosine Monophosphate-Activated Protein Kinase- $\epsilon$ Proliferator-Activated Receptor- $\gamma$ Coactivator-1 $\epsilon$ Signaling in Skeletal Muscle of Mice With Heart Failure. <i>Circulation: Heart Failure</i> , 2021, 14, e005890.	1.6	18
89	Positive Inotropic Effects of Calcium Sensitizers on Normal and Failing Cardiac Myocytes. <i>Journal of Cardiovascular Pharmacology</i> , 2001, 37, 16-24.	0.8	17
90	Assessment of Quality of Life During Long-Term Treatment of Tolvaptan in Refractory Heart Failure. <i>International Heart Journal</i> , 2014, 55, 264-267.	0.5	16

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91	The novel heart-specific RING finger protein 207 is involved in energy metabolism in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2016, 100, 43-53.	0.9	16
92	A mitochondrial delivery system using liposome-based nanocarriers that target myoblast cells. <i>Mitochondrion</i> , 2019, 49, 66-72.	1.6	16
93	Weekend versus weekday hospital admission and outcomes during hospitalization for patients due to worsening heart failure: a report from Japanese Cardiac Registry of Heart Failure in Cardiology (JCARE-CARD). <i>Heart and Vessels</i> , 2014, 29, 328-335.	0.5	15
94	Intramyocellular lipid is increased in the skeletal muscle of patients with dilated cardiomyopathy with lowered exercise capacity. <i>International Journal of Cardiology</i> , 2014, 176, 1110-1112.	0.8	15
95	Progressive Mobilization Program for Patients With Acute Heart Failure Reduces Hospital Stay and Improves Clinical Outcome. <i>Circulation Reports</i> , 2019, 1, 123-130.	0.4	15
96	Systemic oxidative stress is associated with lower aerobic capacity and impaired skeletal muscle energy metabolism in heart failure patients. <i>Scientific Reports</i> , 2021, 11, 2272.	1.6	14
97	Deletion of NAD(P)H Oxidase 2 Prevents Angiotensin II-Induced Skeletal Muscle Atrophy. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	13
98	Enhanced Echo Intensity of Skeletal Muscle Is Associated With Exercise Intolerance in Patients With Heart Failure. <i>Journal of Cardiac Failure</i> , 2020, 26, 685-693.	0.7	13
99	Discharge use of angiotensin receptor blockers provides comparable effects with angiotensin-converting enzyme inhibitors on outcomes in patients hospitalized for heart failure. <i>Hypertension Research</i> , 2010, 33, 197-202.	1.5	12
100	High-fat diet-induced obesity and insulin resistance were ameliorated via enhanced fecal bile acid excretion in tumor necrosis factor-alpha receptor knockout mice. <i>Molecular and Cellular Biochemistry</i> , 2012, 359, 161-167.	1.4	12
101	Direct renin inhibitor ameliorates insulin resistance by improving insulin signaling and oxidative stress in the skeletal muscle from post-infarct heart failure in mice. <i>European Journal of Pharmacology</i> , 2016, 779, 147-156.	1.7	12
102	Loop diuretic use is associated with skeletal muscle wasting in patients with heart failure. <i>Journal of Cardiology</i> , 2020, 76, 109-114.	0.8	12
103	Impact of Inadequate Calorie Intake on Mortality and Hospitalization in Stable Patients with Chronic Heart Failure. <i>Nutrients</i> , 2021, 13, 874.	1.7	12
104	Treatments for skeletal muscle abnormalities in heart failure: sodium-glucose transporter 2 and ketone bodies. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2022, 322, H117-H128.	1.5	12
105	gp91phox-containing NAD(P)H oxidase mediates attenuation of nitric oxide-dependent control of myocardial oxygen consumption by ANG II. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 289, H862-H867.	1.5	11
106	Diagnostic Criteria and Severity Score for Triglyceride Deposit Cardiomyovasculopathy. <i>Annals of Nuclear Cardiology</i> , 2018, 4, 94-100.	0.0	11
107	Impact of High Respiratory Exchange Ratio During Submaximal Exercise on Adverse Clinical Outcome in Heart Failure. <i>Circulation Journal</i> , 2018, 82, 2753-2760.	0.7	11
108	Serum Brain-Derived Neurotrophic Factor Levels Are Associated with Skeletal Muscle Function but Not with Muscle Mass in Patients with Heart Failure. <i>International Heart Journal</i> , 2020, 61, 96-102.	0.5	11

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109	Branched-chain amino acid supplementation ameliorates angiotensin II-induced skeletal muscle atrophy. <i>Life Sciences</i> , 2020, 250, 117593.	2.0	11
110	Diagnostic performance of nutritional indicators in patients with heart failure. <i>ESC Heart Failure</i> , 2022, 9, 2096-2106.	1.4	11
111	Fulminant necrotizing eosinophilic myocarditis after COVID-19 vaccination survived with mechanical circulatory support. <i>ESC Heart Failure</i> , 2022, 9, 2732-2737.	1.4	11
112	Role of Ca <sup>2+</sup> availability to myofilaments and their sensitivity to Ca <sup>2+</sup> in myocyte contractile dysfunction in heart failure. <i>Cardiovascular Research</i> , 1999, 44, 398-406.	1.8	10
113	Adrenoceptor-mediated regulation of myofibrillar Ca <sup>2+</sup> sensitivity through the GTP-binding protein-related mechanisms: tension recording in $\beta$ -escin-skinned single rat cardiac cells with preserved receptor functions. <i>Pflugers Archiv European Journal of Physiology</i> , 1999, 437, 702-709.	1.3	10
114	Tolerability, Efficacy, and Safety of Bisoprolol vs. Carvedilol in Japanese Patients With Heart Failure and Reduced Ejection Fraction—The CIBIS-J Trial. <i>Circulation Journal</i> , 2019, 83, 1269-1277.	0.7	10
115	Angiotensin-converting-enzyme inhibitor prevents skeletal muscle fibrosis in myocardial infarction mice. <i>Skeletal Muscle</i> , 2020, 10, 11.	1.9	10
116	GFAT2 mediates cardiac hypertrophy through HBP-O-GlcNAcylation-Akt pathway. <i>IScience</i> , 2021, 24, 103517.	1.9	10
117	The disruption of invariant natural killer T cells exacerbates cardiac hypertrophy and failure caused by pressure overload in mice. <i>Experimental Physiology</i> , 2020, 105, 489-501.	0.9	9
118	Nutrition as a New Treatment Target in Chronic Heart Failure. <i>Circulation Journal</i> , 2013, 77, 604-605.	0.7	8
119	Three nights leg thermal therapy could improve sleep quality in patients with chronic heart failure. <i>Heart and Vessels</i> , 2018, 33, 155-162.	0.5	8
120	Elucidation of the Strongest Predictors of Cardiovascular Events in Patients with Heart Failure. <i>EBioMedicine</i> , 2018, 33, 185-195.	2.7	8
121	Type 2 diabetes is an independent predictor of lowered peak aerobic capacity in heart failure patients with non-reduced or reduced left ventricular ejection fraction. <i>Cardiovascular Diabetology</i> , 2020, 19, 142.	2.7	8
122	Activation of invariant natural killer T cells by alpha-galactosylceramide ameliorates doxorubicin-induced cardiotoxicity in mice. <i>European Journal of Preventive Cardiology</i> , 2020, 27, 2358-2361.	0.8	8
123	The impact of creating mathematical formula to predict cardiovascular events in patients with heart failure. <i>Scientific Reports</i> , 2018, 8, 3986.	1.6	7
124	Long-Term Tolvaptan Treatment in Refractory Heart Failure. <i>Circulation Reports</i> , 2019, 1, 431-437.	0.4	7
125	Protective roles of MITOL against myocardial senescence and ischemic injury partly via Drp1 regulation. <i>IScience</i> , 2022, 25, 104582.	1.9	7
126	Hyponatremia as a surrogate marker for optimal diuretic selection in acute heart failure. <i>Journal of Cardiology</i> , 2018, 71, 547-549.	0.8	6



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127	Mitochondrial respiration of complex II is not lower than that of complex I in mouse skeletal muscle. <i>Biochemistry and Biophysics Reports</i> , 2020, 21, 100717.	0.7	6
128	Report of the American Heart Association (AHA) Scientific Sessions 2013, Dallas. <i>Circulation Journal</i> , 2014, 78, 51-56.	0.7	5
129	Low-intensity exercise under ischemic conditions enhances metabolic stress in patients with heart failure. <i>International Journal of Cardiology</i> , 2015, 201, 142-144.	0.8	4
130	Angiotensin-converting enzyme inhibitor prevents skeletal muscle fibrosis in diabetic mice. <i>Experimental Physiology</i> , 2021, 106, 1785-1793.	0.9	4
131	Clinical Impact and Associated Factors of Delayed Ambulation in Patients With Acute Heart Failure. <i>Circulation Reports</i> , 2019, 1, 179-186.	0.4	4
132	Clinical characteristics and CHADS2 score in patients with heart failure and atrial fibrillation: Insights from the Japanese Cardiac Registry of Heart Failure in Cardiology (JCARE-CARD). <i>International Journal of Cardiology</i> , 2014, 176, 239-242.	0.8	3
133	Renin-Angiotensin-Aldosterone System and Natriuretic Peptides as Possible Targets of Waon Therapy in Heart Failure. <i>Circulation Journal</i> , 2017, 81, 635-636.	0.7	3
134	Angiotensin II and skeletal muscle abnormalities. <i>Experimental Physiology</i> , 2017, 102, 614-615.	0.9	2
135	Rapidly Progressive Heart Failure in a Female Carrier of Becker Muscular Dystrophy with No Skeletal Muscle Symptoms. <i>Internal Medicine</i> , 2019, 58, 2545-2549.	0.3	2
136	Premedication with pioglitazone prevents doxorubicin-induced left ventricular dysfunction in mice. <i>BMC Pharmacology &amp; Toxicology</i> , 2021, 22, 27.	1.0	2
137	Remarkable Effects Of Continuous Blood Flow Restriction During Multiple Sets Of Low Intensity Resistance Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 475.	0.2	1
138	Impact of citrus fruit intake on the mental health of patients with chronic heart failure. <i>Journal of Cardiology</i> , 2022, 79, 719-726.	0.8	1
139	NAD(P)H Oxidase-derived Oxidative Stress is Involved in the Exacerbated Left Ventricular Remodeling and Failure in Diabetes-associated Myocardial Infarction. <i>Journal of Cardiac Failure</i> , 2006, 12, S167-S168.	0.7	0
140	Clinical Characteristics of Hospitalized Patients with Dilated Cardiomyopathy: Results from the Japanese Cardiac Registry of Heart Failure in Cardiology (JCARE-CARD). <i>Journal of Cardiac Failure</i> , 2007, 13, S15-S16.	0.7	0
141	Impact of Impaired Glucose Tolerance and Diabetes Mellitus on Heart Failure. <i>Journal of Cardiac Failure</i> , 2007, 13, S14.	0.7	0
142	NAD(P)H Oxidase-derived Oxidative Stress Impairs Energy Metabolism in Skeletal Muscle and Limit Exercise Capacity. <i>Journal of Cardiac Failure</i> , 2007, 13, S43-S44.	0.7	0
143	The Increase in Intramyocellular Lipid in Leg Skeletal Muscle is Associated With Lowered Aerobic Exercise Capacity in Heart Failure Patients. <i>Journal of Cardiac Failure</i> , 2009, 15, S164-S165.	0.7	0
144	High-metabolic Stress During Resistance Exercise Might Provide Muscle Hypertrophy And Strength Increase Even With Low-mechanical Stimulus. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 498.	0.2	0

#	ARTICLE	IF	CITATIONS
145	The Disruption of Natural Killer T Cell Receptor Exacerbates Post-Infarct Heart Failure in Mice. <i>Journal of Cardiac Failure</i> , 2010, 16, S164.	0.7	0
146	The Activation of (Pro)renin Receptor Plays an Important Role on the Development of Insulin Resistance in Experimental Post-infarct Heart Failure. <i>Journal of Cardiac Failure</i> , 2012, 18, S162-S163.	0.7	0
147	Dipeptidyl Peptidase-4 Inhibitor Ameliorates Decreased Exercise Capacity in Experimental Heart Failure with Switching to Oxidative Fiber Type in Skeletal Muscle. <i>Journal of Cardiac Failure</i> , 2013, 19, S176.	0.7	0
148	Poor Nutritional Status was Independent Determinant of Muscle Wasting in Patients with Heart Failure. <i>Journal of Cardiac Failure</i> , 2013, 19, S133.	0.7	0
149	Skeletal Muscle Abnormalities and Exercise Training in Heart Failure with Preserved Ejection Fraction. <i>Journal of Cardiac Failure</i> , 2013, 19, S121.	0.7	0
150	The Transition from Compensated Cardiac Hypertrophy to Failure Created by Transverse Aortic Constriction in Mice. <i>Journal of Cardiac Failure</i> , 2014, 20, S204.	0.7	0
151	Acetylation Control Contributes to Maturation Alterations in Cardiac Energy Metabolism in the Newborn Heart. <i>Journal of Cardiac Failure</i> , 2016, 22, S199.	0.7	0
152	Respiratory Exchange Ratio at Anaerobic Threshold Predicts Adverse Clinical Outcomes in Patients with Heart Failure. <i>Journal of Cardiac Failure</i> , 2017, 23, S59.	0.7	0
153	Mitochondrial Dysfunction in Epicardial Adipose Tissue Correlates With Coronary Artery Stenosis. <i>Journal of Cardiac Failure</i> , 2017, 23, S78.	0.7	0
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