Shintaro Kinugawa

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Mitochondrial Electron Transport Complex I Is a Potential Source of Oxygen Free Radicals in the Failing Myocardium. Circulation Research, 1999, 85, 357-363.	4.5	615
2	JCS 2017/JHFS 2017 Guideline on Diagnosis and Treatment of Acute and Chronic Heart Failure ― Digest Version ―. Circulation Journal, 2019, 83, 2084-2184.	1.6	446
3	Direct Evidence for Increased Hydroxyl Radicals Originating From Superoxide in the Failing Myocardium. Circulation Research, 2000, 86, 152-157.	4.5	389
4	Treatment With Dimethylthiourea Prevents Left Ventricular Remodeling and Failure After Experimental Myocardial Infarction in Mice. Circulation Research, 2000, 87, 392-398.	4.5	314
5	Mitochondrial oxidative stress and dysfunction in myocardial remodelling. Cardiovascular Research, 2008, 81, 449-456.	3.8	312
6	Fluvastatin, a 3-Hydroxy-3-Methylglutaryl Coenzyme A Reductase Inhibitor, Attenuates Left Ventricular Remodeling and Failure After Experimental Myocardial Infarction. Circulation, 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). Circulation Journal, 2009, 73, 1893-1900.	1.6	290
8	Overexpression of Mitochondrial Peroxiredoxin-3 Prevents Left Ventricular Remodeling and Failure After Myocardial Infarction in Mice. Circulation, 2006, 113, 1779-1786.	1.6	221
9	Intramuscular metabolism during low-intensity resistance exercise with blood flow restriction. Journal of Applied Physiology, 2009, 106, 1119-1124.	2.5	156
10	Targeted Deletion of Matrix Metalloproteinase 2 Ameliorates Myocardial Remodeling in Mice With Chronic Pressure Overload. Hypertension, 2006, 47, 711-717.	2.7	145
11	Effect of multiple set on intramuscular metabolic stress during low-intensity resistance exercise with blood flow restriction. European Journal of Applied Physiology, 2012, 112, 3915-3920.	2.5	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). Circulation Journal, 2006, 70, 1617-1623.	1.6	125
13	Oxidative stress in skeletal muscle impairs mitochondrial respiration and limits exercise capacity in type 2 diabetic mice. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H1069-H1077.	3.2	116
14	Mitochondrial Oxidative Stress, DNA Damage, and Heart Failure. Antioxidants and Redox Signaling, 2006, 8, 1737-1744.	5.4	113
15	Dose effect on intramuscular metabolic stress during low-intensity resistance exercise with blood flow restriction. Journal of Applied Physiology, 2010, 108, 1563-1567.	2.5	110
16	Skeletal Muscle Abnormalities in Heart Failure. International Heart Journal, 2015, 56, 475-484.	1.0	105
17	Exercise Intolerance in Chronic Heart Failure. Circulation Journal, 2013, 77, 293-300.	1.6	102
18	Low-intensity exercise can increase muscle mass and strength proportionally to enhanced metabolic	2 5	101

stress under ischemic conditions. Journal of Applied Physiology, 2012, 113, 199-205.

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19	Targeted deletion of p53 prevents cardiac rupture after myocardial infarction in mice. Cardiovascular Research, 2006, 70, 457-465.	3.8	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. Circulation Research, 2005, 96, 355-362.	4.5	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). Circulation Journal, 2009, 73, 1442-1447.	1.6	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) Circulation Journal, 2011, 75, 2403-2410.	1.6	85
23	Hyperuricemia predicts adverse outcomes in patients with heart failure. International Journal of Cardiology, 2011, 151, 143-147.	1.7	84
24	JCS/JHFS 2021 Guideline Focused Update on Diagnosis and Treatment of Acute and Chronic Heart Failure. Circulation Journal, 2021, 85, 2252-2291.	1.6	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). Circulation Journal, 2007, 71, 449-454.	1.6	79
26	Mode of Death in Patients With Heart Failure and Reduced vs. Preserved Ejection Fraction. Circulation Journal, 2012, 76, 1662-1669.	1.6	78
27	Curcumin ameliorates skeletal muscle atrophy in type 1 diabetic mice by inhibiting protein ubiquitination. Experimental Physiology, 2015, 100, 1052-1063.	2.0	75
28	Amiodarone Protects Cardiac Myocytes Against Oxidative Injury by its Free Radical Scavenging Action. Circulation, 1999, 100, 690-692.	1.6	73
29	Activation of Natural Killer T Cells Ameliorates Postinfarct Cardiac Remodeling and Failure in Mice. Circulation Research, 2012, 111, 1037-1047.	4.5	73
30	Angiotensin II can directly induce mitochondrial dysfunction, decrease oxidative fibre number and induce atrophy in mouse hindlimb skeletal muscle. Experimental Physiology, 2015, 100, 312-322.	2.0	70
31	Tyrosine kinase FYN negatively regulates NOX4 in cardiac remodeling. Journal of Clinical Investigation, 2016, 126, 3403-3416.	8.2	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. Cardiovascular Research, 2016, 111, 338-347.	3.8	64
33	Angiotensin II Type 1 Receptor Blocker Attenuates Myocardial Remodeling and Preserves Diastolic Function in Diabatic Heart. Hypertension Research, 2007, 30, 439-449.	2.7	63
34	Hyperhomocysteinemia Alters Cardiac Substrate Metabolism by Impairing Nitric Oxide Bioavailability Through Oxidative Stress. Circulation, 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. Nephrology Dialysis Transplantation, 2015, 30, 934-942.	0.7	62
36	Systemic Oxidative Stress Is Associated With Lower Aerobic Capacity and Impaired Skeletal Muscle Energy Metabolism in Patients With Metabolic Syndrome. Diabetes Care, 2013, 36, 1341-1346.	8.6	60

#	Article	IF	CITATIONS
37	JCS/JHFS 2021 Guideline Focused Update on Diagnosis and Treatment of Acute and Chronic Heart Failure. Journal of Cardiac Failure, 2021, 27, 1404-1444.	1.7	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) Circulation Journal, 2010, 74, 2605-2611.	1.6	59
39	Characteristics, management, and outcomes for patients during hospitalization due to worsening heart failure—A report from the Japanese Cardiac Registry of Heart Failure in Cardiology (JCARE-CARD). Journal of Cardiology, 2013, 62, 95-101.	1.9	56
40	Oxidative stress impairs insulin signal in skeletal muscle and causes insulin resistance in postinfarct heart failure. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H1637-H1644.	3.2	55
41	Angiotensin II-induced reduction in exercise capacity is associated with increased oxidative stress in skeletal muscle. American Journal of Physiology - Heart and Circulatory Physiology, 2012, 302, H1202-H1210.	3.2	55
42	Validation of Gene Therapy for Mutant Mitochondria by Delivering Mitochondrial RNA Using a MITO-Porter. Molecular Therapy - Nucleic Acids, 2020, 20, 687-698.	5.1	54
43	Standard Cardiac Rehabilitation Program for Heart Failure. Circulation Journal, 2019, 83, 2394-2398.	1.6	53
44	Limited Exercise Capacity in Heterozygous Manganese Superoxide Dismutase Gene–Knockout Mice. Circulation, 2005, 111, 1480-1486.	1.6	52
45	Loop Diuretic Use at Discharge Is Associated With Adverse Outcomes in Hospitalized Patients With Heart Failure. Circulation Journal, 2012, 76, 1920-1927.	1.6	50
46	Spironolactone use at discharge was associated with improved survival in hospitalized patients with systolic heart failure. American Heart Journal, 2010, 160, 1156-1162.	2.7	49
47	Serum myostatin levels are independently associated with skeletal muscle wasting in patients with heart failure. International Journal of Cardiology, 2016, 220, 483-487.	1.7	47
48	Increased plasma soluble (pro)renin receptor levels are correlated with renal dysfunction in patients with heart failure. International Journal of Cardiology, 2013, 168, 4313-4314.	1.7	46
49	Protein acetylation in skeletal muscle mitochondria is involved in impaired fatty acid oxidation and exercise intolerance in heart failure. Journal of Cachexia, Sarcopenia and Muscle, 2018, 9, 844-859.	7.3	46
50	Fatty acids increase the circulating levels of oxidative stress factors in mice with dietâ€induced obesity via redox changes of albumin. FEBS Journal, 2007, 274, 3855-3863.	4.7	45
51	JCS/JHFS 2018 Guideline on the Diagnosis and Treatment of Cardiomyopathies. Circulation Journal, 2021, 85, 1590-1689.	1.6	45
52	Increased myocardial NAD(P)H oxidase-derived superoxide causes the exacerbation of postinfarct heart failure in type 2 diabetes. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H409-H416.	3.2	44
53	Clinical characteristics and outcomes of heart failure with preserved ejection fraction: Lessons from epidemiological studies. Journal of Cardiology, 2010, 55, 13-22.	1.9	44
54	Empagliflozin restores lowered exercise endurance capacity via the activation of skeletal muscle fatty acid oxidation in a murine model of heart failure. European Journal of Pharmacology, 2020, 866, 172810.	3.5	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. Journal of Applied Physiology, 2013, 114, 844-857.	2.5	42
56	Coronary Microvascular Endothelial Stunning After Acute Pressure Overload in the Conscious Dog Is Caused by Oxidant Processes. Circulation, 2003, 108, 2934-2940.	1.6	40
57	Activation of invariant natural killer T cells by α-galactosylceramide ameliorates myocardial ischemia/reperfusion injury in mice. Journal of Molecular and Cellular Cardiology, 2013, 62, 179-188.	1.9	38
58	α ₁ -Adrenoceptor-G _q -RhoA signaling is upregulated to increase myofibrillar Ca ²⁺ sensitivity in failing hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 281, H637-H646.	3.2	37
59	Prevalence and Clinical Implication of Metabolic Syndrome in Chronic Heart Failure - Report From MetS-CHF Study Circulation Journal, 2010, 74, 2612-2621.	1.6	37
60	Overexpression of mitochondrial transcription factor A (TFAM) ameliorates delayed neuronal death due to transient forebrain ischemia in mice. Neuropathology, 2010, 30, 401-407.	1.2	37
61	Hyponatremia is an independent predictor of adverse clinical outcomes in hospitalized patients due to worsening heart failure. Journal of Cardiology, 2014, 63, 182-188.	1.9	36
62	Decreased serum brain-derived neurotrophic factor levels are correlated with exercise intolerance in patients with heart failure. International Journal of Cardiology, 2013, 168, e142-e144.	1.7	35
63	Clinical characteristics and outcomes of dilated phase of hypertrophic cardiomyopathy: Report from the registry data in Japan. Journal of Cardiology, 2013, 61, 65-70.	1.9	34
64	(Pro)renin receptor in skeletal muscle is involved in the development of insulin resistance associated with postinfarct heart failure in mice. American Journal of Physiology - Endocrinology and Metabolism, 2014, 307, E503-E514.	3.5	34
65	Serum Brain-Derived Neurotropic Factor Level Predicts Adverse Clinical Outcomes in Patients With Heart Failure. Journal of Cardiac Failure, 2015, 21, 300-306.	1.7	34
66	Blood Flow Restriction Exercise in Sprinters and Endurance Runners. Medicine and Science in Sports and Exercise, 2012, 44, 413-419.	0.4	33
67	The experimental model of transition from compensated cardiac hypertrophy to failure created by transverse aortic constriction in mice. IJC Heart and Vasculature, 2016, 11, 24-28.	1.1	33
68	Brain-Derived Neurotrophic Factor Improves Limited Exercise Capacity in Mice With Heart Failure. Circulation, 2018, 138, 2064-2066.	1.6	32
69	Sesamin prevents decline in exercise capacity and impairment of skeletal muscle mitochondrial function in mice with highâ€fat dietâ€induced diabetes. Experimental Physiology, 2015, 100, 1319-1330.	2.0	31
70	Mitochondrial reactive oxygen species generation in blood cells is associated with disease severity and exercise intolerance in heart failure patients. Scientific Reports, 2019, 9, 14709.	3.3	31
71	Pioglitazone improves wholeâ€body aerobic capacity and skeletal muscle energy metabolism in patients with metabolic syndrome. Journal of Diabetes Investigation, 2017, 8, 535-541.	2.4	30
72	Linoleic acid improves assembly of the CII subunit and CIII2/CIV complex of the mitochondrial oxidative phosphorylation system in heart failure. Cell Communication and Signaling, 2019, 17, 128.	6.5	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. Endocrinology, 2014, 155, 68-80.	2.8	29
74	Effects of ACE Inhibition on Left Ventricular Failure and Oxidative Stress in Dahl Salt-Sensitive Rats. Journal of Cardiovascular Pharmacology, 2001, 37, 725-733.	1.9	27
75	Lower aerobic capacity was associated with abnormal intramuscular energetics in patients with metabolic syndrome. Hypertension Research, 2011, 34, 1029-1034.	2.7	26
76	Inhibition of xanthine oxidase in the acute phase of myocardial infarction prevents skeletal muscle abnormalities and exercise intolerance. Cardiovascular Research, 2021, 117, 805-819.	3.8	25
77	Angiotensin II Type 1 Receptor Blocker Attenuates Exacerbated Left Ventricular Remodeling and Failure in Diabetes-Associated Myocardial Infarction. Journal of Cardiovascular Pharmacology, 2006, 48, 95-102.	1.9	24
78	Pioglitazone ameliorates the lowered exercise capacity and impaired mitochondrial function of the skeletal muscle in type 2 diabetic mice. European Journal of Pharmacology, 2014, 740, 690-696.	3.5	24
79	Randomized Trial of Effect of Urate-Lowering Agent Febuxostat in Chronic Heart Failure Patients with Hyperuricemia (LEAF-CHF). International Heart Journal, 2018, 59, 976-982.	1.0	24
80	Resistance training with interval blood flow restriction effectively enhances intramuscular metabolic stress with less ischemic duration and discomfort. Applied Physiology, Nutrition and Metabolism, 2019, 44, 759-764.	1.9	24
81	Homeâ€based cardiac rehabilitation using information and communication technology for heart failure patients with frailty. ESC Heart Failure, 2022, 9, 2407-2418.	3.1	24
82	Sarcomere Gene Mutations Are Associated With Increased Cardiovascular Events in Left Ventricular Hypertrophy. JACC: Heart Failure, 2013, 1, 459-466.	4.1	23
83	Abnormalities of Skeletal Muscle, Adipocyte Tissue, and Lipid Metabolism in Heart Failure: Practical Therapeutic Targets. Frontiers in Cardiovascular Medicine, 2020, 7, 79.	2.4	22
84	Negative Inotropic Effect of Basic Fibroblast Growth Factor on Adult Rat Cardiac Myocyte. Circulation, 1997, 96, 2501-2504.	1.6	22
85	Malnutrition in Heart Failure. JACC: Heart Failure, 2018, 6, 487-488.	4.1	20
86	Cardiac-specific loss of mitoNEET expression is linked with age-related heart failure. Communications Biology, 2021, 4, 138.	4.4	20
87	Impaired mitochondrial oxidative phosphorylation capacity in epicardial adipose tissue is associated with decreased concentration of adiponectin and severity of coronary atherosclerosis. Scientific Reports, 2019, 9, 3535.	3.3	19
88	Brain-Derived Neurotrophic Factor Improves Impaired Fatty Acid Oxidation Via the Activation of Adenosine Monophosphate-Activated Protein Kinase-ɑ – Proliferator-Activated Receptor-r Coactivator-1ɑ Signaling in Skeletal Muscle of Mice With Heart Failure. Circulation: Heart Failure, 2021, 14, e005890.	3.9	18
89	Positive Inotropic Effects of Calcium Sensitizers on Normal and Failing Cardiac Myocytes. Journal of Cardiovascular Pharmacology, 2001, 37, 16-24.	1.9	17
90	Assessment of Quality of Life During Long-Term Treatment of Tolvaptan in Refractory Heart Failure. International Heart Journal, 2014, 55, 264-267.	1.0	16

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91	The novel heart-specific RING finger protein 207 is involved in energy metabolism in cardiomyocytes. Journal of Molecular and Cellular Cardiology, 2016, 100, 43-53.	1.9	16
92	A mitochondrial delivery system using liposome-based nanocarriers that target myoblast cells. Mitochondrion, 2019, 49, 66-72.	3.4	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). Heart and Vessels, 2014, 29, 328-335.	1.2	15
94	Intramyocellular lipid is increased in the skeletal muscle of patients with dilated cardiomyopathy with lowered exercise capacity. International Journal of Cardiology, 2014, 176, 1110-1112.	1.7	15
95	Progressive Mobilization Program for Patients With Acute Heart Failure Reduces Hospital Stay and Improves Clinical Outcome. Circulation Reports, 2019, 1, 123-130.	1.0	15
96	Systemic oxidative stress is associated with lower aerobic capacity and impaired skeletal muscle energy metabolism in heart failure patients. Scientific Reports, 2021, 11, 2272.	3.3	14
97	Deletion of NAD(P)H Oxidase 2 Prevents Angiotensin II-Induced Skeletal Muscle Atrophy. BioMed Research International, 2018, 2018, 1-10.	1.9	13
98	Enhanced Echo Intensity of Skeletal Muscle Is Associated With Exercise Intolerance in Patients With Heart Failure. Journal of Cardiac Failure, 2020, 26, 685-693.	1.7	13
99	Discharge use of angiotensin receptor blockers provides comparable effects with angiotensin-converting enzyme inhibitors on outcomes in patients hospitalized for heart failure. Hypertension Research, 2010, 33, 197-202.	2.7	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. Molecular and Cellular Biochemistry, 2012, 359, 161-167.	3.1	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. European Journal of Pharmacology, 2016, 779, 147-156.	3.5	12
102	Loop diuretic use is associated with skeletal muscle wasting in patients with heart failure. Journal of Cardiology, 2020, 76, 109-114.	1.9	12
103	Impact of Inadequate Calorie Intake on Mortality and Hospitalization in Stable Patients with Chronic Heart Failure. Nutrients, 2021, 13, 874.	4.1	12
104	Treatments for skeletal muscle abnormalities in heart failure: sodium-glucose transporter 2 and ketone bodies. American Journal of Physiology - Heart and Circulatory Physiology, 2022, 322, H117-H128.	3.2	12
105	gp91phox-containing NAD(P)H oxidase mediates attenuation of nitric oxide-dependent control of myocardial oxygen consumption by ANG II. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H862-H867.	3.2	11
106	Diagnostic Criteria and Severity Score for Triglyceride Deposit Cardiomyovasculopathy. Annals of Nuclear Cardiology, 2018, 4, 94-100.	0.2	11
107	Impact of High Respiratory Exchange Ratio During Submaximal Exercise on Adverse Clinical Outcome in Heart Failure. Circulation Journal, 2018, 82, 2753-2760.	1.6	11
108	Serum Brain-Derived Neurotrophic Factor Levels Are Associated with Skeletal Muscle Function but Not with Muscle Mass in Patients with Heart Failure. International Heart Journal, 2020, 61, 96-102.	1.0	11

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109	Branched-chain amino acid supplementation ameliorates angiotensin II-induced skeletal muscle atrophy. Life Sciences, 2020, 250, 117593.	4.3	11
110	Diagnostic performance of nutritional indicators in patients with heart failure. ESC Heart Failure, 2022, 9, 2096-2106.	3.1	11
111	Fulminant necrotizing eosinophilic myocarditis after COVIDâ€19 vaccination survived with mechanical circulatory support. ESC Heart Failure, 2022, 9, 2732-2737.	3.1	11
112	Role of Ca2+ availability to myofilaments and their sensitivity to Ca2+ in myocyte contractile dysfunction in heart failure. Cardiovascular Research, 1999, 44, 398-406.	3.8	10
113	Adrenoceptor-mediated regulation of myofibrillar Ca 2+ sensitivity through the GTP-binding protein-related mechanisms: tension recording in ?-escin-skinned single rat cardiac cells with preserved receptor functions. Pflugers Archiv European Journal of Physiology, 1999, 437, 702-709.	2.8	10
114	Tolerability, Efficacy, and Safety of Bisoprolol vs. Carvedilol in Japanese Patients With Heart Failure and Reduced Ejection Fraction ― The CIBIS-J Trial ―. Circulation Journal, 2019, 83, 1269-1277.	1.6	10
115	Angiotensin-converting-enzyme inhibitor prevents skeletal muscle fibrosis in myocardial infarction mice. Skeletal Muscle, 2020, 10, 11.	4.2	10
116	GFAT2 mediates cardiac hypertrophy through HBP-O-GlcNAcylation-Akt pathway. IScience, 2021, 24, 103517.	4.1	10
117	The disruption of invariant natural killer T cells exacerbates cardiac hypertrophy and failure caused by pressure overload in mice. Experimental Physiology, 2020, 105, 489-501.	2.0	9
118	Nutrition as a New Treatment Target in Chronic Heart Failure. Circulation Journal, 2013, 77, 604-605.	1.6	8
119	Three nights leg thermal therapy could improve sleep quality in patients with chronic heart failure. Heart and Vessels, 2018, 33, 155-162.	1.2	8
120	Elucidation of the Strongest Predictors of Cardiovascular Events in Patients with Heart Failure. EBioMedicine, 2018, 33, 185-195.	6.1	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. Cardiovascular Diabetology, 2020, 19, 142.	6.8	8
122	Activation of invariant natural killer T cells by alpha-galactosylceramide ameliorates doxorubicin-induced cardiotoxicity in mice. European Journal of Preventive Cardiology, 2020, 27, 2358-2361.	1.8	8
123	The impact of creating mathematical formula to predict cardiovascular events in patients with heart failure. Scientific Reports, 2018, 8, 3986.	3.3	7
124	Long-Term Tolvaptan Treatment in Refractory Heart Failure. Circulation Reports, 2019, 1, 431-437.	1.0	7
125	Protective roles of MITOL against myocardial senescence and ischemic injury partly via Drp1 regulation. IScience, 2022, 25, 104582.	4.1	7
126	Hyponatremia as a surrogate marker for optimal diuretic selection in acute heart failure. Journal of Cardiology, 2018, 71, 547-549.	1.9	6

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127	Mitochondrial respiration of complex II is not lower than that of complex I in mouse skeletal muscle. Biochemistry and Biophysics Reports, 2020, 21, 100717.	1.3	6
128	Report of the American Heart Association (AHA) Scientific Sessions 2013, Dallas. Circulation Journal, 2014, 78, 51-56.	1.6	5
129	Low-intensity exercise under ischemic conditions enhances metabolic stress in patients with heart failure. International Journal of Cardiology, 2015, 201, 142-144.	1.7	4
130	Angiotensin onverting enzyme inhibitor prevents skeletal muscle fibrosis in diabetic mice. Experimental Physiology, 2021, 106, 1785-1793.	2.0	4
131	Clinical Impact and Associated Factors of Delayed Ambulation in Patients With Acute Heart Failure. Circulation Reports, 2019, 1, 179-186.	1.0	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). International Journal of Cardiology, 2014, 176, 239-242.	1.7	3
133	Renin-Angiotensin-Aldosterone System and Natriuretic Peptides as Possible Targets of Waon Therapy in Heart Failure. Circulation Journal, 2017, 81, 635-636.	1.6	3
134	Angiotensin II and skeletal muscle abnormalities. Experimental Physiology, 2017, 102, 614-615.	2.0	2
135	Rapidly Progressive Heart Failure in a Female Carrier of Becker Muscular Dystrophy with No Skeletal Muscle Symptoms. Internal Medicine, 2019, 58, 2545-2549.	0.7	2
136	Premedication with pioglitazone prevents doxorubicin-induced left ventricular dysfunction in mice. BMC Pharmacology & Toxicology, 2021, 22, 27.	2.4	2
137	Remarkable Effects Of Continuous Blood Flow Restriction During Multiple Sets Of Low Intensity Resistance Exercise. Medicine and Science in Sports and Exercise, 2009, 41, 475.	0.4	1
138	Impact of citrus fruit intake on the mental health of patients with chronic heart failure. Journal of Cardiology, 2022, 79, 719-726.	1.9	1
139	NAD(P)H Oxidase-derived Oxidative Stress is Involved in the Exacerbated Left Ventricular Remodeling and Failure in Diabetes-associated Myocardial Infarction. Journal of Cardiac Failure, 2006, 12, S167-S168.	1.7	Ο
140	Clinical Characteristics of Hospitalized Patients with Dilated Cardiomyopathy: Results from the Japanese Cardiac Registry of Heart Failure in Cardiology (JCARE-CARD). Journal of Cardiac Failure, 2007, 13, S15-S16.	1.7	0
141	Impact of Impaired Glucose Tolerance and Diabetes Mellitus on Heart Failure. Journal of Cardiac Failure, 2007, 13, S14.	1.7	Ο
142	NAD(P)H Oxidase-derived Oxidative Stress Impairs Energy Metabolism in Skeletal Muscle and Limit Exercise Capacity. Journal of Cardiac Failure, 2007, 13, S43-S44.	1.7	0
143	The Increase in Intramyocellular Lipid in Leg Skeletal Muscle is Associated With Lowered Aerobic Exercise Capacity in Heart Failure Patients. Journal of Cardiac Failure, 2009, 15, S164-S165.	1.7	0
144	High-metabolic Stress During Resistance Exercise Might Provide Muscle Hypertrophy And Strength Increase Even With Low-mechanical Stimulus. Medicine and Science in Sports and Exercise, 2010, 42, 498.	0.4	0

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145	The Disruption of Natural Killer T Cell Receptor Exacerbates Post-Infarct Heart Failure in Mice. Journal of Cardiac Failure, 2010, 16, S164.	1.7	0
146	The Activation of (Pro)renin Receptor Plays an Important Role on the Development of Insulin Resistance in Experimental Post-infarct Heart Failure. Journal of Cardiac Failure, 2012, 18, S162-S163.	1.7	0
147	Dipeptidyl Peptidase-4 Inhibitor Ameliorates Decreased Exercise Capacity in Experimental Heart Failure with Switching to Oxidative Fiber Type in Skeletal Muscle. Journal of Cardiac Failure, 2013, 19, S176.	1.7	0
148	Poor Nutritional Status was Independent Determinant of Muscle Wasting in Patients with Heart Failure. Journal of Cardiac Failure, 2013, 19, S133.	1.7	0
149	Skeletal Muscle Abnormalities and Exercise Training in Heart Failure with Preserved Ejection Fraction. Journal of Cardiac Failure, 2013, 19, S121.	1.7	0
150	The Transition from Compensated Cardiac Hypertrophy to Failure Created by Transverse Aortic Constriction in Mice. Journal of Cardiac Failure, 2014, 20, S204.	1.7	0
151	Acetylation Control Contributes to Maturational Alterations in Cardiac Energy Metabolism in the Newborn Heart. Journal of Cardiac Failure, 2016, 22, S199.	1.7	0
152	Respiratory Exchange Ratio at Anaerobic Threshold Predicts Adverse Clinical Outcomes in Patients with Heart Failure. Journal of Cardiac Failure, 2017, 23, S59.	1.7	0
153	Mitochondrial Dysfunction in Epicardial Adipose Tissue Correlates With Coronary Artery Stenosis. Journal of Cardiac Failure, 2017, 23, S78.	1.7	0
154	Treatment with brain-derived neurotrophic factor for skeletal muscle abnormalities in heart failure. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2021, 94, 2-S22-3.	0.0	0
155	Hyperhomocysteinemia Alters The Cardiac Metabolism by Impairing Nitric Oxide Bioavailability Through Oxidative Stress. FASEB Journal, 2006, 20, A318.	0.5	0
156	Chronic Hyperhomocysteinemia Regulates Cardiac Myocyte Gene Expression Creating a Cardiac Metabolic Disease. FASEB Journal, 2006, 20, A1187.	0.5	0
157	NOS dependent gene regulation in cardiac tissues of conscious type I diabetic dogs. FASEB Journal, 2008, 22, 1155.9.	0.5	0