

Takashi Yokota

List of Publications by Year in descending order

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Version: 2024-02-01

75
papers

2,184
citations

186265

28
h-index

254184

43
g-index

79
all docs

79
docs citations

79
times ranked

3400
citing authors

#	ARTICLE	IF	CITATIONS
1	Variability and repertoire size of T-cell receptor $V\beta$ gene segments. <i>Nature</i> , 1985, 317, 430-434.	27.8	145
2	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.	3.2	116
3	Hydrogen Inhalation During Normoxic Resuscitation Improves Neurological Outcome in a Rat Model of Cardiac Arrest Independently of Targeted Temperature Management. <i>Circulation</i> , 2014, 130, 2173-2180.	1.6	104
4	Hyperuricemia predicts adverse outcomes in patients with heart failure. <i>International Journal of Cardiology</i> , 2011, 151, 143-147.	1.7	84
5	Skeletal muscle mitochondrial H_2O_2 emission increases with immobilization and decreases after aerobic training in young and older men. <i>Journal of Physiology</i> , 2015, 593, 4011-4027.	2.9	73
6	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.	2.0	70
7	Two weeks of one-leg immobilization decreases skeletal muscle respiratory capacity equally in young and elderly men. <i>Experimental Gerontology</i> , 2014, 58, 269-278.	2.8	69
8	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.	3.8	64
9	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.	0.7	62
10	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.	8.6	60
11	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.	1.6	59
12	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.	3.2	55
13	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.	3.2	55
14	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.	5.1	54
15	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.	1.7	47
16	Pre-ischaemic mitochondrial substrate constraint by inhibition of malate-aspartate shuttle preserves mitochondrial function after ischaemia-reperfusion. <i>Journal of Physiology</i> , 2017, 595, 3765-3780.	2.9	46
17	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.	7.3	46
18	Coronary Calcification and Plaque Vulnerability. <i>Circulation: Cardiovascular Imaging</i> , 2016, 9, .	2.6	45

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19	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.	3.5	43
20	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.	2.5	42
21	Impaired cardiac mitochondrial oxidative phosphorylation and enhanced mitochondrial oxidative stress in feline hypertrophic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1237-H1247.	3.2	40
22	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.	1.7	35
23	(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.	3.5	34
24	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.	1.7	34
25	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.	1.1	33
26	A Novel In-Frame Deletion in the Leucine Zipper Domain of C/EBP β Leads to Neutrophil-Specific Granule Deficiency. <i>Journal of Immunology</i> , 2015, 195, 80-86.	0.8	32
27	Brain-Derived Neurotrophic Factor Improves Limited Exercise Capacity in Mice With Heart Failure. <i>Circulation</i> , 2018, 138, 2064-2066.	1.6	32
28	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.	2.0	31
29	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.	3.3	31
30	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.	2.8	29
31	Lower aerobic capacity was associated with abnormal intramuscular energetics in patients with metabolic syndrome. <i>Hypertension Research</i> , 2011, 34, 1029-1034.	2.7	26
32	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.	3.8	25
33	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.	3.5	24
34	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.	1.0	24
35	Decreased gene expression of fatty acid binding protein 3 in the atrium of patients with new onset of atrial fibrillation in cardiac perioperative phase. <i>Journal of Cardiology</i> , 2018, 71, 65-70.	1.9	20
36	Cardiac-specific loss of mitoNEET expression is linked with age-related heart failure. <i>Communications Biology</i> , 2021, 4, 138.	4.4	20

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37	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.	3.3	19
38	Correlation between increased atrial expression of genes related to fatty acid metabolism and autophagy in patients with chronic atrial fibrillation. <i>PLoS ONE</i> , 2020, 15, e0224713.	2.5	18
39	Brain-Derived Neurotrophic Factor Improves Impaired Fatty Acid Oxidation Via the Activation of Adenosine Monophosphate-Activated Protein Kinase- ϵ 's Proliferator-Activated Receptor- α Coactivator-1 β Signaling in Skeletal Muscle of Mice With Heart Failure. <i>Circulation: Heart Failure</i> , 2021, 14, e005890.	3.9	18
40	Baf53a is involved in survival of mouse ES cells, which can be compensated by Baf53b. <i>Scientific Reports</i> , 2017, 7, 14059.	3.3	17
41	Impact of admission liver stiffness on long-term clinical outcomes in patients with acute decompensated heart failure. <i>Heart and Vessels</i> , 2019, 34, 984-991.	1.2	17
42	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.	1.9	16
43	A mitochondrial delivery system using liposome-based nanocarriers that target myoblast cells. <i>Mitochondrion</i> , 2019, 49, 66-72.	3.4	16
44	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.	1.7	15
45	Progressive Mobilization Program for Patients With Acute Heart Failure Reduces Hospital Stay and Improves Clinical Outcome. <i>Circulation Reports</i> , 2019, 1, 123-130.	1.0	15
46	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.	3.3	14
47	Deletion of NAD(P)H Oxidase 2 Prevents Angiotensin II-Induced Skeletal Muscle Atrophy. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	13
48	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.	1.7	13
49	Coronary Plaque Characteristics Associated With Reduced TIMI (Thrombolysis in Myocardial) Tj ETQq1 1 0.784314 rgBT /Overlock 10 <i>Cardiovascular Interventions</i> , 2016, 9, .	3.9	12
50	Loop diuretic use is associated with skeletal muscle wasting in patients with heart failure. <i>Journal of Cardiology</i> , 2020, 76, 109-114.	1.9	12
51	Impact of Inadequate Calorie Intake on Mortality and Hospitalization in Stable Patients with Chronic Heart Failure. <i>Nutrients</i> , 2021, 13, 874.	4.1	12
52	Impact of High Respiratory Exchange Ratio During Submaximal Exercise on Adverse Clinical Outcome in Heart Failure. <i>Circulation Journal</i> , 2018, 82, 2753-2760.	1.6	11
53	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.	1.0	11
54	Branched-chain amino acid supplementation ameliorates angiotensin II-induced skeletal muscle atrophy. <i>Life Sciences</i> , 2020, 250, 117593.	4.3	11

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55	Diagnostic performance of nutritional indicators in patients with heart failure. <i>ESC Heart Failure</i> , 2022, 9, 2096-2106.	3.1	11
56	Lower prevalence of circulating natural killer T cells in patients with angina: a potential novel marker for coronary artery disease. <i>Coronary Artery Disease</i> , 2006, 17, 523-528.	0.7	10
57	Angiotensin-converting-enzyme inhibitor prevents skeletal muscle fibrosis in myocardial infarction mice. <i>Skeletal Muscle</i> , 2020, 10, 11.	4.2	10
58	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.	6.8	8
59	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.	1.8	8
60	Esrrb directly binds to Gata6 promoter and regulates its expression with Dax1 and Ncoa3. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 1720-1725.	2.1	7
61	A case of interstitial cystitis accompanying Sjögren's syndrome. <i>Modern Rheumatology</i> , 2005, 15, 73-76.	1.8	6
62	GA-Binding Protein Alpha Is Involved in the Survival of Mouse Embryonic Stem Cells. <i>Stem Cells</i> , 2017, 35, 2229-2238.	3.2	6
63	C/EBP μ RS derived from a neutrophil-specific granule deficiency patient interacts with HDAC1 and its dysfunction is restored by trichostatin A. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 293-299.	2.1	6
64	Diastolic Intra-Left Ventricular Pressure Difference During Exercise: Strong Determinant and Predictor of Exercise Capacity in Patients With Heart Failure. <i>Journal of Cardiac Failure</i> , 2019, 25, 268-277.	1.7	6
65	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.	1.3	6
66	Angiotensin-converting enzyme inhibitor prevents skeletal muscle fibrosis in diabetic mice. <i>Experimental Physiology</i> , 2021, 106, 1785-1793.	2.0	4
67	Clinical Impact and Associated Factors of Delayed Ambulation in Patients With Acute Heart Failure. <i>Circulation Reports</i> , 2019, 1, 179-186.	1.0	4
68	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.	1.7	3
69	Loeys-Dietz Cardiomyopathy? Long-term Follow-up After Onset of Acute Decompensated Heart Failure. <i>Canadian Journal of Cardiology</i> , 2022, 38, 389-391.	1.7	3
70	A Brief, Individualized Exercise Program at Intensities Below the Ventilatory Threshold Exerts Therapeutic Effects for Depression: A Pilot Study. <i>Frontiers in Behavioral Neuroscience</i> , 2021, 15, 787688.	2.0	3
71	Luseogliflozin preserves the pancreatic beta-cell mass and function in db/db mice by improving mitochondrial function. <i>Scientific Reports</i> , 2022, 12, .	3.3	3
72	BDNF as a novel therapeutic candidate for Kennedy's disease. <i>Journal of Physiology</i> , 2020, 598, 2543-2544.	2.9	2

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73	Premedication with pioglitazone prevents doxorubicin-induced left ventricular dysfunction in mice. BMC Pharmacology & Toxicology, 2021, 22, 27.	2.4	2
74	Natural Killer T Cells Are Involved in Atherosclerotic Plaque Instability in Apolipoprotein-E Knockout Mice. International Journal of Molecular Sciences, 2021, 22, 12451.	4.1	1
75	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