

# Tomoyasu Kadoguchi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/639474/publications.pdf>

Version: 2024-02-01

57  
papers

1,119  
citations

361413

20  
h-index

395702

33  
g-index

57  
all docs

57  
docs citations

57  
times ranked

1715  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.5	128
2	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.	2.5	101
3	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
4	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
5	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
6	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.	1.7	46
7	An Interleukin-6 Receptor Antibody Suppresses Atherosclerosis in Atherogenic Mice. <i>Frontiers in Cardiovascular Medicine</i> , 2017, 4, 84.	2.4	44
8	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
9	Promotion of oxidative stress is associated with mitochondrial dysfunction and muscle atrophy in aging mice. <i>Geriatrics and Gerontology International</i> , 2020, 20, 78-84.	1.5	40
10	Activation of invariant natural killer T cells by $\beta$ -galactosylceramide ameliorates myocardial ischemia/reperfusion injury in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2013, 62, 179-188.	1.9	38
11	Association of advanced glycation end products with sarcopenia and frailty in chronic kidney disease. <i>Scientific Reports</i> , 2020, 10, 17647.	3.3	37
12	Elevated Circulating Levels of Inflammatory Markers in Patients with Acute Coronary Syndrome. <i>International Journal of Vascular Medicine</i> , 2015, 2015, 1-8.	1.0	36
13	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
14	(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
15	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
16	Blood Flow Restriction Exercise in Sprinters and Endurance Runners. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 413-419.	0.4	33
17	Inhibition of interleukin-1 suppresses angiotensin II-induced aortic inflammation and aneurysm formation. <i>International Journal of Cardiology</i> , 2018, 270, 221-227.	1.7	31
18	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.	2.4	30

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	Low 1,5-anhydroglucitol levels are associated with long-term cardiac mortality in acute coronary syndrome patients with hemoglobin A1c levels less than 7.0%. <i>Cardiovascular Diabetology</i> , 2017, 16, 151.	6.8	24
22	Correlation of Nutritional Indices on Admission to the Coronary Intensive Care Unit with the Development of Delirium. <i>Nutrients</i> , 2018, 10, 1712.	4.1	18
23	Low Serum Levels of EPA are Associated with the Size and Growth Rate of Abdominal Aortic Aneurysm. <i>Journal of Atherosclerosis and Thrombosis</i> , 2017, 24, 912-920.	2.0	17
24	Low and exacerbated levels of 1,5-anhydroglucitol are associated with cardiovascular events in patients after first-time elective percutaneous coronary intervention. <i>Cardiovascular Diabetology</i> , 2016, 15, 145.	6.8	14
25	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
26	Enhanced monocyte migratory activity in the pathogenesis of structural remodeling in atrial fibrillation. <i>PLoS ONE</i> , 2020, 15, e0240540.	2.5	13
27	Possible Role of NADPH Oxidase 4 in Angiotensin II-Induced Muscle Wasting in Mice. <i>Frontiers in Physiology</i> , 2018, 9, 340.	2.8	12
28	Relationship between the Kihon Checklist and the clinical parameters in patients who participated in cardiac rehabilitation. <i>Geriatrics and Gerontology International</i> , 2019, 19, 287-292.	1.5	11
29	Association between the tissue accumulation of advanced glycation end products and exercise capacity in cardiac rehabilitation patients. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 195.	1.7	9
30	Low-dose oral cyclophosphamide therapy reduces atherosclerosis progression by decreasing inflammatory cells in a murine model of atherosclerosis. <i>IJC Heart and Vasculature</i> , 2020, 28, 100529.	1.1	7
31	Heterogeneity in the vasodilatory function of individual extremities. <i>Vascular</i> , 2020, 28, 87-95.	0.9	6
32	Left Atrial Appendage Volume and Plasma Docosahexaenoic Acid Levels Are Associated With Atrial Fibrillation Recurrence After Catheter Ablation. <i>Cardiology Research</i> , 2017, 8, 96-104.	1.1	6
33	Associations among circulating levels of follistatin-like 1, clinical parameters, and cardiovascular events in patients undergoing elective percutaneous coronary intervention with drug-eluting stents. <i>PLoS ONE</i> , 2019, 14, e0216297.	2.5	4
34	Lack of Î²BNS promotes cholate-containing high-fat diet-induced inflammation and atherogenesis in low-density lipoprotein (LDL) receptor-deficient mice. <i>IJC Heart and Vasculature</i> , 2019, 23, 100344.	1.1	2
35	Voluntary exercise and cardiac remodeling in a myocardial infarction model. <i>Open Medicine (Poland)</i> , 2020, 15, 545-555.	1.3	2
36	The Activation of Invariant Natural Killer T Cells Ameliorates Myocardial Ischemia Reperfusion Injury in Mice. <i>Journal of Cardiac Failure</i> , 2012, 18, S170.	1.7	1

#	ARTICLE	IF	CITATIONS
37	Prognostic impact of peak oxygen uptake and heart rate reserve in patients after off-pump coronary artery bypass grafting. <i>Clinical Cardiology</i> , 2021, 44, 580-587.	1.8	1
38	Abstract 12182: Brain-Derived Neurotrophic Factor Maintains Exercise Capacity and Mitochondrial Function in the Skeletal Muscle Through Ampk-Pgc1 $\alpha$ Signaling. <i>Circulation</i> , 2014, 130, .	1.6	1
39	Difference In Metabolic Stress During Resistance Exercise With Blood Flow Restriction Between Sprinters And Endurance Runners. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 41.	0.4	0
40	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.	0.4	0
41	The Effect on Intramuscular Metabolic Stress During Low-Intensity Resistance Exercise With Blood Flow Restriction in Patients With Heart Failure. <i>Journal of Cardiac Failure</i> , 2010, 16, S162.	1.7	0
42	Direct Renin Inhibitor (Aliskiren) Improves Insulin Resistance and Impaired Insulin Signal in Post-Infarct Heart Failure. <i>Journal of Cardiac Failure</i> , 2011, 17, S152.	1.7	0
43	The Activation of Natural Killer T Cells Ameliorates Myocardial Ischemia Reperfusion Injury in Mice. <i>Journal of Cardiac Failure</i> , 2011, 17, S153.	1.7	0
44	The Disruption of Natural Killer T cell Exacerbates Cardiac Hypertrophy and Heart Failure Due to Pressure Overload in Mice. <i>Journal of Cardiac Failure</i> , 2011, 17, S171.	1.7	0
45	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.	1.7	0
46	Decreased Serum BDNF Levels are Correlated with Lower Exercise capacity in Patients with Heart Failure. <i>Journal of Cardiac Failure</i> , 2013, 19, S167.	1.7	0
47	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.	1.7	0
48	Angiotensin II Could Directly Induced Mitochondrial Dysfunction and Atrophy in the Skeletal Muscle. <i>Journal of Cardiac Failure</i> , 2014, 20, S148.	1.7	0
49	The Transition from Compensated Cardiac Hypertrophy to Failure Created by Transverse Aortic Constriction in Mice. <i>Journal of Cardiac Failure</i> , 2014, 20, S204.	1.7	0
50	NAD(P)H Oxidase 4 Activation via Angiotensin II induces Protein Degradation in Skeletal Myocytes. <i>Journal of Cardiac Failure</i> , 2016, 22, S199.	1.7	0
51	Possibility of Evaluation for Peripheral Vasodilation during Reactive Hyperemia by Near-Infrared Spectroscopy. <i>The Journal of Japanese College of Angiology</i> , 2012, 52, 185-189.	0.0	0
52	Effects of Aerobic Capacity on Intramuscular Metabolism and Oxygen Kinetics during Resistance Exercise with Blood Flow Restriction. <i>The Journal of Japanese College of Angiology</i> , 2012, 52, 217-222.	0.0	0
53	Abstract 15010: Disruption of Outer Mitochondrial Membrane Protein, MitoNEET, Increases Mitochondrial Iron Content in the Heart. <i>Circulation</i> , 2014, 130, .	1.6	0
54	Abstract 12306: Changes of Metabolomic Profiling Are Associated With Reduced Exercise Capacity in Patients With Heart Failure. <i>Circulation</i> , 2014, 130, .	1.6	0

#	ARTICLE	IF	CITATIONS
55	Abstract 16555: Angiotensin II Directly Induces Mitochondrial Dysfunction and Atrophy in the Skeletal Muscle. <i>Circulation</i> , 2014, 130, .	1.6	0
56	Relationship Between the Kihon Checklist as an Index of Frailty and Plasma Fatty Acid Levels in Elderly Patients Undergoing Cardiac Rehabilitation. <i>Juntendo Medical Journal</i> , 2018, 64, 53-56.	0.1	0
57	Omega-6 Polyunsaturated Fatty Acid Levels and Delirium in Patients With Acute Cardiovascular Disease. <i>European Cardiology Review</i> , 2018, 13, 133.	2.2	0