Takashi Yamada

List of Publications by Year
in descending order

104	2,043	236612	264894
papers	citations	25 h-index	42 g-index

109	109	109	2501
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preconditioning contractions prevent Ca2+-dependent proteolysis of STAC3 and prolonged force depression after eccentric contractions. Journal of General Physiology, 2022, 154, .	0.9	0
2	Isometric training improves fatigue resistance in dystrophin-deficient muscle. Journal of General Physiology, 2022, 154, .	0.9	0
3	Intrinsic contractile dysfunction in a surgical model of muscle hypertrophy. Journal of General Physiology, 2022, 154, .	0.9	0
4	Improved skeletal muscle fatigue resistance in experimental autoimmune myositis mice following high-intensity interval training. Arthritis Research and Therapy, 2022, 24, .	1.6	9
5	Eccentric Resistance Training Ameliorates Muscle Weakness in a Mouse Model of Idiopathic Inflammatory Myopathies. Arthritis and Rheumatology, 2021, 73, 848-857.	2.9	7
6	Mechanisms of decline in muscle quality in sarcopenia. , 2021, , 295-322.		1
7	Myofiber androgen receptor increases muscle strength mediated by a skeletal muscle splicing variant of Mylk4. IScience, 2021, 24, 102303.	1.9	24
8	Longâ€term wheelâ€running prevents reduction of grip strength in type 2 diabetic rats. Physiological Reports, 2021, 9, e15046.	0.7	0
9	Preconditioning contractions prevent prolonged force depression and Ca²⁺-dependent proteolysis of STAC3 after damaging eccentric contractions. Journal of Applied Physiology, 2021, 131, 1399-1407.	1.2	5
10	Larger improvements in fatigue resistance and mitochondrial function with highâ€than with lowâ€intensity contractions during interval training of mouse skeletal muscle. FASEB Journal, 2021, 35, e21988.	0.2	5
11	Cancer Cachexia Induces Preferential Skeletal Muscle Myosin Loss When Combined With Denervation. Frontiers in Physiology, 2020, 11, 445.	1.3	16
12	The Diagnostic Accuracy of an Intraoperative Frozen Section Analysis and Imprint Cytology of Sentinel Node Biopsy Specimens from Patients with Uterine Cervical and Endometrial Cancer: a Retrospective Observational Study. Pathology and Oncology Research, 2020, 26, 2273-2279.	0.9	4
13	BGPâ€15: A potential therapeutic agent for critical illness myopathy. Acta Physiologica, 2020, 229, e13441.	1.8	3
14	Myofibrillar function differs markedly between denervated and dexamethasone-treated rat skeletal muscles: Role of mechanical load. PLoS ONE, 2019, 14, e0223551.	1.1	6
15	A Mechanism for Statin-Induced Susceptibility to Myopathy. JACC Basic To Translational Science, 2019, 4, 509-523.	1.9	31
16	Eccentric training enhances the Î±B-crystallin binding to the myofibrils and prevents skeletal muscle weakness in adjuvant-induced arthritis rat. Journal of Applied Physiology, 2019, 127, 71-80.	1.2	6
17	Ingestion of soy protein isolate attenuates eccentric contraction-induced force depression and muscle proteolysis via inhibition of calpain-1 activation in rat fast-twitch skeletal muscle. Nutrition, 2019, 58, 23-29.	1.1	9
18	Neuromuscular electrical stimulation increases serum brain-derived neurotrophic factor in humans. Experimental Brain Research, 2019, 237, 47-56.	0.7	19

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19	Oxidative hotspots on actin promote skeletal muscle weakness in rheumatoid arthritis. JCI Insight, 2019, 4, .	2.3	23
20	Which is better for predicting pelvic lymph node metastases in patients with cervical cancer. Medicine (United States), 2018, 97, e0410.	0.4	11
21	<scp>l</scp> -arginine ingestion inhibits eccentric contraction-induced proteolysis and force deficit via S -nitrosylation of calpain. Physiological Reports, 2018, 6, e13582.	0.7	19
22	Effects of contraction mode and stimulation frequency on electrical stimulation-induced skeletal muscle hypertrophy. Journal of Applied Physiology, 2018, 124, 341-348.	1.2	27
23	The detection of sentinel lymph nodes in laparoscopic surgery can eliminate systemic lymphadenectomy for patients with early stage endometrial cancer. International Journal of Clinical Oncology, 2018, 23, 305-313.	1.0	22
24	The diagnostic accuracy of fluorodeoxyglucose-positron emission tomography/computed tomography and sentinel node biopsy in the prediction of pelvic lymph node metastasis in patients with endometrial cancer. Medicine (United States), 2018, 97, e12522.	0.4	14
25	Preconditioning Contractions Suppress Muscle Pain Markers after Damaging Eccentric Contractions. Pain Research and Management, 2018, 2018, 1-8.	0.7	4
26	mRNA Expressionin the Rat Spinal Cord Including Motoneurons Innervating Damaged Muscle. Medicine and Science in Sports and Exercise, 2018, 50, 200.	0.2	0
27	Preconditioning contractions prevent the delayed onset of myofibrillar dysfunction after damaging eccentric contractions. Journal of Physiology, 2018, 596, 4427-4442.	1.3	17
28	High-intensity eccentric training ameliorates muscle wasting in colon 26 tumor-bearing mice. PLoS ONE, 2018, 13, e0199050.	1.1	15
29	Electrical Stimulation Prevents Preferential Skeletal Muscle Myosin Loss in Steroid-Denervation Rats. Frontiers in Physiology, 2018, 9, 1111.	1.3	8
30	Role of calpain in eccentric contraction-induced proteolysis of Ca²⁺-regulatory proteins and force depression in rat fast-twitch skeletal muscle. Journal of Applied Physiology, 2017, 122, 396-405.	1.2	27
31	Muscle Weakness in Rheumatoid Arthritis: The Role of Ca 2+ and Free Radical Signaling. EBioMedicine, 2017, 23, 12-19.	2.7	30
32	Intraperitoneal cytology after laparoscopic hysterectomy in patients with endometrial cancer. Medicine (United States), 2017, 96, e7502.	0.4	3
33	The detection of sentinel lymph nodes in laparoscopic surgery for uterine cervical cancer using 99m-technetium-tin colloid, indocyanine green, and blue dye. Journal of Gynecologic Oncology, 2017, 28, e13.	1.0	28
34	Superoxide dismutase/catalase mimetic EUK-134 prevents diaphragm muscle weakness in monocrotalin-induced pulmonary hypertension. PLoS ONE, 2017, 12, e0169146.	1.1	24
35	Neuromuscular electrical stimulation prevents skeletal muscle dysfunction in adjuvant-induced arthritis rat. PLoS ONE, 2017, 12, e0179925.	1.1	6
36	The Role of Reactive Oxygen Species in Î²-Adrenergic Signaling in Cardiomyocytes from Mice with the Metabolic Syndrome. PLoS ONE, 2016, 11, e0167090.	1.1	16

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37	Reactive oxygen/nitrogen species and contractile function in skeletal muscle during fatigue and recovery. Journal of Physiology, 2016, 594, 5149-5160.	1.3	98
38	Alterations of local spontaneous brain activity and connectivity in adults with high-functioning autism spectrum disorder. Molecular Autism, 2015, 6, 30.	2.6	78
39	Muscle dysfunction associated with adjuvant-induced arthritis is prevented by antioxidant treatment. Skeletal Muscle, 2015, 5, 20.	1.9	27
40	Nitrosative modifications of the Ca²⁺release complex and actin underlie arthritis-induced muscle weakness. Annals of the Rheumatic Diseases, 2015, 74, 1907-1914.	0.5	40
41	Response of Heat Shock Protein 72 to Repeated Bouts of Hyperthermia in Rat Skeletal Muscle. Physiological Research, 2015, 64, 935-938.	0.4	2
42	Cardiac Ca2+ and Free Radical Disturbances in Mice with Arthritis. Biophysical Journal, 2013, 104, 105a-106a.	0.2	1
43	Crosstalk between nitrosative stress and altered Ca2⁺handling in arthritis-induced skeletal muscle dysfunction. Annals of the Rheumatic Diseases, 2012, 71, A43.3-A44.	0.5	0
44	Impaired mitochondrial respiration and decreased fatigue resistance followed by severe muscle weakness in skeletal muscle of mitochondrial DNA mutator mice. Journal of Physiology, 2012, 590, 6187-6197.	1.3	30
45	Characteristics and mechanisms of low-frequency muscle fatigue: alterations in skeletal muscle. Japanese Journal of Physical Fitness and Sports Medicine, 2012, 61, 297-306.	0.0	1
46	Mitochondrial production of reactive oxygen species contributes to the Î²â€adrenergic stimulation of mouse cardiomycytes. Journal of Physiology, 2011, 589, 1791-1801.	1.3	117
47	Muscle fatigue: from observations in humans to underlying mechanisms studied in intact single muscle fibres. European Journal of Applied Physiology, 2010, 110, 1-15.	1.2	133
48	Increased fatigue resistance linked to Ca²⁺-stimulated mitochondrial biogenesis in muscle fibres of cold-acclimated mice. Journal of Physiology, 2010, 588, 4275-4288.	1.3	71
49	Effects of HMGB1 on in vitro responses of isolated muscle fibers and functional aspects in skeletal muscles of idiopathic inflammatory myopathies. FASEB Journal, 2010, 24, 570-578.	0.2	74
50	Î²-Hydroxybutyrate inhibits insulin-mediated glucose transport in mouse oxidative muscle. American Journal of Physiology - Endocrinology and Metabolism, 2010, 299, E364-E373.	1.8	38
51	Skeletal Muscle Fibers of Cold-Acclimated Mice Display Increases in Basal Calcium, Mitochondrial Content and Fatigue Resistance. Biophysical Journal, 2010, 98, 712a.	0.2	0
52	Mechanisms of Skeletal Muscle Weakness. Advances in Experimental Medicine and Biology, 2010, 682, 279-296.	0.8	15
53	Impaired myofibrillar function in the soleus muscle of mice with collagenâ€induced arthritis. Arthritis and Rheumatism, 2009, 60, 3280-3289.	6.7	45
54	High temperature does not alter fatigability in intact mouse skeletal muscle fibres. Journal of Physiology, 2009, 587, 4717-4724.	1.3	32

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55	No relationship between enzyme activity and structure of nucleotide binding site in sarcoplasmic reticulum Ca²⁺â€ATPase from shortâ€term stimulated rat muscle. Acta Physiologica, 2009, 196, 401-409.	1.8	3
56	Time course of changes in in vitro sarcoplasmic reticulum Ca2+-handling and Na+-K+-ATPase activity during repetitive contractions. Pflugers Archiv European Journal of Physiology, 2008, 456, 601-609.	1.3	16
57	Alterations in in vitro function and protein oxidation of rat sarcoplasmic reticulum Ca²⁺â€ATPase during recovery from highâ€intensity exercise. Experimental Physiology, 2008, 93, 426-433.	0.9	17
58	Reactive oxygen species and fatigueâ€induced prolonged lowâ€frequency force depression in skeletal muscle fibres of rats, mice and SOD2 overexpressing mice. Journal of Physiology, 2008, 586, 175-184.	1.3	116
59	Interpolated twitches in fatiguing single mouse muscle fibres: implications for the assessment of central fatigue. Journal of Physiology, 2008, 586, 2799-2805.	1.3	26
60	Chicken Breast Attenuates High-Intensity-Exercise-Induced Decrease in Rat Sarcoplasmic Reticulum Ca2+ Handling. International Journal of Sport Nutrition and Exercise Metabolism, 2008, 18, 399-411.	1.0	7
61	EFFECT OF HIGH-INTENSITY TRAINING AND ACUTE EXERCISE ON Ca2+-SEQUESTERING FUNCTION OF SARCOPLASMIC RETICULUM : ROLE OF OXIDATIVE MODIFICATION. Japanese Journal of Physical Fitness and Sports Medicine, 2008, 57, 327-338.	0.0	0
62	The Twitch Interpolation Technique May Overestimate Central Fatigue. Medicine and Science in Sports and Exercise, 2008, 40, S191.	0.2	0
63	Myofibrillar protein oxidation and contractile dysfunction in hyperthyroid rat diaphragm. Journal of Applied Physiology, 2007, 102, 1850-1855.	1.2	20
64	Effects of high-intensity training and acute exercise on in vitro function of rat sarcoplasmic reticulum. European Journal of Applied Physiology, 2007, 99, 641-649.	1.2	18
65	RELATIONSHIP BETWEEN OXIDATION OF MYOFIBRILLAR PROTEINS AND CONTRACTILE PROPERTIES IN SOLEUS MUSCLES FROM HYPERTHYROID RAT. Japanese Journal of Physical Fitness and Sports Medicine, 2007, 56, 473-480.	0.0	0
66	Dietary Carnosine And Anserine Inhibits High-intensity Exercise-induced Decrease In Rat Sarcoplasmic Reticulum Ca2+ -handling. Medicine and Science in Sports and Exercise, 2007, 39, S365.	0.2	0
67	The role of lactic acid in muscle contraction. Taiikugaku Kenkyu (Japan Journal of Physical Education) Tj ETQq1 1 0.784314 rgBT /Over	0.0	4
68	Oxidation of myosin heavy chain and reduction in force production in hyperthyroid rat soleus. Journal of Applied Physiology, 2006, 100, 1520-1526.	1.2	54
69	Carminerin contributes to chondrocyte calcification during endochondral ossification. Nature Medicine, 2006, 12, 665-670.	15.2	55
70	Effects of reduced glycogen on structure and in vitro function of rat sarcoplasmic reticulum Ca2+-ATPase. Pflugers Archiv European Journal of Physiology, 2006, 452, 117-123.	1.3	8
71	CHANGES IN SARCOPLASMIC RETICULUM Ca2+-SEQUESTERING CAPACITY DURING RECOVERY FOLLOWING HIGH-INTENSITY EXERCISE. Japanese Journal of Physical Fitness and Sports Medicine, 2006, 55, 503-512.	0.0	0
72	N-acetylcysteine fails to modulate the in vitro function of sarcoplasmic reticulum of diaphragm in the final phase of fatigue. Acta Physiologica Scandinavica, 2005, 184, 195-202.	2.3	17

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73	Changes In Sarcoplasmic Reticulum Ca2+-atpase During Recovery Following High-intensity Exercise. Medicine and Science in Sports and Exercise, 2005, 37, S242.	0.2	0
74	Changes In Sarcoplasmic Reticulum Ca2+-atpase During Recovery Following High-intensity Exercise. Medicine and Science in Sports and Exercise, 2005, 37, S242.	0.2	0
75	SRC-1 Is Necessary for Skeletal Responses to Sex Hormones in Both Males and Females. Journal of Bone and Mineral Research, 2004, 19, 1452-1461.	3.1	22
76	EFFECTS OF THYROID HORMONE ON SARCOPLASMIC RETICULUM Ca²⁺ UPTAKE AND CONTRACTILE PROPERTIES IN RAT SOLEUS MUSCLE. Japanese Journal of Physical Fitness and Sports Medicine, 2004, 53, 509-517.	0.0	4
77	Oxidation of sarcoplasmic reticulum Ca2+-ATPase induced by high-intensity exercise. Pflugers Archiv European Journal of Physiology, 2003, 446, 394-399.	1.3	43
78	Endurance training-induced changes in alkali light chain patterns in type IIB fibers of the rat. Journal of Applied Physiology, 2003, 94, 923-929.	1.2	19
79	Ten-Year Follow-up of Japanese Overweight Subjects with Impaired Glucose Tolerance: Identification of a Diabetes-Prone Subpopulation.. Internal Medicine, 1992, 31, 877-884.	0.3	6
80	A Case of Sarcoidosis Associated with Bronchial Asthma.. Japanese Journal of Medicine, 1991, 30, 351-353.	0.1	1
81	Ageâ€Related Changes of Thyroid Function and Immunologic Abnormalities in Patients with Hyperthyroidism Due to Graves' Disease. Journal of the American Geriatrics Society, 1989, 37, 944-948.	1.3	30
82	Epidermal growth factor (EGF), tumor promoter 12-O-tetradecanoylphorbol 13-acetate (TPA) and calcium ionophore A23187 increase cytoplasmic free calcium and stimulate arachidonic acid release and PGE2/6-keto PGF1Î± production in cultured porcine thyroid cel. FEBS Letters, 1987, 225, 43-47.	1.3	15
83	The development of an automated cell electrophoresis analyzer. Electrophoresis, 1986, 7, 191-194.	1.3	3
84	Prevention of adrenaline-induced pulmonary edema in rabbits with sodium nitroprusside.. Japanese Journal of Clinical Pharmacology and Therapeutics, 1985, 16, 659-668.	0.1	2
85	ACUTE EFFECTS OF COLD ON BLOOD PRESSURE, RENIN-ANGIOTENSINALDOSTERONE SYSTEM, CATECHOLAMINES AND ADRENAL STEROIDS IN MAN. Clinical and Experimental Pharmacology and Physiology, 1984, 11, 171-179.	0.9	66
86	A case of gastric plasmacytoma associated with Hashimoto's disease, primary biliary cirrhosis and SjÃ¶gren's syndrome. Japanese Journal of Clinical Immunology, 1984, 7, 118-124.	0.0	1
87	A CASE OF THE PARATHYROID TUMOR IN THYMUS FALSELY DIAGNOSED AS DIABETES INSIPIDUS. The Journal of the Japanese Society of Internal Medicine, 1983, 72, 624-628.	0.0	0
88	Changes in Endocrine Activities Relative to Obesity in Patients with Essential Hypertension*. Journal of the American Geriatrics Society, 1981, 29, 25-30.	1.3	51
89	EFFECTS OF THYROID HORMONES, ANTITHYROID DRUGS AND IODIDE ON IN VITRO CONVERSION OF THYROXINE TO TRIIODOTHYRONINE. Clinical and Experimental Pharmacology and Physiology, 1981, 8, 215-225.	0.9	5
90	Proteinuria and Renal Function During Antihypertensive Treatment for Essential Hypertension. Journal of the American Geriatrics Society, 1980, 28, 114-117.	1.3	20

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91	Thyroid Hormone Metabolism in Patients with Liver Cirrhosis, as Judged by Urinary Excretion of Triiodothyronine. Journal of the American Geriatrics Society, 1980, 28, 485-491.	1.3	4
92	Hyperthyroidism in the Elderly. Journal of the American Geriatrics Society, 1979, 27, 152-155.	1.3	33
93	Effects of Antihypertensive Treatment on Left Ventricular Hypertrophy in Patients with Essential Hypertension. Journal of the American Geriatrics Society, 1979, 27, 500-506.	1.3	3
94	Changes in Hormonal Activities Relative to the Severity of Essential Hypertension. Journal of the American Geriatrics Society, 1979, 27, 193-197.	1.3	6
95	A Device for Expressing the Serum Insulinâ€Glucose Relationship in Diabetes, Hyperâ€•or Hypothyroidism, and Chronic Hepatitis. Journal of the American Geriatrics Society, 1977, 25, 157-161.	1.3	1
96	Effect of Normalization of Hypometabolic State on Blood Pressure in Spontaneously Hypertensive Rats and in Patients with Essential Hypertension*. Journal of the American Geriatrics Society, 1976, 24, 454-457.	1.3	5
97	Pituitary Unresponsiveness to Thyrotropin-Releasing Hormone in Thyrotoxic Patients During Chronic Anti-thyroid Drug Therapy and in Rats Previously Treated with Excess Thyroid Hormone1. Journal of Clinical Endocrinology and Metabolism, 1975, 40, 942-948.	1.8	43
98	Inhibitory Action of Thyroid Hormone on the Activation of Adenyl Cyclase-Cyclic AMP System by Thyroid-Stimulating Hormone in Human Thyroid Tissues from Euthyroid Subjects and Thyrotoxic Patients. Journal of Clinical Endocrinology and Metabolism, 1974, 39, 772-778.	1.8	43
99	Paradoxical Effect of Excess Iodide on Thyroidal Release of Organic Iodine in Thyroxineâ€”Treated Animals. Endocrinology, 1973, 92, 946-948.	1.4	3
100	Effect of Repeated Administration of Excess Iodide on Thyroid Hormone Secretion in Rats, with Special Reference to the Escape from the Iodide Effect. Endocrinology, 1973, 93, 343-347.	1.4	6
101	Insulin Sensibility in the Pregnancy. Nippon Naibunpi Gakkai Zasshi, 1960, 35, 1116-1122,1069.	0.0	0
102	HYPERACTIVITY OF HYPOTHALAMIC NEUROSECRETION AND COINCIDENTAL OCCURRENCE OF THYROID ENLARGEMENT FOLLOWING ADMINISTRATION OF METHYLTHIOURACIL. Endocrinologia Japonica, 1957, 4, 110-119.	0.5	4
103	INDEPENDENCE OF THE GOITER DEVELOPMENT TO THE CONCENTRATION OF CIRCULATING PROTEIN BOUND IODINE. Endocrinologia Japonica, 1957, 4, 120-127.	0.5	1
104	POST-NATAL DEVELOPMENT OF THE HYPOTHALAMIC NEUROSECRETION IN THE DOG. Endocrinologia Japonica, 1956, 3, 264-271.	0.5	1