Takako Kizaki

List of Publications by Year
in descending order

54 papers	1,693 citations	304743 22 h-index	289244 40 g-index
56 all docs	56 docs citations	56 times ranked	2678 citing authors

#	Article	IF	Citations
1	Comparative evaluation of methods to determine intraâ€individual reference ranges in nutrition support team (NST)â€related tests. Journal of Clinical Laboratory Analysis, 2021, 35, e23639.	2.1	1
2	SARS-CoV-2 spike protein S1 subunit induces pro-inflammatory responses via toll-like receptor 4 signaling in murine and human macrophages. Heliyon, 2021, 7, e06187.	3.2	172
3	Physical Activity Attenuates the Obesity-Induced Dysregulated Expression of Brown Adipokines in Murine Interscapular Brown Adipose Tissue. International Journal of Molecular Sciences, 2021, 22, 10391.	4.1	2
4	Standardized Extract of Asparagus officinalis Stem Attenuates SARS-CoV-2 Spike Protein-Induced IL-6 and IL-1Î² Production by Suppressing p44/42 MAPK and Akt Phosphorylation in Murine Primary Macrophages. Molecules, 2021, 26, 6189.	3.8	14
5	Exercise Training-Enhanced Lipolytic Potency to Catecholamine Depends on the Time of the Day. International Journal of Molecular Sciences, 2020, 21, 6920.	4.1	7
6	Anti-Inflammatory Effect of ETASÂ®50 by Inhibiting Nuclear Factor-ÎºB p65 Nuclear Import in Ultraviolet-B-Irradiated Normal Human Dermal Fibroblasts. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-8.	1.2	13
7	A standardized extract of Asparagus officinalis stem prevents reduction in heat shock protein 70 expression in ultraviolet-B-irradiated normal human dermal fibroblasts: an in vitro study. Environmental Health and Preventive Medicine, 2018, 23, 40.	3.4	6
8	ETASÂ®50 Attenuates Ultraviolet-B-Induced Interleukin-6 Expression by Suppressing Akt Phosphorylation in Normal Human Dermal Fibroblasts. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-8.	1.2	4
9	Screening for seemingly healthy newborns with congenital cytomegalovirus infection by quantitative real-time polymerase chain reaction using newborn urine: an observational study. BMJ Open, 2017, 7, e013810.	1.9	42
10	NEU1 sialidase controls gene expression and secretion of IL-6 and MCP-1through NF-Îº B pathway in 3T3-L1 adipocytes. Journal of Biochemistry, 2017, 162, mvx006.	1.7	12
11	Exercise Training Attenuates the Dysregulated Expression of Adipokines and Oxidative Stress in White Adipose Tissue. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-12.	4.0	52
12	Regular Voluntary Exercise Potentiates Interleukin-1Î²and Interleukin-18 Secretion by Increasing Caspase-1 Expression in Murine Macrophages. Mediators of Inflammation, 2017, 2017, 1-11.	3.0	18
13	Enzyme-Treated Asparagus Extract Attenuates Hydrogen Peroxide-Induced Matrix Metalloproteinase-9 Expression in Murine Skin Fibroblast L929 Cells. Natural Product Communications, 2016, 11, 677-80.	0.5	14
14	Melatonin promotes adipogenesis and mitochondrial biogenesis in 3T3â€Ł1 preadipocytes. Journal of Pineal Research, 2015, 59, 267-275.	7.4	55
15	The Molecular Mechanism Underlying Continuous Exercise Training-Induced Adaptive Changes of Lipolysis in White Adipose Cells. Journal of Obesity, 2015, 2015, 1-10.	2.7	25
16	Effect of Circadian Rhythm on Clinical and Pathophysiological Conditions and Inflammation. Critical Reviews in Immunology, 2015, 35, 261-275.	0.5	20
17	Habitual exercise training acts as a physiological stimulator for constant activation of lipolytic enzymes in rat primary white adipocytes. Biochemical and Biophysical Research Communications, 2015, 464, 348-353.	2.1	6
18	Direct and Indirect Suppression of Interleukin-6 Gene Expression in Murine Macrophages by Nuclear Orphan Receptor REV-ERBÎ±. Scientific World Journal, The, 2014, 2014, 1-10.	2.1	45

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19	Enzyme-treated Asparagus officinalis Extract Shows Neuroprotective Effects and Attenuates Cognitive Impairment in Senescence-accelerated Mice. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	13
20	ETAS, an Enzyme-treated Asparagus Extract, Attenuates Amyloid Î²-Induced Cellular Disorder in PC 12 Cells. Natural Product Communications, 2014, 9, 1934578X1400900.	0.5	9
21	Enzyme-treated Asparagus officinalis extract shows neuroprotective effects and attenuates cognitive impairment in senescence-accelerated mice. Natural Product Communications, 2014, 9, 101-6.	0.5	15
22	ETAS, an enzyme-treated asparagus extract, attenuates amyloid beta-induced cellular disorder in PC12 cells. Natural Product Communications, 2014, 9, 561-4.	0.5	10
23	The Effects of Exercise Training on Obesity-Induced Dysregulated Expression of Adipokines in White Adipose Tissue. International Journal of Endocrinology, 2013, 2013, 1-28.	1.5	63
24	Exercise and oxidative stress in hypoxia. The Journal of Physical Fitness and Sports Medicine, 2013, 2, 481-486.	0.3	1
25	Preventive and improvement effects of exercise training and supplement intake in white adipose tissues on obesity and lifestyle-related diseases. Environmental Health and Preventive Medicine, 2012, 17, 348-356.	3.4	7
26	Higher Levels of ATGL Are Associated with Exercise-Induced Enhancement of Lipolysis in Rat Epididymal Adipocytes. PLoS ONE, 2012, 7, e40876.	2.5	28
27	Effect of physical exercise on lipolysis in white adipocytes. The Journal of Physical Fitness and Sports Medicine, 2012, 1, 351-356.	0.3	3
28	Oligonol-induced Degradation of Perilipin 1 is Regulated through Lysosomal Degradation Machinery. Natural Product Communications, 2012, 7, 1934578X1200700.	0.5	2
29	Effects of Î²2-agonists and exercise on Î²2-adrenergic receptor signaling in skeletal muscles. The Journal of Physical Fitness and Sports Medicine, 2012, 1, 139-144.	0.3	6
30	Recent advances in the adaptations of adipose tissue to physical activity: Morphology and adipose tissue cellularity. The Journal of Physical Fitness and Sports Medicine, 2012, 1, 381-387.	0.3	2
31	Effect of exercise on HIF-1 and VEGF signaling. The Journal of Physical Fitness and Sports Medicine, 2012, 1, 5-16.	0.3	29
32	The effects of exercise on macrophage function. The Journal of Physical Fitness and Sports Medicine, 2012, 1, 113-123.	0.3	4
33	Exercise training and the promotion of neurogenesis and neurite outgrowth in the hippocampus. The Journal of Physical Fitness and Sports Medicine, 2012, 1, 333-337.	0.3	0
34	Voluntary exercise attenuates obesity-associated inflammation through ghrelin expressed in macrophages. Biochemical and Biophysical Research Communications, 2011, 413, 454-459.	2.1	39
35	Effects of exercise training on adipogenesis of stromal-vascular fraction cells in rat epididymal white adipose tissue. Acta Physiologica, 2010, 200, no-no.	3.8	19
36	Oligomerized grape seed polyphenols attenuate inflammatory changes due to antioxidative properties in coculture of adipocytes and macrophages. Journal of Nutritional Biochemistry, 2010, 21, 47-54.	4.2	49

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37	Effect of exercise training on adipocyte-size-dependent expression of leptin and adiponectin. Life Sciences, 2010, 86, 691-698.	4.3	42
38	Hypoxia-inducible factor-1Î± suppresses the expression of macrophage scavenger receptor 1. Pflugers Archiv European Journal of Physiology, 2009, 459, 93-103.	2.8	36
39	Exercise training decreases expression of inflammation-related adipokines through reduction of oxidative stress in rat white adipose tissue. Biochemical and Biophysical Research Communications, 2009, 379, 605-609.	2.1	59
40	Î²2-Adrenergic receptor regulate Toll-like receptor 4-induced late-phase NF-ÎºB activation. Molecular Immunology, 2009, 46, 1195-1203.	2.2	35
41	Î²₂â€Adrenergic receptor regulates Tollâ€like receptorâ€4â€induced nuclear factorâ€ÎºB activation through Î²â€arrestin 2. Immunology, 2008, 124, 348-356.	4.4	54
42	Adaptation of macrophages to exercise training improves innate immunity. Biochemical and Biophysical Research Communications, 2008, 372, 152-156.	2.1	50
43	Antioxidative Effects of a New Lychee Fruit-Derived Polyphenol Mixture, Oligonol, Converted into a Low-Molecular Form in Adipocytes. Bioscience, Biotechnology and Biochemistry, 2008, 72, 463-476.	1.3	70
44	Î²â€Adrenergic receptor trafficking by exercise in rat adipocytes: roles of Gâ€proteinâ€coupled receptor kinaseâ€2, Î²â€arrestinâ€2, and the ubiquitinâ€proteasome pathway. FASEB Journal, 2006, 20, 350-352.	0.5	16
45	Exercise Training Enhances Tumor Necrosis Factor-α–Induced Expressions of Anti-Apoptotic Genes without Alterations in Caspase-3 Activity in Rat Epididymal Adipocytes. The Japanese Journal of Physiology, 2005, 55, 181-9.	0.9	15
46	The experimental system to analyze mRNA expression profiles between slow and fast muscle fibers. Japanese Journal of Physical Fitness and Sports Medicine, 2005, 54, 73-73.	0.0	0
47	We have two strategies to attain healthy aging. Geriatrics and Gerontology International, 2004, 4, S311-S312.	1.5	0
48	Down-regulation of Î²2-adrenergic receptor expression by exercise training increases IL-12 production by macrophages following LPS stimulation. Biochemical and Biophysical Research Communications, 2004, 322, 979-984.	2.1	31
49	Acute exercise alters GÎ±i2 protein expressions through the ubiquitinâ€“proteasome proteolysis pathway in rat adipocytes. Biochemical and Biophysical Research Communications, 2004, 323, 1109-1115.	2.1	9
50	Uncoupling protein 2 plays an important role in nitric oxide production of lipopolysaccharide-stimulated macrophages. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9392-9397.	7.1	127
51	Possible mechanisms by which adipocyte lipolysis is enhanced in exercise-trained rats. Biochemical and Biophysical Research Communications, 2002, 295, 236-242.	2.1	26
52	Stress- and aging-associated modulation of macrophage functions. Environmental Health and Preventive Medicine, 2002, 6, 218-228.	3.4	2
53	Strenuous endurance training in humans reduces oxidative stress following exhausting exercise. European Journal of Applied Physiology, 2001, 84, 1-6.	2.5	312
54	PHYSICAL EXERCISE AND FREE RADICALS. Japanese Journal of Physical Fitness and Sports Medicine, 2001, 50, 389-415.	0.0	2