

Parco M Siu

List of Publications by Year in descending order

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103
papers

11,414
citations

117625

34
h-index

36028

97
g-index

103
all docs

103
docs citations

103
times ranked

23677
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	9.1	3,122
3	Role of free fatty acids in endothelial dysfunction. Journal of Biomedical Science, 2017, 24, 50.	7.0	258
4	Apoptotic adaptations from exercise training in skeletal and cardiac muscles. FASEB Journal, 2004, 18, 1150-1152.	0.5	207
5	Mitochondria-associated apoptotic signalling in denervated rat skeletal muscle. Journal of Physiology, 2005, 565, 309-323.	2.9	184
6	Apoptotic responses to hindlimb suspension in gastrocnemius muscles from young adult and aged rats. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 289, R1015-R1026.	1.8	141
7	Aging influences cellular and molecular responses of apoptosis to skeletal muscle unloading. American Journal of Physiology - Cell Physiology, 2005, 288, C338-C349.	4.6	121
8	Nuclear Apoptosis Contributes to Sarcopenia. Exercise and Sport Sciences Reviews, 2008, 36, 51-57.	3.0	114
9	Citrate synthase expression and enzyme activity after endurance training in cardiac and skeletal muscles. Journal of Applied Physiology, 2003, 94, 555-560.	2.5	113
10	Modulation of SIRT1-Foxo1 Signaling axis by Resveratrol: Implications in Skeletal Muscle Aging and Insulin Resistance. Cellular Physiology and Biochemistry, 2015, 35, 541-552.	1.6	105
11	Apoptotic signaling induced by H ₂ O ₂ -mediated oxidative stress in differentiated C2C12 myotubes. Life Sciences, 2009, 84, 468-481.	4.3	103
12	Age-dependent increase in oxidative stress in gastrocnemius muscle with unloading. Journal of Applied Physiology, 2008, 105, 1695-1705.	2.5	86
13	Resveratrol protects against doxorubicin-induced cardiotoxicity in aged hearts through the SIRT1-FOXO1 axis. Journal of Physiology, 2015, 593, 1887-1899.	2.9	78
14	Modulating effect of SIRT1 activation induced by resveratrol on Foxo1-associated apoptotic signalling in senescent heart. Journal of Physiology, 2014, 592, 2535-2548.	2.9	72
15	Interleukin-15 responses to aging and unloading-induced skeletal muscle atrophy. American Journal of Physiology - Cell Physiology, 2007, 292, C1298-C1304.	4.6	67
16	Id2 and p53 participate in apoptosis during unloading-induced muscle atrophy. American Journal of Physiology - Cell Physiology, 2005, 288, C1058-C1073.	4.6	59
17	Molecular Regulation of Apoptosis in Fast Plantaris Muscles of Aged Rats. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2006, 61, 245-255.	3.6	58
18	Effects of 1-year yoga on cardiovascular risk factors in middle-aged and older adults with metabolic syndrome: a randomized trial. Diabetology and Metabolic Syndrome, 2015, 7, 40.	2.7	52

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19	Diabetic nephropathy and endothelial dysfunction: Current and future therapies, and emerging of vascular imaging for preclinical renal-kinetic study. <i>Life Sciences</i> , 2016, 166, 121-130.	4.3	52
20	Response and adaptation of skeletal muscle to denervation stress: the role of apoptosis in muscle loss. <i>Frontiers in Bioscience - Landmark</i> , 2009, Volume, 432.	3.0	51
21	Myogenin and oxidative enzyme gene expression levels are elevated in rat soleus muscles after endurance training. <i>Journal of Applied Physiology</i> , 2004, 97, 277-285.	2.5	49
22	Effects of Tai Chi or Exercise on Sleep in Older Adults With Insomnia. <i>JAMA Network Open</i> , 2021, 4, e2037199.	5.9	49
23	Response of XIAP, ARC, and FLIP apoptotic suppressors to 8 wk of treadmill running in rat heart and skeletal muscle. <i>Journal of Applied Physiology</i> , 2005, 99, 204-209.	2.5	48
24	Muscle mass, structural and functional investigations of senescence-accelerated mouse P8 (SAMP8). <i>Experimental Animals</i> , 2015, 64, 425-433.	1.1	48
25	Desacyl ghrelin prevents doxorubicin-induced myocardial fibrosis and apoptosis via the GHSR-independent pathway. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E311-E323.	3.5	47
26	Muscle Apoptotic Response to Denervation, Disuse, and Aging. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 1876-1886.	0.4	46
27	Hindlimb unloading increases muscle content of cytosolic but not nuclear Id2 and p53 proteins in young adult and aged rats. <i>Journal of Applied Physiology</i> , 2006, 100, 907-916.	2.5	44
28	Muscle apoptosis is induced in pressure-induced deep tissue injury. <i>Journal of Applied Physiology</i> , 2009, 107, 1266-1275.	2.5	44
29	Protective effects of desacyl ghrelin on diabetic cardiomyopathy. <i>Acta Diabetologica</i> , 2015, 52, 293-306.	2.5	43
30	Autophagic Cellular Responses to Physical Exercise in Skeletal Muscle. <i>Sports Medicine</i> , 2014, 44, 625-640.	6.5	42
31	Implications of MicroRNAs in the Treatment of Gefitinib-Resistant Non-Small Cell Lung Cancer. <i>International Journal of Molecular Sciences</i> , 2016, 17, 237.	4.1	42
32	Effect of the glycaemic index of pre-exercise carbohydrate meals on running performance. <i>European Journal of Sport Science</i> , 2008, 8, 23-33.	2.7	41
33	Effects of Tai Chi or Conventional Exercise on Central Obesity in Middle-Aged and Older Adults. <i>Annals of Internal Medicine</i> , 2021, 174, 1050-1057.	3.9	41
34	Revealing the Neural Mechanisms Underlying the Beneficial Effects of Tai Chi: A Neuroimaging Perspective. <i>The American Journal of Chinese Medicine</i> , 2018, 46, 231-259.	3.8	37
35	Mindfulness and Athlete Burnout: A Systematic Review and Meta-Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 449.	2.6	37
36	The Effect of Tai Chi Chuan on Negative Emotions in Non-Clinical Populations: A Meta-Analysis and Systematic Review. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 3033.	2.6	36

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37	The APPL1-Rab5 axis restricts NLRP3 inflammasome activation through early endosomal-dependent mitophagy in macrophages. <i>Nature Communications</i> , 2021, 12, 6637.	12.8	35
38	Response of caspase-independent apoptotic factors to high salt diet-induced heart failure. <i>Journal of Molecular and Cellular Cardiology</i> , 2007, 42, 678-686.	1.9	34
39	Effect of Preexercise Meals with Different Glycemic Indices and Loads on Metabolic Responses and Endurance Running. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2008, 18, 281-300.	2.1	32
40	Apoptosis and Id2 expression in diaphragm and soleus muscle from the emphysematous hamster. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R135-R144.	1.8	31
41	Vitamin D deficiency, oxidative stress and antioxidant status: only weak association seen in the absence of advanced age, obesity or pre-existing disease. <i>British Journal of Nutrition</i> , 2017, 118, 11-16.	2.3	31
42	Habitual exercise increases resistance of lymphocytes to oxidant-induced DNA damage by upregulating expression of antioxidant and DNA repairing enzymes. <i>Experimental Physiology</i> , 2011, 96, 889-906.	2.0	29
43	Low-Frequency HIIT Improves Body Composition and Aerobic Capacity in Overweight Men. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 56-66.	0.4	29
44	Delayed activation of caspase-independent apoptosis during heart failure in transgenic mice overexpressing caspase inhibitor CrmA. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2010, 299, H1374-H1381.	3.2	27
45	Immediate Effects of 2 Different Whole-Body Vibration Frequencies on Muscle Peak Torque and Stiffness. <i>Archives of Physical Medicine and Rehabilitation</i> , 2010, 91, 1608-1615.	0.9	26
46	Adipokines demonstrate the interacting influence of central obesity with other cardiometabolic risk factors of metabolic syndrome in Hong Kong Chinese adults. <i>PLoS ONE</i> , 2018, 13, e0201585.	2.5	26
47	Effects of high-intensity interval exercise and moderate-intensity continuous exercise on executive function of healthy young males. <i>Physiology and Behavior</i> , 2021, 239, 113505.	2.1	26
48	Effects of long-term resveratrol-induced SIRT1 activation on insulin and apoptotic signalling in aged skeletal muscle. <i>Acta Diabetologica</i> , 2015, 52, 1063-1075.	2.5	25
49	Use of the Glycemic Index: Effects on Feeding Patterns and Exercise Performance. <i>Journal of Physiological Anthropology and Applied Human Science</i> , 2004, 23, 1-6.	0.4	23
50	Aging alters the reduction of pro-apoptotic signaling in response to loading-induced hypertrophy. <i>Experimental Gerontology</i> , 2006, 41, 175-188.	2.8	22
51	Supplementary use of HbA1c as hyperglycemic criterion to detect metabolic syndrome. <i>Diabetology and Metabolic Syndrome</i> , 2014, 6, 119.	2.7	22
52	Doxorubicin Induces Inflammatory Modulation and Metabolic Dysregulation in Diabetic Skeletal Muscle. <i>Frontiers in Physiology</i> , 2016, 7, 323.	2.8	22
53	SIRT1-dependent myoprotective effects of resveratrol on muscle injury induced by compression. <i>Frontiers in Physiology</i> , 2015, 6, 293.	2.8	21
54	The Effects of Mindfulness-Based Interventions on Child and Adolescent Aggression: a Systematic Review and Meta-Analysis. <i>Mindfulness</i> , 2021, 12, 1301-1315.	2.8	21

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55	Muscle Hypertrophy Models: Applications for Research on Aging. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2005, 30, 591-624.	1.7	20
56	Oxidative stress and DNA damage signalling in skeletal muscle in pressure-induced deep tissue injury. <i>Pflugers Archiv European Journal of Physiology</i> , 2013, 465, 295-317.	2.8	20
57	Effects of single dose and regular intake of green tea (<i>Camellia sinensis</i>) on DNA damage, DNA repair, and heme oxygenase-1 expression in a randomized controlled human supplementation study. <i>Molecular Nutrition and Food Research</i> , 2014, 58, 1379-1383.	3.3	20
58	Acute Treatment of Resveratrol Alleviates Doxorubicin-Induced Myotoxicity in Aged Skeletal Muscle Through SIRT1-Dependent Mechanisms. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 730-739.	3.6	20
59	Protective effect of caspase inhibition on compression-induced muscle damage. <i>Journal of Physiology</i> , 2011, 589, 3349-3369.	2.9	19
60	MicroRNAs as regulators of cutaneous wound healing. <i>Journal of Biosciences</i> , 2014, 39, 519-524.	1.1	19
61	Age-related apoptotic responses to stretch-induced hypertrophy in quail slow-tonic skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2005, 289, C1105-C1113.	4.6	18
62	Yoga training modulates adipokines in adults with high-normal blood pressure and metabolic syndrome. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1130-1138.	2.9	18
63	Effect of Frequency of Carbohydrate Feedings on Recovery and Subsequent Endurance Run. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 315-323.	0.4	17
64	Aging Sustains the Hypertrophy-Associated Elevation of Apoptotic Suppressor X-Linked Inhibitor of Apoptosis Protein (XIAP) in Skeletal Muscle During Unloading. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005, 60, 976-983.	3.6	17
65	Unacylated ghrelin restores insulin and autophagic signaling in skeletal muscle of diabetic mice. <i>Pflugers Archiv European Journal of Physiology</i> , 2015, 467, 2555-2569.	2.8	17
66	An individualized exercise programme with and without behavioural change enhancement strategies for managing fatigue among frail older people: a quasi-experimental pilot study. <i>Clinical Rehabilitation</i> , 2017, 31, 521-531.	2.2	17
67	Effects of Maternal Voluntary Wheel Running During Pregnancy on Adult Hippocampal Neurogenesis, Temporal Order Memory, and Depression-Like Behavior in Adult Female and Male Offspring. <i>Frontiers in Neuroscience</i> , 2019, 13, 470.	2.8	17
68	Subcellular responses of p53 and Id2 in fast and slow skeletal muscle in response to stretch-induced overload. <i>Journal of Applied Physiology</i> , 2005, 99, 1897-1904.	2.5	16
69	Genoprotection and genotoxicity of green tea (<i>Camellia sinensis</i>): Are they two sides of the same redox coin?. <i>Redox Report</i> , 2013, 18, 150-154.	4.5	15
70	S100A8 and S100A9 Are Associated with Doxorubicin-Induced Cardiotoxicity in the Heart of Diabetic Mice. <i>Frontiers in Physiology</i> , 2016, 7, 334.	2.8	15
71	Novel structural co-expression analysis linking the NPM1-associated ribosomal biogenesis network to chronic myelogenous leukemia. <i>Scientific Reports</i> , 2015, 5, 10973.	3.3	14
72	Current and future molecular diagnostics in non-small-cell lung cancer. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 1061-1074.	3.1	14

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73	One Year of Yoga Training Alters Ghrelin Axis in Centrally Obese Adults With Metabolic Syndrome. <i>Frontiers in Physiology</i> , 2018, 9, 1321.	2.8	14
74	Protective Effect of Unacylated Ghrelin on Compression-Induced Skeletal Muscle Injury Mediated by SIRT1-Signaling. <i>Frontiers in Physiology</i> , 2017, 8, 962.	2.8	13
75	Cryopreservation and Storage Effects on Cell Numbers and DNA Damage in Human Lymphocytes. <i>Biopreservation and Biobanking</i> , 2011, 9, 343-347.	1.0	10
76	Association of Markers of Proinflammatory Phenotype and Beige Adipogenesis with Metabolic Syndrome in Chinese Centrally Obese Adults. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-7.	2.3	10
77	Aging and Apoptosis in Muscle. , 2011, , 63-118.		9
78	Proteasome inhibition alleviates prolonged moderate compression-induced muscle pathology. <i>BMC Musculoskeletal Disorders</i> , 2011, 12, 58.	1.9	9
79	Tai Chi versus conventional exercise for improving cognitive function in older adults: a pilot randomized controlled trial. <i>Scientific Reports</i> , 2022, 12, .	3.3	9
80	Ablation of Bax and Bak protects skeletal muscle against pressure-induced injury. <i>Scientific Reports</i> , 2018, 8, 3689.	3.3	8
81	Acute effects of mindfulness-based intervention on athlete cognitive function: An fNIRS investigation. <i>Journal of Exercise Science and Fitness</i> , 2022, 20, 90-99.	2.2	8
82	Coexpression Pattern Analysis of NPM1-Associated Genes in Chronic Myelogenous Leukemia. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	7
83	Cardiovascular Protective Effects of Salvianic Acid A on <i>db/db</i> Mice with Elevated Homocysteine Level. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-10.	4.0	7
84	Adipokine Profiling in Adult Women With Central Obesity and Hypertension. <i>Frontiers in Physiology</i> , 2018, 9, 294.	2.8	7
85	Obestatin and growth hormone reveal the interaction of central obesity and other cardiometabolic risk factors of metabolic syndrome. <i>Scientific Reports</i> , 2020, 10, 5495.	3.3	7
86	Gene Network Exploration of Crosstalk between Apoptosis and Autophagy in Chronic Myelogenous Leukemia. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	6
87	Acute Effects of Brief Mindfulness Intervention Coupled with Carbohydrate Ingestion to Re-Energize Soccer Players: A Randomized Crossover Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9037.	2.6	6
88	Aerobic Exercise Decreases Negative Affect by Modulating Orbitofrontal-Amygdala Connectivity in Adolescents. <i>Life</i> , 2021, 11, 577.	2.4	6
89	Effects of one-year once-weekly high-intensity interval training on body adiposity and liver fat in adults with central obesity: Study protocol for a randomized controlled trial. <i>Journal of Exercise Science and Fitness</i> , 2022, 20, 161-171.	2.2	6
90	Novel Approach for Coexpression Analysis of E2F1 and MYC Target Genes in Chronic Myelogenous Leukemia. <i>BioMed Research International</i> , 2014, 2014, 1-7.	1.9	5

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91	[D-Lys3]-GHRP-6 exhibits pro-autophagic effects on skeletal muscle. Molecular and Cellular Endocrinology, 2015, 401, 155-164.	3.2	5
92	Ghrelin Axis Reveals the Interacting Influence of Central Obesity and Hypertension. Frontiers in Endocrinology, 2018, 9, 534.	3.5	5
93	Effects and doseâ€response relationship of high-intensity interval training on cardiorespiratory fitness in overweight and obese adults: a systematic review and meta-analysis. Journal of Sports Sciences, 2021, 39, 2829-2846.	2.0	5
94	Promoting healthy ageing through light volleyball intervention in Hong Kong: study protocol for a randomised controlled trial. BMC Sports Science, Medicine and Rehabilitation, 2020, 12, 6.	1.7	5
95	Comparison of moderate and vigorous walking exercise on reducing depression in middleâ€aged and older adults: A pilot randomized controlled trial. European Journal of Sport Science, 2023, 23, 1018-1027.	2.7	5
96	Effects of an Individualized Exercise Program Plus Behavioral Change Enhancement Strategies for Managing Fatigue in Older People Who Are Frail: Protocol for a Cluster Randomized Controlled Trial. Physical Therapy, 2019, 99, 1616-1627.	2.4	3
97	Brain Vitality Enhancement (BRAVE) program to promote brain health among persons with mild cognitive impairment: A study protocol. Journal of Advanced Nursing, 2019, 75, 3758-3767.	3.3	2
98	Acute Effect of Brief Mindfulness-Based Intervention Coupled with Fluid Intake on Athletes' Cognitive Function. Journal of Sports Science and Medicine, 2020, 19, 753-760.	1.6	2
99	Nuclear Apoptosis and Sarcopenia. , 2011, , 173-206.		1
100	Effects of Exercise Frequency and Intensity on Reducing Depressive Symptoms in Older Adults With Insomnia: A Pilot Randomized Controlled Trial. Frontiers in Physiology, 2022, 13, 863457.	2.8	1
101	Agingâ€Associated Differences in Skeletal Muscle Expression of the Trimeric ILâ€15R.. FASEB Journal, 2006, 20, A803.	0.5	0
102	Deficiency of the Bax gene attenuates denervationâ€induced muscle wasting. FASEB Journal, 2006, 20, A390.	0.5	0
103	Avoidance of Damage Accumulation to Minimize the Risk of Deep Tissue Injury: An Investigative Protocol of Double Loading Episodes. IFMBE Proceedings, 2011, , 857-859.	0.3	0