Li Li Ji

List of Publications by Year
in descending order

51 papers	3,854 citations	159585 30 h-index	233421 45 g-index
82 all docs	82 docs citations	82 times ranked	5433 citing authors

#	Article	IF	Citations
1	Antioxidants and Oxidative Stress inâ€ƒExercise. Proceedings of the Society for Experimental Biology and Medicine, 1999, 222, 283-292.	1.8	542
2	The COVID-19 pandemic and physical activity. Sports Medicine and Health Science, 2020, 2, 55-64.	2.0	354
3	Reactive Oxygen Species: Impact on Skeletal Muscle. , 2011, 1, 941-969.		346
4	Strenuous endurance training in humans reduces oxidative stress following exhausting exercise. European Journal of Applied Physiology, 2001, 84, 1-6.	2.5	312
5	Exerciseâ€induced Modulation of Antioxidant Defense. Annals of the New York Academy of Sciences, 2002, 959, 82-92.	3.8	269
6	Exerciseâ€induced oxidative stress: past, present and future. Journal of Physiology, 2016, 594, 5081-5092.	2.9	232
7	Exercise at Old Age: Does It Increase or Alleviate Oxidative Stress?. Annals of the New York Academy of Sciences, 2001, 928, 236-247.	3.8	147
8	Oxidative Stress and Aging: Role of Exercise and Its Influences on Antioxidant Systems. Annals of the New York Academy of Sciences, 1998, 854, 102-117.	3.8	141
9	Exercise-induced hormesis and skeletal muscle health. Free Radical Biology and Medicine, 2016, 98, 113-122.	2.9	103
10	Exercise-Induced Neuroprotection of Hippocampus in APP/PS1 Transgenic Mice via Upregulation of Mitochondrial 8-Oxoguanine DNA Glycosylase. Oxidative Medicine and Cellular Longevity, 2014, 2014, 1-14.	4.0	84
11	Effects of avenanthramides on oxidant generation and antioxidant enzyme activity in exercised rats. Nutrition Research, 2003, 23, 1579-1590.	2.9	77
12	Intensified mitophagy in skeletal muscle with aging is downregulated by PGC-1alpha overexpression in vivo. Free Radical Biology and Medicine, 2019, 130, 361-368.	2.9	77
13	Exercise and oxidative stress: Sources of free radicals and their impact on antioxidant systems. Age, 1997, 20, 91-106.	3.0	73
14	PGC-1Î± overexpression via local transfection attenuates mitophagy pathway in muscle disuse atrophy. Free Radical Biology and Medicine, 2016, 93, 32-40.	2.9	72
15	PGCâ€1Î± overexpression by in vivo transfection attenuates mitochondrial deterioration of skeletal muscle caused by immobilization. FASEB Journal, 2015, 29, 4092-4106.	0.5	68
16	Role of nuclear factor ÎºB and mitogen-activated protein kinase signaling in exercise-induced antioxidant enzyme adaptation. Applied Physiology, Nutrition and Metabolism, 2007, 32, 930-935.	1.9	67
17	Muscle immobilization and remobilization downregulates PGC-1Î± signaling and the mitochondrial biogenesis pathway. Journal of Applied Physiology, 2013, 115, 1618-1625.	2.5	61
18	Role of PGC-1Î± in Sarcopenia: Etiology and Potential Intervention - A Mini-Review. Gerontology, 2015, 61, 139-148.	2.8	57

#	Article	IF	Citations
19	Mitochondrial dysregulation and muscle disuse atrophy. F1000Research, 2019, 8, 1621.	1.6	56
20	Redox signaling in skeletal muscle: role of aging and exercise. American Journal of Physiology - Advances in Physiology Education, 2015, 39, 352-359.	1.6	55
21	Effects of swimming training on three superoxide dismutase isoenzymes in mouse tissues. Journal of Applied Physiology, 2000, 88, 649-654.	2.5	54
22	Improved cardiac performance after ischemia in aged rats supplemented with vitamin E and Î±-lipoic acid. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2000, 279, R2149-R2155.	1.8	53
23	Avenanthramides Are Bioavailable and Accumulate in Hepatic, Cardiac, and Skeletal Muscle Tissue Following Oral Gavage in Rats. Journal of Agricultural and Food Chemistry, 2011, 59, 6438-6443.	5.2	52
24	Acute Exercise-Induced Mitochondrial Stress Triggers an Inflammatory Response in the Myocardium via NLRP3 Inflammasome Activation with Mitophagy. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-11.	4.0	48
25	Avenanthramide supplementation attenuates exercise-induced inflammation in postmenopausal women. Nutrition Journal, 2014, 13, 21.	3.4	39
26	Oxidative stress and mitochondrial function in skeletal muscle: Effects of aging and exercise training. Age, 1998, 21, 109-117.	3.0	38
27	Aging alters acetylation status in skeletal and cardiac muscles. GeroScience, 2020, 42, 963-976.	4.6	38
28	Anti-inflammatory effect of avenanthramides via NF-Î²B pathways in C2C12 skeletal muscle cells. Free Radical Biology and Medicine, 2018, 117, 30-36.	2.9	36
29	Role of Redox Signaling and Inflammation in Skeletal Muscle Adaptations to Training. Antioxidants, 2016, 5, 48.	5.1	34
30	Avenanthramide supplementation attenuates eccentric exercise-inflicted blood inflammatory markers in women. European Journal of Applied Physiology, 2016, 116, 67-76.	2.5	33
31	Oxidative stress: an evolving definition. Faculty Reviews, 2021, 10, 13.	3.9	33
32	Exercise-Induced Hormesis may Help Healthy Aging. Dose-Response, 2010, 8, dose-response.0.	1.6	32
33	Redox Signaling and Sarcopenia: Searching for the Primary Suspect. International Journal of Molecular Sciences, 2021, 22, 9045.	4.1	25
34	Effect of acute exercise on glutathione deficient heart. Molecular and Cellular Biochemistry, 1996, 156, 17-24.	3.1	23
35	Aging, Exercise, and Phytochemicals Promises and Pitfalls. Annals of the New York Academy of Sciences, 2004, 1019, 453-461.	3.8	18
36	Avenanthramides attenuate inflammation and atrophy in muscle cells. Journal of Sport and Health Science, 2019, 8, 189-195.	6.5	18

#	Article	IF	Citations
37	Avenanthramide supplementation reduces eccentric exercise-induced inflammation in young men and women. Journal of the International Society of Sports Nutrition, 2020, 17, 41.	3.9	18
38	Absorption and Elimination of Oat Avenanthramides in Humans after Acute Consumption of Oat Cookies. Oxidative Medicine and Cellular Longevity, 2017, 2017, 1-7.	4.0	15
39	Maintenance of NAD+ Homeostasis in Skeletal Muscle during Aging and Exercise. Cells, 2022, 11, 710.	4.1	13
40	Exercise Down-Regulates Hepatic Fatty Acid Synthase in Streptozotocin-Treated Rats. Journal of Nutrition, 2001, 131, 2252-2259.	2.9	11
41	Muscle Disuse Atrophy Caused by Discord of Intracellular Signaling. Antioxidants and Redox Signaling, 2020, 33, 727-744.	5.4	10
42	Data on in vivo PGC-1alpha overexpression model via local transfection in aged mouse muscle. Data in Brief, 2019, 22, 199-203.	1.0	4
43	PGC-1Î± Overexpression via Local In Vivo Transfection in Mouse Skeletal Muscle. Methods in Molecular Biology, 2019, 1966, 151-161.	0.9	4
44	Challenges in Exercise Physiology Research and Education. Quest, 2008, 60, 13-18.	1.2	3
45	Data on the mode of binding between avenanthramides and IKKÎ² domains in a docking model. Data in Brief, 2018, 17, 994-997.	1.0	3
46	NAD+ deficit, protein acetylation and muscle aging. Aging, 2021, 13, 14546-14548.	3.1	3
47	ROS play a role in regulating exerciseâ€induced mitochondrial biogenic pathway.. FASEB Journal, 2007, 21, A815.	0.5	0
48	Avenanthramide bioavailability and liver absorption in rats. FASEB Journal, 2007, 21, A727.	0.5	0
49	The protective role of PGCâ€1Î± in the recovery of muscle disuse atrophy. FASEB Journal, 2013, 27, 940.5.	0.5	0
50	Redox Signaling. , 2020, , 1-10.		0
51	Redox Signaling. , 2021, , 4165-4174.		0