

Dae-yun Seo

List of Publications by Year in descending order

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49
papers

1,227
citations

331670
21
h-index

395702
33
g-index

51
all docs

51
docs citations

51
times ranked

1983
citing authors

#	ARTICLE	IF	CITATIONS
1	Ursolic acid in health and disease. Korean Journal of Physiology and Pharmacology, 2018, 22, 235.	1.2	139
2	Humanized animal exercise model for clinical implication. Pflugers Archiv European Journal of Physiology, 2014, 466, 1673-1687.	2.8	65
3	Yoga Training Improves Metabolic Parameters in Obese Boys. Korean Journal of Physiology and Pharmacology, 2012, 16, 175.	1.2	63
4	Non-genomic effect of glucocorticoids on cardiovascular system. Pflugers Archiv European Journal of Physiology, 2012, 464, 549-559.	2.8	61
5	Ursolic Acid-Induced Elevation of Serum Irisin Augments Muscle Strength During Resistance Training in Men. Korean Journal of Physiology and Pharmacology, 2014, 18, 441.	1.2	60
6	Age-related changes in skeletal muscle mitochondria: the role of exercise. Integrative Medicine Research, 2016, 5, 182-186.	1.8	58
7	Effects of exercise on obesity-induced mitochondrial dysfunction in skeletal muscle. Korean Journal of Physiology and Pharmacology, 2017, 21, 567.	1.2	58
8	Exercise and Neuroinflammation in Health and Disease. International Neurourology Journal, 2019, 23, S82-92.	1.2	48
9	Aerobic Exercise Training Decreases Hepatic Asprosin in Diabetic Rats. Journal of Clinical Medicine, 2019, 8, 666.	2.4	40
10	Effects of aging and exercise training on mitochondrial function and apoptosis in the rat heart. Pflugers Archiv European Journal of Physiology, 2020, 472, 179-193.	2.8	37
11	Effects of aged garlic extract and endurance exercise on skeletal muscle FNDC-5 and circulating irisin in high-fat-diet rat models. Nutrition Research and Practice, 2014, 8, 177.	1.9	35
12	Aged garlic extract enhances exercise-mediated improvement of metabolic parameters in high fat diet-induced obese rats. Nutrition Research and Practice, 2012, 6, 513.	1.9	32
13	Effects of Acute Exercise on Mitochondrial Function, Dynamics, and Mitophagy in Rat Cardiac and Skeletal Muscles. International Neurourology Journal, 2019, 23, S22-31.	1.2	29
14	Echinochrome A Improves Exercise Capacity during Short-Term Endurance Training in Rats. Marine Drugs, 2015, 13, 5722-5731.	4.6	28
15	The Effects of 12 Weeks of a Combined Exercise Program on Physical Function and Hormonal Status in Elderly Korean Women. International Journal of Environmental Research and Public Health, 2019, 16, 4196.	2.6	27
16	Cardiac adaptation to exercise training in health and disease. Pflugers Archiv European Journal of Physiology, 2020, 472, 155-168.	2.8	26
17	Exercise Training Attenuates Obesity-Induced Skeletal Muscle Remodeling and Mitochondria-Mediated Apoptosis in the Skeletal Muscle. International Journal of Environmental Research and Public Health, 2018, 15, 2301.	2.6	25
18	The impact of endotrophin on the progression of chronic liver disease. Experimental and Molecular Medicine, 2020, 52, 1766-1776.	7.7	25

#	ARTICLE	IF	CITATIONS
19	Morning and evening exercise. Integrative Medicine Research, 2013, 2, 139-144.	1.8	24
20	Independent beneficial effects of aged garlic extract intake with regular exercise on cardiovascular risk in postmenopausal women. Nutrition Research and Practice, 2012, 6, 226.	1.9	23
21	Concurrent treatment with ursolic acid and low-intensity treadmill exercise improves muscle atrophy and related outcomes in rats. Korean Journal of Physiology and Pharmacology, 2018, 22, 427.	1.2	23
22	The combined effects of physical exercise training and detraining on adiponectin in overweight and obese children. Integrative Medicine Research, 2013, 2, 145-150.	1.8	22
23	Combined effects of food and exercise on anaphylaxis. Nutrition Research and Practice, 2013, 7, 347.	1.9	22
24	Resistance exercise improves cardiac function and mitochondrial efficiency in diabetic rat hearts. Pflugers Archiv European Journal of Physiology, 2018, 470, 263-275.	2.8	22
25	Exercise as A Potential Therapeutic Target for Diabetic Cardiomyopathy: Insight into the Underlying Mechanisms. International Journal of Molecular Sciences, 2019, 20, 6284.	4.1	18
26	Exercise training causes a partial improvement through increasing testosterone and eNOS for erectile function in middle-aged rats. Experimental Gerontology, 2018, 108, 131-138.	2.8	17
27	Hepatokines as a Molecular Transducer of Exercise. Journal of Clinical Medicine, 2021, 10, 385.	2.4	17
28	Moderate aerobic exercise training ameliorates impairment of mitochondrial function and dynamics in skeletal muscle of high-fat diet-induced obese mice. FASEB Journal, 2021, 35, e21340.	0.5	16
29	Mitochondrial TFAM as a Signaling Regulator between Cellular Organelles: A Perspective on Metabolic Diseases. Diabetes and Metabolism Journal, 2021, 45, 853-865.	4.7	16
30	Aerobic exercise training decreases cereblon and increases AMPK signaling in the skeletal muscle of STZ-induced diabetic rats. Biochemical and Biophysical Research Communications, 2018, 501, 448-453.	2.1	14
31	Aging Promotes Mitochondria-Mediated Apoptosis in Rat Hearts. Life, 2020, 10, 178.	2.4	13
32	Exercise-Induced Circulating Irisin Level Is Correlated with Improved Cardiac Function in Rats. International Journal of Environmental Research and Public Health, 2020, 17, 3863.	2.6	13
33	Effects of a single bout of exercise on mitochondria-mediated apoptotic signaling in rat cardiac and skeletal muscles. Journal of Exercise Rehabilitation, 2019, 15, 512-517.	1.0	13
34	Ursolic acid supplementation decreases markers of skeletal muscle damage during resistance training in resistance-trained men: a pilot study. Korean Journal of Physiology and Pharmacology, 2017, 21, 651.	1.2	11
35	Human giant congenital melanocytic nevus exhibits potential proteomic alterations leading to melanotumorigenesis. Proteome Science, 2012, 10, 50.	1.7	10
36	BH4 activates CaMKK2 and rescues the cardiomyopathic phenotype in rodent models of diabetes. Life Science Alliance, 2020, 3, e201900619.	2.8	10

#	ARTICLE	IF	CITATIONS
37	Voluntary stand-up physical activity enhances endurance exercise capacity in rats. Korean Journal of Physiology and Pharmacology, 2016, 20, 287.	1.2	9
38	Effects of aging on mitochondrial hydrogen peroxide emission and calcium retention capacity in rat heart. Journal of Exercise Rehabilitation, 2018, 14, 920-926.	1.0	9
39	Effects of exercise on AKT/PGC1- β /FOXO3a pathway and muscle atrophy in cisplatin-administered rat skeletal muscle. Korean Journal of Physiology and Pharmacology, 2021, 25, 585-592.	1.2	8
40	Circadian modulation of the cardiac proteome underpins differential adaptation to morning and evening exercise training: an LC-MS/MS analysis. Pflugers Archiv European Journal of Physiology, 2020, 472, 259-269.	2.8	7
41	Resistance Exercise Training Attenuates the Loss of Endogenous GLP-1 Receptor in the Hypothalamus of Type 2 Diabetic Rats. International Journal of Environmental Research and Public Health, 2019, 16, 830.	2.6	6
42	Exercise Training Attenuates Ovariectomy-Induced Alterations in Skeletal Muscle Remodeling, Apoptotic Signaling, and Atrophy Signaling in Rat Skeletal Muscle. International Neurourology Journal, 2021, 25, S47-54.	1.2	6
43	Exercise perspective on common cardiac medications. Integrative Medicine Research, 2013, 2, 49-55.	1.8	5
44	Energy metabolism and whole-exome sequencing-based analysis of Sasang constitution: a pilot study. Integrative Medicine Research, 2017, 6, 165-178.	1.8	4
45	Exercise Training Protects against Atorvastatin-Induced Skeletal Muscle Dysfunction and Mitochondrial Dysfunction in the Skeletal Muscle of Rats. Journal of Clinical Medicine, 2020, 9, 2292.	2.4	4
46	Effects of cisplatin on mitochondrial function and autophagy-related proteins in skeletal muscle of rats. BMB Reports, 2021, 54, 575-580.	2.4	4
47	Effects of aged garlic extract and endurance exercise on skeletal muscle FNDC-5 and circulating irisin in high-fat-diet rat models. Nutrition Research and Practice, 2014, 8, 177.	1.9	2
48	Role of Exercise in Skeletal Muscle Atrophy: A Mechanistic Investigation. Exercise Science, 2020, 29, 202-207.	0.3	0
49	Effects of cisplatin on mitochondrial function and autophagy-related proteins in skeletal muscle of rats. BMB Reports, 2021, 54, 575-580.	2.4	0