

Understanding the Cellular and Molecular Mechanisms Benefits

Cell Metabolism

22, 4-11

DOI: [10.1016/j.cmet.2015.05.011](https://doi.org/10.1016/j.cmet.2015.05.011)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Daily movement patterns and predicted 10-yr risk for a first atherosclerotic cardiovascular disease (ASCVD) event using the pooled cohort risk equations among US adults. <i>Preventive Medicine</i> , 2015, 81, 78-81.	1.6	10
2	Epigenetics and Colorectal Neoplasia: the Evidence for Physical Activity and Sedentary Behavior. <i>Current Colorectal Cancer Reports</i> , 2015, 11, 388-396.	1.0	11
3	Global Phosphoproteomic Analysis of Human Skeletal Muscle Reveals a Network of Exercise-Regulated Kinases and AMPK Substrates. <i>Cell Metabolism</i> , 2015, 22, 922-935.	7.2	333
5	Incorporating Natural Products, Pharmaceutical Drugs, Self-Care and Digital/Mobile Health Technologies into Molecular-Behavioral Combination Therapies for Chronic Diseases. <i>Current Clinical Pharmacology</i> , 2016, 11, 128-145.	0.2	26
6	Mitochondrial Quality Control and Muscle Mass Maintenance. <i>Frontiers in Physiology</i> , 2015, 6, 422.	1.3	290
7	NOX2 Inhibition Impairs Early Muscle Gene Expression Induced by a Single Exercise Bout. <i>Frontiers in Physiology</i> , 2016, 7, 282.	1.3	39
8	Mechanosensitive Molecular Networks Involved in Transducing Resistance Exercise-Signals into Muscle Protein Accretion. <i>Frontiers in Physiology</i> , 2016, 7, 547.	1.3	37
9	FVB/NJ Mice Are a Useful Model for Examining Cardiac Adaptations to Treadmill Exercise. <i>Frontiers in Physiology</i> , 2016, 7, 636.	1.3	22
10	Acute effects of aerobic exercise promote learning. <i>Scientific Reports</i> , 2016, 6, 25440.	1.6	54
11	Coupling of mitochondrial function and skeletal muscle fiber type by a miR499/Fnip1/AMPK circuit. <i>EMBO Molecular Medicine</i> , 2016, 8, 1212-1228.	3.3	85
12	PGC-1 α promotes exercise-induced autophagy in mouse skeletal muscle. <i>Physiological Reports</i> , 2016, 4, e12698.	0.7	42
13	The mechanisms underlying the beneficial effects of exercise on bone remodeling: Roles of bone-derived cytokines and microRNAs. <i>Progress in Biophysics and Molecular Biology</i> , 2016, 122, 131-139.	1.4	35
14	Exercise Inducible Lactate Dehydrogenase B Regulates Mitochondrial Function in Skeletal Muscle. <i>Journal of Biological Chemistry</i> , 2016, 291, 25306-25318.	1.6	66
16	Physical exercise alleviates ER stress in obese humans through reduction in the expression and release of GRP78 chaperone. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 1409-1420.	1.5	45
17	Metabolic Control of Longevity. <i>Cell</i> , 2016, 166, 802-821.	13.5	591
18	Commentaries on Viewpoint: The rigorous study of exercise adaptations: Why mRNA might not be enough. <i>Journal of Applied Physiology</i> , 2016, 121, 597-600.	1.2	6
19	Core concept of integrative medicine: physical activity. <i>Integrative Medicine Research</i> , 2016, 5, 169-170.	0.7	0
20	Effects of exercise on adolescent and adult hypothalamic and hippocampal neuroinflammation. <i>Hippocampus</i> , 2016, 26, 1435-1446.	0.9	22

#	ARTICLE	IF	CITATIONS
21	3- ^h Hydroxybutyrate regulates energy metabolism and induces <sc>BDNF</sc> expression in cerebral cortical neurons. Journal of Neurochemistry, 2016, 139, 769-781.	2.1	179
22	Exercise-like effects by Estrogen-related receptor-gamma in muscle do not prevent insulin resistance in db/db mice. Scientific Reports, 2016, 6, 26442.	1.6	18
23	Last Word on Viewpont: On the rigorous study of exercise adaptations: why mRNA might not be enough?. Journal of Applied Physiology, 2016, 121, 601-601.	1.2	6
24	Osteocalcin Signaling in Myofibers Is Necessary and Sufficient for Optimum Adaptation to Exercise. Cell Metabolism, 2016, 23, 1078-1092.	7.2	302
25	Exercise Promotes Healthy Aging of Skeletal Muscle. Cell Metabolism, 2016, 23, 1034-1047.	7.2	335
26	Emerging Mitochondrial Therapeutic Targets in Optic Neuropathies. , 2016, 165, 132-152.		62
27	Epigenetics and obesity cardiomyopathy: From pathophysiology to prevention and management. , 2016, 161, 52-66.		95
28	The emerging role of skeletal muscle oxidative metabolism as a biological target and cellular regulator of cancer-induced muscle wasting. Seminars in Cell and Developmental Biology, 2016, 54, 53-67.	2.3	82
29	The current state of the art of quantitative phosphoproteomics and its applications to diabetes research. Expert Review of Proteomics, 2016, 13, 421-433.	1.3	26
30	The impact of low-protein high-carbohydrate diets on aging and lifespan. Cellular and Molecular Life Sciences, 2016, 73, 1237-1252.	2.4	164
31	One step forward for exercise. Nature Reviews Endocrinology, 2016, 12, 7-8.	4.3	7
32	Translational bioinformatics in the era of real-time biomedical, health care and wellness data streams. Briefings in Bioinformatics, 2017, 18, 105-124.	3.2	146
33	Crosstalk between adipokines and myokines in fat browning. Acta Physiologica, 2017, 219, 362-381.	1.8	154
34	Temptations toward behaviors minimizing energetic costs (BMEC) automatically activate physical activity goals in successful exercisers. Psychology of Sport and Exercise, 2017, 30, 110-117.	1.1	24
35	Enhanced Protein Translation Underlies Improved Metabolic and Physical Adaptations to Different Exercise Training Modes in Young and Old Humans. Cell Metabolism, 2017, 25, 581-592.	7.2	381
36	Acute exercise activates p38 MAPK and increases the expression of telomere-protective genes in cardiac muscle. Experimental Physiology, 2017, 102, 397-410.	0.9	42
37	Influence of anaerobic and aerobic exercise on age-related pathways in skeletal muscle. Ageing Research Reviews, 2017, 37, 39-52.	5.0	16
38	PPAR γ Is Essential for Maintaining Normal Levels of PGC-1 α and Mitochondria and for the Increase in Muscle Mitochondria Induced by Exercise. Cell Metabolism, 2017, 25, 1176-1185.e5.	7.2	69

#	ARTICLE	IF	CITATIONS
39	The Intriguing Role of Histamine in Exercise Responses. <i>Exercise and Sport Sciences Reviews</i> , 2017, 45, 16-23.	1.6	19
40	Greater Oxidative Capacity in Primary Myotubes from Endurance-trained Women. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2151-2157.	0.2	19
41	The brain, sirtuins, and ageing. <i>Nature Reviews Neuroscience</i> , 2017, 18, 362-374.	4.9	138
42	Age-Associated Loss of OPA1 in Muscle Impacts Muscle Mass, Metabolic Homeostasis, Systemic Inflammation, and Epithelial Senescence. <i>Cell Metabolism</i> , 2017, 25, 1374-1389.e6.	7.2	388
43	Omics and Exercise: Global Approaches for Mapping Exercise Biological Networks. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017, 7, a029884.	2.9	48
44	Determinants of and socio-economic disparities in self-rated health in China. <i>International Journal for Equity in Health</i> , 2017, 16, 7.	1.5	56
45	Developing Circadian Therapeutics Against Age-Related Metabolic Decline. <i>Healthy Ageing and Longevity</i> , 2017, , 235-268.	0.2	0
46	How does hormesis impact biology, toxicology, and medicine?. <i>Npj Aging and Mechanisms of Disease</i> , 2017, 3, 13.	4.5	333
47	Beneficial effects of exercise training in heart failure are lost in male diabetic rats. <i>Journal of Applied Physiology</i> , 2017, 123, 1579-1591.	1.2	2
48	Exercise-dependent regulation of the tumour microenvironment. <i>Nature Reviews Cancer</i> , 2017, 17, 620-632.	12.8	190
49	Role of vitamin A oral supplementation on oxidative stress and inflammatory response in the liver of trained rats. <i>Applied Physiology, Nutrition and Metabolism</i> , 2017, 42, 1192-1200.	0.9	10
50	Role of Inactivity in Chronic Diseases: Evolutionary Insight and Pathophysiological Mechanisms. <i>Physiological Reviews</i> , 2017, 97, 1351-1402.	13.1	422
51	The Power of Disparate Data Sources for Answering Thorny Questions in Healthcare: Four Case Studies. <i>Computers in Health Care</i> , 2017, , 331-369.	0.2	1
52	Skeletal Muscle Microvascular-Linked Improvements in Glycemic Control From Resistance Training in Individuals With Type 2 Diabetes. <i>Diabetes Care</i> , 2017, 40, 1256-1263.	4.3	50
53	Electrical pulse stimulation of cultured skeletal muscle cells as a model for <i>in vitro</i> exercise – possibilities and limitations. <i>Acta Physiologica</i> , 2017, 220, 310-331.	1.8	76
54	A single dose of histamine-receptor antagonists before downhill running alters markers of muscle damage and delayed-onset muscle soreness. <i>Journal of Applied Physiology</i> , 2017, 122, 631-641.	1.2	21
55	Exercise Mimetics: Impact on Health and Performance. <i>Cell Metabolism</i> , 2017, 25, 242-247.	7.2	112
56	Bench-to-Bedside Approaches for Personalized Exercise Therapy in Cancer. <i>American Society of Clinical Oncology Educational Book / ASCO American Society of Clinical Oncology Meeting</i> , 2017, 37, 684-694.	1.8	26

#	ARTICLE	IF	CITATIONS
57	Vitamin A Oral Supplementation Induces Oxidative Stress and Suppresses IL-10 and HSP70 in Skeletal Muscle of Trained Rats. <i>Nutrients</i> , 2017, 9, 353.	1.7	29
58	Bodyâ€“Brain Connections: The Effects of Obesity and Behavioral Interventions on Neurocognitive Aging. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 115.	1.7	45
59	Plasma Irisin Modestly Increases during Moderate and High-Intensity Afternoon Exercise in Obese Females. <i>PLoS ONE</i> , 2017, 12, e0170690.	1.1	42
60	Serum Metabolomics of Activity Energy Expenditure and its Relation to Metabolic Syndrome and Obesity. <i>Scientific Reports</i> , 2018, 8, 3308.	1.6	37
61	Plasma Metabolite Profiles in Response to Chronic Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1480-1486.	0.2	30
62	A new perspective of the hippocampus in the origin of exerciseâ€“brain interactions. <i>Brain Structure and Function</i> , 2018, 223, 2527-2545.	1.2	54
63	Circulating microRNA as Emerging Biomarkers of Exercise. <i>Exercise and Sport Sciences Reviews</i> , 2018, 46, 160-171.	1.6	34
64	Occupational physical and emotional fitness. <i>Work</i> , 2018, 59, 463-467.	0.6	6
65	Combination of nutritional polyphenols supplementation with exercise training counteracts insulin resistance and improves endurance in high-fat diet-induced obese rats. <i>Scientific Reports</i> , 2018, 8, 2885.	1.6	28
66	Role of Physical Activity and Exercise in Alleviating Cognitive Impairment in People With Epilepsy. <i>Clinical Therapeutics</i> , 2018, 40, 26-34.	1.1	35
67	Getting the Brain Into Shape: Exercise in Neurological Disorders. <i>Clinical Therapeutics</i> , 2018, 40, 6-7.	1.1	5
68	Home-based Physical Activity Coaching, Physical Activity, and Health Care Utilization in Chronic Obstructive Pulmonary Disease. Chronic Obstructive Pulmonary Disease Self-Management Activation Research Trial Secondary Outcomes. <i>Annals of the American Thoracic Society</i> , 2018, 15, 470-478.	1.5	37
69	Exercise training protects against cancer-induced cardiac remodeling in an animal model of urothelial carcinoma. <i>Archives of Biochemistry and Biophysics</i> , 2018, 645, 12-18.	1.4	13
70	Serum brainâ€“derived neurotrophic factor and interleukinâ€“6 response to highâ€“volume mechanically demanding exercise. <i>Muscle and Nerve</i> , 2018, 57, E46-E51.	1.0	9
71	Molecular Basis of Exercise-Induced Skeletal Muscle Mitochondrial Biogenesis: Historical Advances, Current Knowledge, and Future Challenges. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2018, 8, a029686.	2.9	47
72	Adaptations to endurance training depend on exerciseâ€“induced oxidative stress: exploiting redox interindividual variability. <i>Acta Physiologica</i> , 2018, 222, e12898.	1.8	84
73	Molecular Mechanisms Linking Exercise to Cancer Prevention and Treatment. <i>Cell Metabolism</i> , 2018, 27, 10-21.	7.2	333
74	Weight management and physical activity throughout the cancer care continuum. <i>Ca-A Cancer Journal for Clinicians</i> , 2018, 68, 64-89.	157.7	109

#	ARTICLE	IF	CITATIONS
75	Flow-Responsive Vascular Endothelial Growth Factor Receptor-Protein Kinase C Isoform Epsilon Signaling Mediates Glycolytic Metabolites for Vascular Repair. <i>Antioxidants and Redox Signaling</i> , 2018, 28, 31-43.	2.5	16
76	Exercise Training in Cancer Control and Treatment. , 2018, 9, 165-205.		124
77	MicroRNA-499-5p regulates skeletal myofiber specification via NFATc1/MEF2C pathway and Thrap1/MEF2C axis. <i>Life Sciences</i> , 2018, 215, 236-245.	2.0	32
78	Cellular and synaptic reorganization of arcuate NPY/AgRP and POMC neurons after exercise. <i>Molecular Metabolism</i> , 2018, 18, 107-119.	3.0	66
79	Habitual aerobic exercise and circulating proteomic patterns in healthy adults: relation to indicators of healthspan. <i>Journal of Applied Physiology</i> , 2018, 125, 1646-1659.	1.2	19
80	Adipose Tissue as an Endocrine Organ. , 0, , .		3
81	New Insights into the Role of Exercise in Inhibiting mTOR Signaling in Triple-Negative Breast Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-19.	1.9	33
82	Level of and Factors Determining Physical Activity in Students in Ukraine and the Visegrad Countries. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1738.	1.2	15
83	The Basics of Biogerontology. , 2018, , .		1
84	Lifestyle-dependent brain change: a longitudinal cohort MRI study. <i>Neurobiology of Aging</i> , 2018, 69, 48-57.	1.5	25
85	Long-term moderate exercise enhances specific proteins that constitute neurotrophin signaling pathway: A TMT-based quantitative proteomic analysis of rat plasma. <i>Journal of Proteomics</i> , 2018, 185, 39-50.	1.2	20
86	Training-Induced Changes in Mitochondrial Content and Respiratory Function in Human Skeletal Muscle. <i>Sports Medicine</i> , 2018, 48, 1809-1828.	3.1	146
87	Automatic extraction of gene-disease associations from literature using joint ensemble learning. <i>PLoS ONE</i> , 2018, 13, e0200699.	1.1	50
88	Using Behavioral Analytics to Increase Exercise: A Randomized N-of-1 Study. <i>American Journal of Preventive Medicine</i> , 2018, 54, 559-567.	1.6	64
89	Effects of Acute Aerobic Exercise on Rats Serum Extracellular Vesicles Diameter, Concentration and Small RNAs Content. <i>Frontiers in Physiology</i> , 2018, 9, 532.	1.3	71
90	Metabolic and molecular framework for the enhancement of endurance by intermittent food deprivation. <i>FASEB Journal</i> , 2018, 32, 3844-3858.	0.2	45
91	Transcriptome response of human skeletal muscle to divergent exercise stimuli. <i>Journal of Applied Physiology</i> , 2018, 124, 1529-1540.	1.2	61
92	Differences in physical activity and nutrition and silhouette-related behaviours in male and female students in selected European countries. <i>Annals of Agricultural and Environmental Medicine</i> , 2018, 25, 176-181.	0.5	8

#	ARTICLE	IF	CITATIONS
93	An "Exercise" in Cardiac Metabolism. <i>Frontiers in Cardiovascular Medicine</i> , 2018, 5, 66.	1.1	30
94	Response of Gut Microbiota to Metabolite Changes Induced by Endurance Exercise. <i>Frontiers in Microbiology</i> , 2018, 9, 765.	1.5	144
95	Exercise and Mitochondrial Dynamics: Keeping in Shape with ROS and AMPK. <i>Antioxidants</i> , 2018, 7, 7.	2.2	90
96	Multiplex Quantification Identifies Novel Exercise-regulated Myokines/Cytokines in Plasma and in Glycolytic and Oxidative Skeletal Muscle. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1546-1563.	2.5	23
97	Will Women Interact with Technology to Understand Their Cardiovascular Risk and Potentially Increase Activity?. <i>BioResearch Open Access</i> , 2019, 8, 94-100.	2.6	2
98	Metabolome-Wide Association Study of the Relationship Between Habitual Physical Activity and Plasma Metabolite Levels. <i>American Journal of Epidemiology</i> , 2019, 188, 1932-1943.	1.6	26
99	Mechanisms and Late-Life Intervention of Aging. , 2019, , 371-394.		0
100	Comparative molecular analysis of endurance exercise in vivo with electrically stimulated in vitro myotube contraction. <i>Journal of Applied Physiology</i> , 2019, 127, 1742-1753.	1.2	9
101	Musclin, A Myokine Induced by Aerobic Exercise, Retards Muscle Atrophy During Cancer Cachexia in Mice. <i>Cancers</i> , 2019, 11, 1541.	1.7	45
102	Physical activity, exercise, and chronic diseases: A brief review. <i>Sports Medicine and Health Science</i> , 2019, 1, 3-10.	0.7	343
103	Dynamic enhancers control skeletal muscle identity and reprogramming. <i>PLoS Biology</i> , 2019, 17, e3000467.	2.6	34
104	Estimation of indices related to physical activity in Ukraine, Poland, and member countries of active healthy kids global alliance. <i>Human Movement</i> , 2019, 20, 79-88.	0.5	3
105	Intergenerational Metabolic Syndrome and Neuronal Network Hyperexcitability in Autism. <i>Trends in Neurosciences</i> , 2019, 42, 709-726.	4.2	25
106	Physical Activity and Brain Health. <i>Genes</i> , 2019, 10, 720.	1.0	170
107	Mechanosensitive Pathways Involved in Cardiovascular Development and Homeostasis in Zebrafish. <i>Journal of Vascular Research</i> , 2019, 56, 273-283.	0.6	14
108	Glutathione and Nitric Oxide: Key Team Players in Use and Disuse of Skeletal Muscle. <i>Nutrients</i> , 2019, 11, 2318.	1.7	40
109	A correlation between intestinal microbiota dysbiosis and osteoarthritis. <i>Heliyon</i> , 2019, 5, e01134.	1.4	68
110	Physical activity as an adjunct treatment for erectile dysfunction. <i>Nature Reviews Urology</i> , 2019, 16, 553-562.	1.9	19

#	ARTICLE	IF	CITATIONS
111	Time spent being sedentary: an emerging risk factor for poor health. <i>British Journal of General Practice</i> , 2019, 69, 278-279.	0.7	4
112	Effects of Exercise to Improve Cardiovascular Health. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 69.	1.1	171
113	Physical Activity Associated Proteomics of Skeletal Muscle: Being Physically Active in Daily Life May Protect Skeletal Muscle From Aging. <i>Frontiers in Physiology</i> , 2019, 10, 312.	1.3	70
114	Targeting White Adipose Tissue with Exercise or Bariatric Surgery as Therapeutic Strategies in Obesity. <i>Biology</i> , 2019, 8, 16.	1.3	16
115	Pharmacological AMPK activation induces transcriptional responses congruent to exercise in skeletal and cardiac muscle, adipose tissues and liver. <i>PLoS ONE</i> , 2019, 14, e0211568.	1.1	24
116	Resistance training restores metabolic alterations induced by monosodium glutamate in a sex-dependent manner in male and female rats. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 13426-13440.	1.2	9
117	A Thermogenic-Like Brown Adipose Tissue Phenotype Is Dispensable for Enhanced Glucose Tolerance in Female Mice. <i>Diabetes</i> , 2019, 68, 1717-1729.	0.3	12
118	Erectile Dysfunction: An Umbrella Review of Meta-Analyses of Risk-Factors, Treatment, and Prevalence Outcomes. <i>Journal of Sexual Medicine</i> , 2019, 16, 531-541.	0.3	59
119	The early response of β -crystallin to a single bout of aerobic exercise in mouse skeletal muscles depends upon fiber oxidative features. <i>Redox Biology</i> , 2019, 24, 101183.	3.9	26
120	Healthy aging: A bibliometric analysis of the literature. <i>Experimental Gerontology</i> , 2019, 116, 93-105.	1.2	15
121	Physiological and Molecular Adaptations to Strength Training. , 2019, , 51-73.		6
122	Exercise-linked FNDC5/irisin rescues synaptic plasticity and memory defects in Alzheimer's models. <i>Nature Medicine</i> , 2019, 25, 165-175.	15.2	511
123	Mid-portion Achilles tendinopathy in runners with metabolic disorders. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 697-703.	0.6	14
124	Mitochondria as a Target for Mitigating Sarcopenia. <i>Frontiers in Physiology</i> , 2018, 9, 1883.	1.3	96
125	Impact of a prudent lifestyle on the clinical outcomes of older men with bipolar disorder. <i>Aging and Mental Health</i> , 2020, 24, 627-633.	1.5	6
126	Correlation network analysis shows divergent effects of a long-term, high-fat diet and exercise on early stage osteoarthritis phenotypes in mice. <i>Journal of Sport and Health Science</i> , 2020, 9, 119-131.	3.3	17
127	Health-related quality of life and exercise-based cardiac rehabilitation in contemporary acute coronary syndrome patients: a systematic review and meta-analysis. <i>Quality of Life Research</i> , 2020, 29, 579-592.	1.5	52
128	Physical Activity and Genome-wide DNA Methylation: The REgistre Glron-del COR Study. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 589-597.	0.2	12

#	ARTICLE	IF	CITATIONS
129	Metabolic regulation of aging and age-related disease. <i>Ageing Research Reviews</i> , 2020, 64, 101175.	5.0	14
130	Genetic Basis of Aerobically Supported Voluntary Exercise: Results from a Selection Experiment with House Mice. <i>Genetics</i> , 2020, 216, 781-804.	1.2	15
131	Exercise Training and Vitamin C Supplementation Affects Ferritin mRNA in Leukocytes without Affecting Prooxidative/Antioxidative Balance in Elderly Women. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6469.	1.8	5
132	Skeletal Muscle Transcriptomic Comparison between Long-Term Trained and Untrained Men and Women. <i>Cell Reports</i> , 2020, 31, 107808.	2.9	39
133	An expanded repertoire of intensity-dependent exercise-responsive plasma proteins tied to loci of human disease risk. <i>Scientific Reports</i> , 2020, 10, 10831.	1.6	19
134	Exercise Ameliorates Insulin Resistance of Type 2 Diabetes through Motivating Short-Chain Fatty Acid-Mediated Skeletal Muscle Cell Autophagy. <i>Biology</i> , 2020, 9, 203.	1.3	28
135	Association between Exercise-Induced Changes in Cardiorespiratory Fitness and Adiposity among Overweight and Obese Youth: A Meta-Analysis and Meta-Regression Analysis. <i>Children</i> , 2020, 7, 147.	0.6	8
136	Exercise and immunometabolic regulation in cancer. <i>Nature Metabolism</i> , 2020, 2, 849-857.	5.1	25
137	<p>Physical Activity is a Medicine for Non-Communicable Diseases: A Survey Study Regarding the Perception of Physical Activity Impact on Health Wellbeing</p>. <i>Risk Management and Healthcare Policy</i> , 2020, Volume 13, 2949-2962.	1.2	35
138	Prioritized Research for the Prevention, Treatment, and Reversal of Chronic Disease: Recommendations From the Lifestyle Medicine Research Summit. <i>Frontiers in Medicine</i> , 2020, 7, 585744.	1.2	36
139	RANKL/RANK/OPG Pathway: A Mechanism Involved in Exercise-Induced Bone Remodeling. <i>BioMed Research International</i> , 2020, 2020, 1-11.	0.9	130
140	Redox basis of exercise physiology. <i>Redox Biology</i> , 2020, 35, 101499.	3.9	69
141	High Level of Physical Activity Reduces the Risk of Renal Progression in Hypertensive Patients. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 1669.	1.2	5
142	Soluble Epoxide Hydrolase 2 Expression Is Elevated in Obese Humans and Decreased by Physical Activity. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2056.	1.8	11
143	Housing temperature influences exercise training adaptations in mice. <i>Nature Communications</i> , 2020, 11, 1560.	5.8	52
144	Time-efficient and computer-guided sprint interval exercise training for improving health in the workplace: a randomised mixed-methods feasibility study in office-based employees. <i>BMC Public Health</i> , 2020, 20, 313.	1.2	24
145	Molecular Transducers of Physical Activity Consortium (MoTrPAC): Mapping the Dynamic Responses to Exercise. <i>Cell</i> , 2020, 181, 1464-1474.	13.5	147
146	Training protocols differently affect AMPKâPGC-1â signaling pathway and redox state in trout muscle. <i>Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology</i> , 2020, 243, 110673.	0.8	7

#	ARTICLE	IF	CITATIONS
147	Identification of Research Priorities in Exercise Oncology: A Consensus Study. <i>Journal of Cancer</i> , 2020, 11, 2702-2707.	1.2	2
148	Transcriptomic profiling of skeletal muscle adaptations to exercise and inactivity. <i>Nature Communications</i> , 2020, 11, 470.	5.8	235
149	Exercise-Released Myokines in the Control of Energy Metabolism. <i>Frontiers in Physiology</i> , 2020, 11, 91.	1.3	87
150	Effect of 8-week of dietary micronutrient supplementation on gene expression in elite handball athletes. <i>PLoS ONE</i> , 2020, 15, e0232237.	1.1	7
151	RaceRunning training improves stamina and promotes skeletal muscle hypertrophy in young individuals with cerebral palsy. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 193.	0.8	13
152	The role of extracellular vesicles in skeletal muscle and systematic adaptation to exercise. <i>Journal of Physiology</i> , 2021, 599, 845-861.	1.3	76
153	The social nature of mitochondria: Implications for human health. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 120, 595-610.	2.9	65
154	Taurine supplementation associated with exercise increases mitochondrial activity and fatty acid oxidation gene expression in the subcutaneous white adipose tissue of obese women. <i>Clinical Nutrition</i> , 2021, 40, 2180-2187.	2.3	33
155	Effect modification by cardiorespiratory fitness on the association between physical activity and cardiometabolic health in youth: A systematic review. <i>Journal of Sports Sciences</i> , 2021, 39, 845-853.	1.0	4
156	Moderate walnut consumption improved lipid profile, steroid hormones and inflammation in trained elderly men: a pilot study with a randomized controlled trial. <i>Biology of Sport</i> , 2021, 38, 245-252.	1.7	7
157	Exercise, epigenetics, and aging. , 2021, , 127-182.		1
158	Applying available knowledge and resources to alleviate familial and sporadic neurodegenerative disorders. <i>Progress in Molecular Biology and Translational Science</i> , 2021, 177, 91-107.	0.9	2
160	AMPK-dependent and -independent coordination of mitochondrial function and muscle fiber type by FNIP1. <i>PLoS Genetics</i> , 2021, 17, e1009488.	1.5	16
161	Exerciseâ€”A Panacea of Metabolic Dysregulation in Cancer: Physiological and Molecular Insights. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3469.	1.8	9
162	Effect of six weeks 1000â€”mg/day vitamin C supplementation and healthy training in elderly women on genes expression associated with the immune response - a randomized controlled trial. <i>Journal of the International Society of Sports Nutrition</i> , 2021, 18, 19.	1.7	9
163	Physical Activity in Young Adult Cancer Survivors: A Scoping Review. <i>Oncology Nursing Forum</i> , 2021, 48, 184-194.	0.5	4
164	The study of human variability became a passion. <i>European Journal of Clinical Nutrition</i> , 2021, , .	1.3	1
165	Contextualizing the biological relevance of standardized highâ€”resolution respirometry to assess mitochondrial function in permeabilized human skeletal muscle. <i>Acta Physiologica</i> , 2021, 231, e13625.	1.8	9

#	ARTICLE	IF	CITATIONS
166	Male and Female Animals Respond Differently to High-Fat Diet and Regular Exercise Training in a Mouse Model of Hyperlipidemia. <i>International Journal of Molecular Sciences</i> , 2021, 22, 4198.	1.8	17
167	Exercise Training-Induced Extracellular Matrix Protein Adaptation in Locomotor Muscles: A Systematic Review. <i>Cells</i> , 2021, 10, 1022.	1.8	15
168	Physical inactivity from youth to adulthood and adult cardiometabolic risk profile. <i>Preventive Medicine</i> , 2021, 145, 106433.	1.6	26
169	Exercise and Adipose Tissue Immunity: Outrunning Inflammation. <i>Obesity</i> , 2021, 29, 790-801.	1.5	18
170	Slotting metabolomics into routine precision medicine. <i>Expert Review of Precision Medicine and Drug Development</i> , 2021, 6, 173-187.	0.4	11
172	Impact of acute circuit training on irisin in younger and older overweight adults. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1248-1256.	0.9	4
173	Mechanical overload-induced muscle-derived extracellular vesicles promote adipose tissue lipolysis. <i>FASEB Journal</i> , 2021, 35, e21644.	0.2	44
174	A Cross-Sectional Comparison of Physical Activity during COVID-19 in a Sample of Rural and Non-Rural Participants in the US. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4991.	1.2	9
175	Alleviative Effects of Exercise on Bone Remodeling in Fluorosis Mice. <i>Biological Trace Element Research</i> , 2022, 200, 1248-1261.	1.9	8
176	Relationships between cognitive function, seizure control, and self-reported leisure-time exercise in epilepsy. <i>Epilepsy and Behavior</i> , 2021, 118, 107900.	0.9	7
177	Time trajectories in the transcriptomic response to exercise - a meta-analysis. <i>Nature Communications</i> , 2021, 12, 3471.	5.8	48
178	Network of biomarkers and their mediation effects on the associations between regular exercise and the incidence of cardiovascular & metabolic diseases. <i>Scientific Reports</i> , 2021, 11, 12802.	1.6	4
179	The Muscle-Brain Axis and Neurodegenerative Diseases: The Key Role of Mitochondria in Exercise-Induced Neuroprotection. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6479.	1.8	50
180	Exercise mimetics: harnessing the therapeutic effects of physical activity. <i>Nature Reviews Drug Discovery</i> , 2021, 20, 862-879.	21.5	55
181	Aerobic exercise, cardiorespiratory fitness, and the human hippocampus. <i>Hippocampus</i> , 2021, 31, 817-844.	0.9	26
182	The Molecular Signature of High-intensity Training in the Human Body. <i>International Journal of Sports Medicine</i> , 2022, 43, 195-205.	0.8	7
183	The Impact of Diet and Exercise on Drug Responses. <i>International Journal of Molecular Sciences</i> , 2021, 22, 7692.	1.8	21
184	The central role of mitochondrial fitness on antiviral defenses: An advocacy for physical activity during the COVID-19 pandemic. <i>Redox Biology</i> , 2021, 43, 101976.	3.9	36

#	ARTICLE	IF	CITATIONS
185	Recent advances in measuring and understanding the regulation of exercise-mediated protein degradation in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C276-C287.	2.1	14
186	Exercise Physiology From 1980 to 2020: Application of the Natural Sciences. <i>Kinesiology Review</i> , 2021, 10, 238-247.	0.4	3
187	Exercise and health: historical perspectives and new insights. <i>Journal of Applied Physiology</i> , 2021, 131, 575-588.	1.2	8
188	Muscle-secreted neurturin couples myofiber oxidative metabolism and slow motor neuron identity. <i>Cell Metabolism</i> , 2021, 33, 2215-2230.e8.	7.2	22
189	Skeletal Muscle Mitochondrial Physiology in Children With Cerebral Palsy: Considerations for Healthy Aging. <i>Frontiers in Neurology</i> , 2021, 12, 735009.	1.1	0
190	Blood mitochondrial DNA copy number: What are we counting?. <i>Mitochondrion</i> , 2021, 60, 1-11.	1.6	75
191	Renoprotection Induced by Aerobic Training Is Dependent on Nitric Oxide Bioavailability in Obese Zucker Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-17.	1.9	1
192	Stress and cancer: mechanisms, significance and future directions. <i>Nature Reviews Cancer</i> , 2021, 21, 767-785.	12.8	107
193	Co-expression analysis identifies networks of miRNAs implicated in biological ageing and modulated by short-term interval training. <i>Mechanisms of Ageing and Development</i> , 2021, 199, 111552.	2.2	3
194	The elixir of muscle activity and kinesiology in a health perspective: Evidence of worksite tailored exercise training alleviating muscle disorders. <i>Journal of Electromyography and Kinesiology</i> , 2021, 61, 102600.	0.7	9
195	Acute effect of high-intensity interval training exercise on redox status in the ovaries of rats fed a high-fat diet. <i>Reproduction, Fertility and Development</i> , 2021, 33, 713-724.	0.1	4
196	The Psychological Impacts of COVID-19 Home Confinement and Physical Activity: A Structural Equation Model Analysis. <i>Frontiers in Psychology</i> , 2020, 11, 614770.	1.1	37
197	MOTS-c is an exercise-induced mitochondrial-encoded regulator of age-dependent physical decline and muscle homeostasis. <i>Nature Communications</i> , 2021, 12, 470.	5.8	97
198	Skeletal muscle maximal mitochondrial activity in ambulatory children with cerebral palsy. <i>Developmental Medicine and Child Neurology</i> , 2021, 63, 1194-1203.	1.1	10
199	Physiological Resilience and the Impact on Health. , 2018, , 105-131.		3
200	Molecular Mechanisms Mediating Adaptation to Exercise. <i>Advances in Experimental Medicine and Biology</i> , 2020, 1228, 45-61.	0.8	5
204	Insulin Resistance in Osteoarthritis: Similar Mechanisms to Type 2 Diabetes Mellitus. <i>Journal of Nutrition and Metabolism</i> , 2020, 2020, 1-16.	0.7	17
205	Muscle-derived interleukin 6 increases exercise capacity by signaling in osteoblasts. <i>Journal of Clinical Investigation</i> , 2020, 130, 2888-2902.	3.9	75

#	ARTICLE	IF	CITATIONS
206	Histone methyltransferase MLL4 controls myofiber identity and muscle performance through MEF2 interaction. <i>Journal of Clinical Investigation</i> , 2020, 130, 4710-4725.	3.9	24
207	Metabolic Profiling of Total Physical Activity and Sedentary Behavior in Community-Dwelling Men. <i>PLoS ONE</i> , 2016, 11, e0164877.	1.1	50
208	Physical fitness and plasma leptin in women with recent gestational diabetes. <i>PLoS ONE</i> , 2017, 12, e0179128.	1.1	20
209	Leisure-time physical activity and prevalence of non-communicable pathologies and prescription medication in Spain. <i>PLoS ONE</i> , 2018, 13, e0191542.	1.1	29
210	Circulating MicroRNA Profiling Reveals Specific Subsignatures in Response to a Maximal Incremental Exercise Test. <i>Journal of Strength and Conditioning Research</i> , 2021, 35, 287-291.	1.0	7
211	Anticancer effect of physical activity is mediated by modulation of extracellular microRNA in blood. <i>Oncotarget</i> , 2020, 11, 2106-2119.	0.8	10
212	Impact of physical activity and sedentarism on hydration status and liquid intake in Spanish older adults. <i>The PHYSMED study. Nutricion Hospitalaria</i> , 2016, 33, 309.	0.2	4
213	No Pain, No Gain? Prevalence, Location, Context, and Coping Strategies with Regard to Pain Among Young German Elite Basketball Players. <i>Journal of Human Kinetics</i> , 2019, 69, 179-189.	0.7	9
214	Leisure-Time Physical Activity, but not Commuting Physical Activity, is Associated with Cardiovascular Risk among ELSA-Brasil Participants. <i>Arquivos Brasileiros De Cardiologia</i> , 2017, 110, 36-43.	0.3	21
215	Endothelial mechanotransduction in cardiovascular development and regeneration: emerging approaches and animal models. <i>Current Topics in Membranes</i> , 2021, 87, 131-151.	0.5	3
216	Grundlagen der Biogerontologie. , 2018, , 105-135.		0
217	The Endocrine Actions of Undercarboxylated Osteocalcin in Skeletal Muscle: Effects and Mechanisms. , 2019, , 145-171.		1
219	The effects of physical activity and sedentary time on the prevalence rate of metabolic syndrome and perceived stress in Korean adults. <i>Journal of Exercise Rehabilitation</i> , 2019, 15, 37-43.	0.4	2
222	Sarcopenia is Associated With Decreased Brain Volume in the General Population: A Longitudinal Cohort Study. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
223	Role and significance of asprosin in feeding behaviour and metabolism. <i>Kuban Scientific Medical Bulletin</i> , 2020, 27, 96-104.	0.1	1
224	Type 2 Diabetes Mellitus in Osteoarthritic Patients: Does Association Between Metabolic Impairments, Joint Destruction, and Pain Exist?. <i>Biochemistry (Moscow) Supplement Series B: Biomedical Chemistry</i> , 2020, 14, 87-104.	0.2	0
226	Sarcopenia is associated with decreased gray matter volume in the parietal lobe: a longitudinal cohort study. <i>BMC Geriatrics</i> , 2021, 21, 622.	1.1	12
227	Thoughts on home exercise during COVID-19. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 60, 1409-1410.	0.4	1

#	ARTICLE	IF	CITATIONS
228	Exercise Training Induces a Shift in Extracellular Redox Status with Alterations in the Pulmonary and Systemic Redox Landscape in Asthma. <i>Antioxidants</i> , 2021, 10, 1926.	2.2	5
229	Effects of Training Status and Exercise Mode on Global Gene Expression in Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12578.	1.8	4
230	Interactions between insulin and exercise. <i>Biochemical Journal</i> , 2021, 478, 3827-3846.	1.7	31
231	High-intensity training induces non-stoichiometric changes in the mitochondrial proteome of human skeletal muscle without reorganisation of respiratory chain content. <i>Nature Communications</i> , 2021, 12, 7056.	5.8	45
232	Muscle-to-Brain Signaling Via Myokines and Myometabolites. <i>Brain Plasticity</i> , 2022, 8, 43-63.	1.9	15
233	Physical activity attenuates negative effects of short-term exposure to ambient air pollution on cognitive function. <i>Environment International</i> , 2022, 160, 107070.	4.8	13
234	Hepatic LC3 II/I ratio is not modulated in exercised mice. <i>Physiological Research</i> , 2020, 69, 1103-1111.	0.4	3
235	Why Do We Care More About Disease than Health?. <i>Phenomics</i> , 2022, 2, 145-155.	0.9	23
236	Fitness, physical activity, and exercise in multiple sclerosis: a systematic review on current evidence for interactions with disease activity and progression. <i>Journal of Neurology</i> , 2022, 269, 2922-2940.	1.8	18
237	Osteocalcin and the physiology of danger. <i>FEBS Letters</i> , 2022, 596, 665-680.	1.3	7
238	Human studies of mitochondrial biology demonstrate an overall lack of binary sex differences: A multivariate meta-analysis. <i>FASEB Journal</i> , 2022, 36, e22146.	0.2	14
239	Benefícios da atividade física para a promoção da saúde dos idosos com alzheimer: uma revisão de literatura. <i>JIM - Jornal De Investigações Médicas</i> , 2022, 3, 063-071.	0.3	0
240	Alpha B-Crystallin in Muscle Disease Prevention: The Role of Physical Activity. <i>Molecules</i> , 2022, 27, 1147.	1.7	10
241	Biogenesis and function of extracellular vesicles in pathophysiological processes of skeletal muscle atrophy. <i>Biochemical Pharmacology</i> , 2022, 198, 114954.	2.0	38
243	Type, Intensity, and Duration of Exercise as Regulator of Gut Microbiome Profile. <i>Current Sports Medicine Reports</i> , 2022, 21, 84-91.	0.5	8
244	Fuerza, velocidad de marcha y tiempo de reacción en adultos mayores activos. <i>Revista Internacional De Medicina Y Ciencias De La Actividad Fisica Y Del Deporte</i> , 2022, 22, 153-167.	0.1	1
245	State of Knowledge on Molecular Adaptations to Exercise in Humans: Historical Perspectives and Future Directions. , 2022, 12, 3193-3279.		18
246	Impact of Treadmill Interval Running on the Appearance of Zinc Finger Protein FHL2 in Bone Marrow Cells in a Rat Model: A Pilot Study. <i>Life</i> , 2022, 12, 528.	1.1	1

#	ARTICLE	IF	CITATIONS
247	Cardiovascular Metrics Associated With Prevention of Aging-Related Parkinsonian Signs Following Exercise Intervention in Sedentary Older Rats. <i>Frontiers in Aging Neuroscience</i> , 2021, 13, 775355.	1.7	3
259	Association of physical activity with high-density lipoprotein functionality in a population-based cohort: the REGICOR study. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2023, 76, 86-93.	0.4	0
261	<scp>MRI</scp> characterization of skeletal muscle size and fatty infiltration in long-term trained and untrained individuals. <i>Physiological Reports</i> , 2022, 10, .	0.7	1
262	Ageing and rejuvenation of tissue stem cells and their niches. <i>Nature Reviews Molecular Cell Biology</i> , 2023, 24, 45-62.	16.1	96
263	Effects of Moderate Intensity Aerobic Exercise to FSTL-1 Regulation in Atherosclerosis: A Systematic Review. <i>International Journal of Angiology</i> , 0, .	0.2	1
264	Association of Physical Activity With Bioactive Lipids and Cardiovascular Events. <i>Circulation Research</i> , 2022, 131, .	2.0	7
265	Cellular and Molecular Regulation of Exerciseâ€”A Neuronal Perspective. <i>Cellular and Molecular Neurobiology</i> , 2023, 43, 1551-1571.	1.7	7
266	Protein Changes After 6 weeks of Walking and the Relationship to Pain in Adults with Knee Osteoarthritis. <i>Biological Research for Nursing</i> , 2023, 25, 65-75.	1.0	1
267	Role of Muscle LIM Protein in Mechanotransduction Process. <i>International Journal of Molecular Sciences</i> , 2022, 23, 9785.	1.8	4
268	From Exercise Physiology to Network Physiology of Exercise. , 0, .		3
270	Network Physiology of Exercise: Beyond Molecular and Omics Perspectives. <i>Sports Medicine - Open</i> , 2022, 8, .	1.3	10
271	Physical activity and risk of multiple sclerosis: A Mendelian randomization study. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
272	Effects of Broad-Spectrum Antibiotic Treatment or Germ-Free Status on Endurance Performance and Exercise Adaptations in Mice. <i>Medicine and Science in Sports and Exercise</i> , 2023, 55, 225-234.	0.2	1
273	An Exercise-Induced Metabolic Shield in Distant Organs Blocks Cancer Progression and Metastatic Dissemination. <i>Cancer Research</i> , 2022, 82, 4164-4178.	0.4	6
275	Scientific opportunities in resilience research for cardiovascular health and wellness. Report from a National Heart, Lung, and Blood Institute workshop. <i>FASEB Journal</i> , 2022, 36, .	0.2	4
276	The energetic cost of allostasis and allostatic load. <i>Psychoneuroendocrinology</i> , 2022, 146, 105951.	1.3	31
277	Characteristics of the Protocols Used in Electrical Pulse Stimulation of Cultured Cells for Mimicking In Vivo Exercise: A Systematic Review, Meta-Analysis, and Meta-Regression. <i>International Journal of Molecular Sciences</i> , 2022, 23, 13446.	1.8	2
278	Molecular responses to acute exercise and their relevance for adaptations in skeletal muscle to exercise training. <i>Physiological Reviews</i> , 2023, 103, 2057-2170.	13.1	51

#	ARTICLE	IF	CITATIONS
280	A microbiome-dependent gut-brain pathway regulates motivation for exercise. <i>Nature</i> , 2022, 612, 739-747.	13.7	70
281	Adaptation of the transcriptional response to resistance exercise over 4 weeks of daily training. <i>FASEB Journal</i> , 2023, 37, .	0.2	7
283	Exercise and mitochondrial remodeling to prevent age-related neurodegeneration. <i>Journal of Applied Physiology</i> , 2023, 134, 181-189.	1.2	5
284	Exercise-induced modulation of neuroinflammation in ageing. <i>Journal of Physiology</i> , 2023, 601, 2069-2083.	1.3	5
286	The molecular athlete: exercise physiology from mechanisms to medals. <i>Physiological Reviews</i> , 2023, 103, 1693-1787.	13.1	19
287	Mitochondrial modulators. , 2023, , 193-226.		0
288	Associations between Accelerometer-Measured Physical Activity and Fecal Microbiota in Adults with Overweight and Obesity. <i>Medicine and Science in Sports and Exercise</i> , 2023, 55, 680-689.	0.2	4
289	Exercise and inactivity as modifiers of β cell function and type 2 diabetes risk. <i>Journal of Applied Physiology</i> , 2023, 134, 823-839.	1.2	0
290	The relationship between physical activity and cognitive function in people with epilepsy: A systematic review. <i>Epilepsy and Behavior</i> , 2023, 142, 109170.	0.9	9
291	Physical activity for cognitive health promotion: An overview of the underlying neurobiological mechanisms. <i>Ageing Research Reviews</i> , 2023, 86, 101868.	5.0	22
292	A microbial workout. <i>Cell Host and Microbe</i> , 2023, 31, 159-160.	5.1	0
293	Circulating plasma levels of miR-106b-5p predicts maximal performance in female and male elite kayakers. <i>Frontiers in Sports and Active Living</i> , 0, 5, .	0.9	1
294	Manifold epigenetics: A conceptual model that guides engineering strategies to improve whole-body regenerative health. <i>Frontiers in Cell and Developmental Biology</i> , 0, 11, .	1.8	0
295	Association of Accelerometer-Measured Physical Activity Level With Risks of Hospitalization for 25 Common Health Conditions in UK Adults. <i>JAMA Network Open</i> , 2023, 6, e2256186.	2.8	4
296	Association between physical activity and the time course of cancer recurrence in stage III colon cancer. <i>British Journal of Sports Medicine</i> , 2023, 57, 965-971.	3.1	4
297	Diet Control and Swimming Exercise Ameliorate HFD-Induced Cognitive Impairment Related to the SIRT1-NF- κ B/PGC-1 β Pathways in ApoE-/- Mice. <i>Neural Plasticity</i> , 2023, 2023, 1-11.	1.0	0
298	Myokines: Crosstalk and Consequences on Liver Physiopathology. <i>Nutrients</i> , 2023, 15, 1729.	1.7	4
299	Plasma proteomic changes in response to exercise training are associated with cardiorespiratory fitness adaptations. <i>JCI Insight</i> , 2023, 8, .	2.3	8

#	ARTICLE	IF	CITATIONS
300	Physical activity is associated with slower epigenetic ageingâ€”Findings from the Rhineland study. <i>Aging Cell</i> , 2023, 22, .	3.0	10
301	Pyruvate-supported flux through medium-chain ketothiolase promotes mitochondrial lipid tolerance in cardiac and skeletal muscles. <i>Cell Metabolism</i> , 2023, 35, 1038-1056.e8.	7.2	8
302	How can we modulate aging through nutrition and physical exercise? An epigenetic approach. <i>Aging</i> , 0, ,.	1.4	1
316	Myokines, Measurement, and Technical Considerations. <i>NeuroMethods</i> , 2023, , 215-241.	0.2	0
324	Physiologische und molekulare Anpassungen an Krafttraining. , 2023, , 59-84.		0