

Henning Wackerhage

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,404
citations

331259

21
h-index

233125

45
g-index

47
all docs

47
docs citations

47
times ranked

4638
citing authors

#	ARTICLE	IF	CITATIONS
1	Anabolic signaling deficits underlie amino acid resistance of wasting, aging muscle. <i>FASEB Journal</i> , 2005, 19, 1-22.	0.2	968
2	Selective activation of AMPK or PKB/TSC2/mTOR signaling can explain specific adaptive responses to endurance or resistance training-like electrical muscle stimulation. <i>FASEB Journal</i> , 2005, 19, 1-23.	0.2	391
3	Control of the Size of the Human Muscle Mass. <i>Annual Review of Physiology</i> , 2004, 66, 799-828.	5.6	359
4	Stimuli and sensors that initiate skeletal muscle hypertrophy following resistance exercise. <i>Journal of Applied Physiology</i> , 2019, 126, 30-43.	1.2	180
5	The Hippo Transducer YAP1 Transforms Activated Satellite Cells and Is a Potent Effector of Embryonal Rhabdomyosarcoma Formation. <i>Cancer Cell</i> , 2014, 26, 273-287.	7.7	152
6	The Hippo pathway member Yap plays a key role in influencing fate decisions in muscle satellite cells. <i>Journal of Cell Science</i> , 2012, 125, 6009-6019.	1.2	151
7	Yap is a novel regulator of C2C12 myogenesis. <i>Biochemical and Biophysical Research Communications</i> , 2010, 393, 619-624.	1.0	128
8	Metabolite Concentration Changes in Humans After a Bout of Exercise: a Systematic Review of Exercise Metabolomics Studies. <i>Sports Medicine - Open</i> , 2020, 6, 11.	1.3	127
9	Yes-associated protein (YAP) is a negative regulator of chondrogenesis in mesenchymal stem cells. <i>Arthritis Research and Therapy</i> , 2015, 17, 147.	1.6	104
10	Common and Distinctive Functions of the Hippo Effectors Taz and Yap in Skeletal Muscle Stem Cell Function. <i>Stem Cells</i> , 2017, 35, 1958-1972.	1.4	93
11	The Hippo signal transduction network in skeletal and cardiac muscle. <i>Science Signaling</i> , 2014, 7, re4.	1.6	74
12	Constitutive Expression of Yes-Associated Protein (Yap) in Adult Skeletal Muscle Fibres Induces Muscle Atrophy and Myopathy. <i>PLoS ONE</i> , 2013, 8, e59622.	1.1	61
13	High force development augments skeletal muscle signalling in resistance exercise modes equalized for time under tension. <i>Pflügers Archiv European Journal of Physiology</i> , 2015, 467, 1343-1356.	1.3	59
14	Vgll3 operates via Tead1, Tead3 and Tead4 to influence myogenesis in skeletal muscle. <i>Journal of Cell Science</i> , 2019, 132, .	1.2	48
15	Genes Whose Gain or Loss-Of-Function Increases Skeletal Muscle Mass in Mice: A Systematic Literature Review. <i>Frontiers in Physiology</i> , 2018, 9, 553.	1.3	43
16	The Hippo effector <i>TAZ</i> (<i>WWTR1</i>) transforms myoblasts and <i>TAZ</i> abundance is associated with reduced survival in embryonal rhabdomyosarcoma. <i>Journal of Pathology</i> , 2016, 240, 3-14.	2.1	40
17	How nutrition and exercise maintain the human musculoskeletal mass. <i>Journal of Anatomy</i> , 2006, 208, 451-458.	0.9	37
18	The Hippo signal transduction network for exercise physiologists. <i>Journal of Applied Physiology</i> , 2016, 120, 1105-1117.	1.2	32

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19	The Hippo signal transduction pathway in soft tissue sarcomas. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2015, 1856, 121-129.	3.3	28
20	Signal transduction pathways that regulate muscle growth. <i>Essays in Biochemistry</i> , 2008, 44, 99-108.	2.1	26
21	Increased Skeletal Muscle 11 ^β HSD1 mRNA Is Associated with Lower Muscle Strength in Ageing. <i>PLoS ONE</i> , 2013, 8, e84057.	1.1	24
22	Novel mutations in human and mouse SCN4A implicate AMPK in myotonia and periodic paralysis. <i>Brain</i> , 2014, 137, 3171-3185.	3.7	23
23	Genes Whose Gain or Loss-of-Function Increases Endurance Performance in Mice: A Systematic Literature Review. <i>Frontiers in Physiology</i> , 2019, 10, 262.	1.3	22
24	PKM2 Determines Myofiber Hypertrophy In Vitro and Increases in Response to Resistance Exercise in Human Skeletal Muscle. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7062.	1.8	21
25	Aerosol particle emission increases exponentially above moderate exercise intensity resulting in superemission during maximal exercise. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	19
26	Genetic research and testing in sport and exercise science: A review of the issues. <i>Journal of Sports Sciences</i> , 2009, 27, 1109-1116.	1.0	18
27	Personalized, Evidence-Informed Training Plans and Exercise Prescriptions for Performance, Fitness and Health. <i>Sports Medicine</i> , 2021, 51, 1805-1813.	3.1	18
28	Physiological extremes of the human blood metabolome: A metabolomics analysis of highly glycolytic, oxidative, and anabolic athletes. <i>Physiological Reports</i> , 2021, 9, e14885.	0.7	18
29	A genetic modifier suggests that endurance exercise exacerbates Huntington's disease. <i>Human Molecular Genetics</i> , 2018, 27, 1723-1731.	1.4	17
30	Hypoxic Signaling in Skeletal Muscle Maintenance and Regeneration: A Systematic Review. <i>Frontiers in Physiology</i> , 2021, 12, 684899.	1.3	17
31	Does a Hypertrophying Muscle Fibre Reprogramme its Metabolism Similar to a Cancer Cell?. <i>Sports Medicine</i> , 2022, 52, 2569-2578.	3.1	17
32	Programmed cell death 6 interacting protein (PDCD6IP) and Rabenosynâ€5 (ZFYVE20) are potential urinary biomarkers for upper gastrointestinal cancer. <i>Proteomics - Clinical Applications</i> , 2015, 9, 586-596.	0.8	13
33	Cancer catecholamine conundrum. <i>Trends in Cancer</i> , 2022, 8, 110-122.	3.8	13
34	Analysis of the relationship between the KRAS G12V oncogene and the Hippo effector YAP1 in embryonal rhabdomyosarcoma. <i>Scientific Reports</i> , 2018, 8, 15674.	1.6	9
35	Effects of Acute and Chronic Resistance Exercise on the Skeletal Muscle Metabolome. <i>Metabolites</i> , 2022, 12, 445.	1.3	9
36	Genes controlling skeletal muscle glucose uptake and their regulation by endurance and resistance exercise. <i>Journal of Cellular Biochemistry</i> , 2022, 123, 202-214.	1.2	7

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37	Effects of a taped filter mask on peak power, perceived breathlessness, heart rate, blood lactate and oxygen saturation during a graded exercise test in young healthy adults: a randomized controlled trial. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2022, 14, 19.	0.7	7
38	A longitudinal study of muscle rehabilitation in the lower leg after cast removal using magnetic resonance imaging and strength assessment. <i>International Biomechanics</i> , 2015, 2, 101-112.	0.9	5
39	Exercise as a Potential Intervention to Modulate Cancer Outcomes in Children and Adults?. <i>Frontiers in Oncology</i> , 2020, 10, 196.	1.3	5
40	Age-related changes in the effects of strength training on lower leg muscles in healthy individuals measured using MRI. <i>BMJ Open Sport and Exercise Medicine</i> , 2017, 3, e000249.	1.4	4
41	Contributions by the Cologne group to the development of lactate exercise testing and anaerobic threshold concepts in the 1970s and 1980s. <i>Journal of Physiology</i> , 2021, 599, 1713-1714.	1.3	4
42	Maternal vitamin B ₁₂ in mice positively regulates bone, but not muscle mass and strength in post-weaning and mature offspring. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2021, 320, R984-R993.	0.9	4
43	Recovering from Eccentric Exercise: Get Weak to Become Strong. <i>Journal of Physiology</i> , 2003, 553, 681-681.	1.3	3
44	Skeletal muscle phenotyping of Hippo gene-mutated mice reveals that Lats1 deletion increases the percentage of type I muscle fibers. <i>Transgenic Research</i> , 2022, 31, 227-237.	1.3	3
45	Fusion of Normoxic- and Hypoxic-Preconditioned Myoblasts Leads to Increased Hypertrophy. <i>Cells</i> , 2022, 11, 1059.	1.8	3
46	Inside the "black box"™. , 2004, , 11-12.		0