Henning Wackerhage

List of Publications by Year
in descending order

46 papers	3,404 citations	331670 21 h-index	233421 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. FASEB Journal, 2005, 19, 1-22.	0.5	968
2	Selective activation of AMPKâ€PGCâ€1Î± or PKBâ€TSC2â€mTOR signaling can explain specific adaptive responses to endurance or resistance trainingâ€like electrical muscle stimulation. FASEB Journal, 2005, 19, 1-23.	0.5	391
3	Control of the Size of the Human Muscle Mass. Annual Review of Physiology, 2004, 66, 799-828.	13.1	359
4	Stimuli and sensors that initiate skeletal muscle hypertrophy following resistance exercise. Journal of Applied Physiology, 2019, 126, 30-43.	2.5	180
5	The Hippo Transducer YAP1 Transforms Activated Satellite Cells and Is a Potent Effector of Embryonal Rhabdomyosarcoma Formation. Cancer Cell, 2014, 26, 273-287.	16.8	152
6	The Hippo pathway member Yap plays a key role in influencing fate decisions in muscle satellite cells. Journal of Cell Science, 2012, 125, 6009-6019.	2.0	151
7	Yap is a novel regulator of C2C12 myogenesis. Biochemical and Biophysical Research Communications, 2010, 393, 619-624.	2.1	128
8	Metabolite Concentration Changes in Humans After a Bout of Exercise: a Systematic Review of Exercise Metabolomics Studies. Sports Medicine - Open, 2020, 6, 11.	3.1	127
9	Yes-associated protein (YAP) is a negative regulator of chondrogenesis in mesenchymal stem cells. Arthritis Research and Therapy, 2015, 17, 147.	3.5	104
10	Common and Distinctive Functions of the Hippo Effectors Taz and Yap in Skeletal Muscle Stem Cell Function. Stem Cells, 2017, 35, 1958-1972.	3.2	93
11	The Hippo signal transduction network in skeletal and cardiac muscle. Science Signaling, 2014, 7, re4.	3.6	74
12	Constitutive Expression of Yes-Associated Protein (Yap) in Adult Skeletal Muscle Fibres Induces Muscle Atrophy and Myopathy. PLoS ONE, 2013, 8, e59622.	2.5	61
13	High force development augments skeletal muscle signalling in resistance exercise modes equalized for time under tension. Pflugers Archiv European Journal of Physiology, 2015, 467, 1343-1356.	2.8	59
14	Vgll3 operates via Tead1, Tead3 and Tead4 to influence myogenesis in skeletal muscle. Journal of Cell Science, 2019, 132, .	2.0	48
15	Genes Whose Gain or Loss-Of-Function Increases Skeletal Muscle Mass in Mice: A Systematic Literature Review. Frontiers in Physiology, 2018, 9, 553.	2.8	43
16	The Hippo effector <scp>TAZ</scp> (<i><scp>WWTR1</scp></i>) transforms myoblasts and TAZ abundance is associated with reduced survival in embryonal rhabdomyosarcoma. Journal of Pathology, 2016, 240, 3-14.	4.5	40
17	How nutrition and exercise maintain the human musculoskeletal mass. Journal of Anatomy, 2006, 208, 451-458.	1.5	37
18	The Hippo signal transduction network for exercise physiologists. Journal of Applied Physiology, 2016, 120, 1105-1117.	2.5	32

#	Article	IF	Citations
19	The Hippo signal transduction pathway in soft tissue sarcomas. Biochimica Et Biophysica Acta: Reviews on Cancer, 2015, 1856, 121-129.	7.4	28
20	Signal transduction pathways that regulate muscle growth. Essays in Biochemistry, 2008, 44, 99-108.	4.7	26
21	Increased Skeletal Muscle 11Î²HSD1 mRNA Is Associated with Lower Muscle Strength in Ageing. PLoS ONE, 2013, 8, e84057.	2.5	24
22	Novel mutations in human and mouse SCN4A implicate AMPK in myotonia and periodic paralysis. Brain, 2014, 137, 3171-3185.	7.6	23
23	Genes Whose Gain or Loss-of-Function Increases Endurance Performance in Mice: A Systematic Literature Review. Frontiers in Physiology, 2019, 10, 262.	2.8	22
24	PKM2 Determines Myofiber Hypertrophy In Vitro and Increases in Response to Resistance Exercise in Human Skeletal Muscle. International Journal of Molecular Sciences, 2020, 21, 7062.	4.1	21
25	Aerosol particle emission increases exponentially above moderate exercise intensity resulting in superemission during maximal exercise. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	19
26	Genetic research and testing in sport and exercise science: A review of the issues. Journal of Sports Sciences, 2009, 27, 1109-1116.	2.0	18
27	Personalized, Evidence-Informed Training Plans and Exercise Prescriptions for Performance, Fitness and Health. Sports Medicine, 2021, 51, 1805-1813.	6.5	18
28	Physiological extremes of the human blood metabolome: A metabolomics analysis of highly glycolytic, oxidative, and anabolic athletes. Physiological Reports, 2021, 9, e14885.	1.7	18
29	A genetic modifier suggests that endurance exercise exacerbates Huntington's disease. Human Molecular Genetics, 2018, 27, 1723-1731.	2.9	17
30	Hypoxic Signaling in Skeletal Muscle Maintenance and Regeneration: A Systematic Review. Frontiers in Physiology, 2021, 12, 684899.	2.8	17
31	Does a Hypertrophying Muscle Fibre Reprogramme its Metabolism Similar to a Cancer Cell?. Sports Medicine, 2022, 52, 2569-2578.	6.5	17
32	Programmed cell death 6 interacting protein (PDCD6IP) and Rabenosynâ€5 (ZFYVE20) are potential urinary biomarkers for upper gastrointestinal cancer. Proteomics - Clinical Applications, 2015, 9, 586-596.	1.6	13
33	Cancer catecholamine conundrum. Trends in Cancer, 2022, 8, 110-122.	7.4	13
34	Analysis of the relationship between the KRAS G12V oncogene and the Hippo effector YAP1 in embryonal rhabdomyosarcoma. Scientific Reports, 2018, 8, 15674.	3.3	9
35	Effects of Acute and Chronic Resistance Exercise on the Skeletal Muscle Metabolome. Metabolites, 2022, 12, 445.	2.9	9
36	Genes controlling skeletal muscle glucose uptake and their regulation by endurance and resistance exercise. Journal of Cellular Biochemistry, 2022, 123, 202-214.	2.6	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. BMC Sports Science, Medicine and Rehabilitation, 2022, 14, 19.	1.7	7
38	A longitudinal study of muscle rehabilitation in the lower leg after cast removal using magnetic resonance imaging and strength assessment. International Biomechanics, 2015, 2, 101-112.	1.0	5
39	Exercise as a Potential Intervention to Modulate Cancer Outcomes in Children and Adults?. Frontiers in Oncology, 2020, 10, 196.	2.8	5
40	Age-related changes in the effects of strength training on lower leg muscles in healthy individuals measured using MRI. BMJ Open Sport and Exercise Medicine, 2017, 3, e000249.	2.9	4
41	Contributions by the Cologne group to the development of lactate exercise testing and anaerobic threshold concepts in the 1970s and 1980s. Journal of Physiology, 2021, 599, 1713-1714.	2.9	4
42	Maternal vitamin B₁₂ in mice positively regulates bone, but not muscle mass and strength in post-weaning and mature offspring. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2021, 320, R984-R993.	1.8	4
43	Recovering from Eccentric Exercise: Get Weak to Become Strong. Journal of Physiology, 2003, 553, 681-681.	2.9	3
44	Skeletal muscle phenotyping of Hippo gene-mutated mice reveals that Lats1 deletion increases the percentage of type I muscle fibers. Transgenic Research, 2022, 31, 227-237.	2.4	3
45	Fusion of Normoxic- and Hypoxic-Preconditioned Myoblasts Leads to Increased Hypertrophy. Cells, 2022, 11, 1059.	4.1	3
46	Inside the â€˜black boxâ€™. , 2004, , 11-12.		0