Gommaar D'Hulst

List of Publications by Year
in descending order

15	2,190	933447 10	996975 15
papers	citations	h-index	g-index

18	18	18	6289
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PHD1 controls muscle mTORC1 in a hydroxylation-independent manner by stabilizing leucyl tRNA synthetase. Nature Communications, 2020, 11, 174.	12.8	1,868
2	Biochemical artifacts in experiments involving repeated biopsies in the same muscle. Physiological Reports, 2014, 2, e00286.	1.7	55
3	Exercise promotes satellite cell contribution to myofibers in a load-dependent manner. Skeletal Muscle, 2020, 10, 21.	4.2	53
4	Acute environmental hypoxia induces LC3 lipidation in a genotypeâ€dependent manner. FASEB Journal, 2014, 28, 1022-1034.	0.5	48
5	Rac1 and AMPK Account for the Majority of Muscle Glucose Uptake Stimulated by Ex Vivo Contraction but Not In Vivo Exercise. Diabetes, 2017, 66, 1548-1559.	0.6	48
6	Human skeletal muscle wasting in hypoxia: a matter of hypoxic dose?. Journal of Applied Physiology, 2017, 122, 406-408.	2.5	28
7	Twin Resemblance in Muscle HIF-1Î± Responses to Hypoxia and Exercise. Frontiers in Physiology, 2016, 7, 676.	2.8	15
8	Physiological Adaptations to Hypoxic vs. Normoxic Training during Intermittent Living High. Frontiers in Physiology, 2017, 8, 347.	2.8	15
9	Fifteen days of 3,200 m simulated hypoxia marginally regulates markers for protein synthesis and degradation in human skeletal muscle. Hypoxia (Auckland, N Z), 2016, 4, 1.	1.9	13
10	Rac1 in Muscle Is Dispensable for Improved Insulin Action After Exercise in Mice. Endocrinology, 2016, 157, 3009-3015.	2.8	13
11	CRISPR/Cas9 editing of directly reprogrammed myogenic progenitors restores dystrophin expression in a mouse model of muscular dystrophy. Stem Cell Reports, 2022, 17, 321-336.	4.8	12
12	Voluntary Resistance Running as a Model to Induce mTOR Activation in Mouse Skeletal Muscle. Frontiers in Physiology, 2019, 10, 1271.	2.8	8
13	Acute systemic insulin intolerance does not alter the response of the Akt/GSK-3 pathway to environmental hypoxia in human skeletal muscle. European Journal of Applied Physiology, 2015, 115, 1219-1231.	2.5	7
14	High-intensity interval training in hypoxia does not affect muscle HIF responses to acute hypoxia in humans. European Journal of Applied Physiology, 2018, 118, 847-862.	2.5	5
15	Last Word on Viewpoint: Human skeletal muscle wasting in hypoxia: a matter of hypoxic dose?. Journal of Applied Physiology, 2017, 122, 412-413.	2.5	2