Liam C Hunt

List of Publications by Year
in descending order

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18 papers	453 citations	623734 14 h-index	839539 18 g-index
18 all docs	18 docs citations	18 times ranked	634 citing authors

#	Article	IF	Citations
1	A Key Role for the Ubiquitin Ligase UBR4 in Myofiber Hypertrophy in Drosophila and Mice. Cell Reports, 2019, 28, 1268-1281.e6.	6.4	56
2	An anti-inflammatory role for leukemia inhibitory factor receptor signaling in regenerating skeletal muscle. Histochemistry and Cell Biology, 2013, 139, 13-34.	1.7	39
3	The glucose-sensing transcription factor MLX promotes myogenesis via myokine signaling. Genes and Development, 2015, 29, 2475-2489.	5.9	38
4	Caspase-3, myogenic transcription factors and cell cycle inhibitors are regulated by leukemia inhibitory factor to mediate inhibition of myogenic differentiation. Skeletal Muscle, 2011, 1, 17.	4.2	34
5	Integrated genomic and proteomic analyses identify stimulus-dependent molecular changes associated with distinct modes of skeletal muscle atrophy. Cell Reports, 2021, 37, 109971.	6.4	32
6	Antagonistic control of myofiber size and muscle protein quality control by the ubiquitin ligase UBR4 during aging. Nature Communications, 2021, 12, 1418.	12.8	30
7	Whole-mount immunostaining of Drosophila skeletal muscle. Nature Protocols, 2013, 8, 2496-2501.	12.0	29
8	Leukemia inhibitory factor-dependent increase in myoblast cell number is associated with phosphotidylinositol 3-kinase-mediated inhibition of apoptosis and not mitosis. Experimental Cell Research, 2010, 316, 1002-1009.	2.6	27
9	Hyaluronan Synthesis and Myogenesis. Journal of Biological Chemistry, 2013, 288, 13006-13021.	3.4	25
10	The Role of Leukemia Inhibitory Factor Receptor Signaling in Skeletal Muscle Growth, Injury and Disease. Advances in Experimental Medicine and Biology, 2016, 900, 45-59.	1.6	22
11	Circadian gene variants and the skeletal muscle circadian clock contribute to the evolutionary divergence in longevity across Drosophila populations. Genome Research, 2019, 29, 1262-1276.	5.5	20
12	Tissue-specific alteration of gene expression and function by RU486 and the GeneSwitch system. Npj Aging and Mechanisms of Disease, 2019, 5, 6.	4.5	20
13	Analysis of proteostasis during aging with western blot of detergent-soluble and insoluble protein fractions. STAR Protocols, 2021, 2, 100628.	1.2	18
14	Alterations in the expression of leukemia inhibitory factor following exercise: comparisons between wild-type and mdx muscles. PLOS Currents, 2011, 3, RRN1277.	1.4	17
15	The myokine Fibcd1 is an endogenous determinant of myofiber size and mitigates cancer-induced myofiber atrophy. Nature Communications, 2022, 13, 2370.	12.8	14
16	Expression profiling in exercised mdx suggests a role for extracellular proteins in the dystrophic muscle immune response. Human Molecular Genetics, 2020, 29, 353-368.	2.9	11
17	A large-scale transgenic RNAi screen identifies transcription factors that modulate myofiber size in Drosophila. PLoS Genetics, 2021, 17, e1009926.	3.5	11
18	Age-Related Increase in Lactate Dehydrogenase Activity in Skeletal Muscle Reduces Life Span inDrosophila. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 259-267.	3.6	10