Emanuele Loro

List of Publications by Year
in descending order

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46	3,585	304743	276875
papers	citations	22 h-index	41 g-index

47	47	47	8191
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	AKT controls protein synthesis and oxidative metabolism via combined mTORC1 and FOXO1 signalling to govern muscle physiology. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 495-514.	7.3	29
2	Persistent NF-Î°B activation in muscle stem cells induces proliferation-independent telomere shortening. Cell Reports, 2021, 35, 109098.	6.4	22
3	Editorial: The Role of the Muscle Secretome in Health and Disease. Frontiers in Physiology, 2020, 11, 1101.	2.8	9
4	Genome Editing-Mediated Utrophin Upregulation in Duchenne Muscular Dystrophy Stem Cells. Molecular Therapy - Nucleic Acids, 2020, 22, 500-509.	5.1	16
5	PMO-based let-7c site blocking oligonucleotide (SBO) mediated utrophin upregulation in mdx mice, a therapeutic approach for Duchenne muscular dystrophy (DMD). Scientific Reports, 2020, 10, 21492.	3.3	8
6	Functional effects of muscle PGC-1alpha in aged animals. Skeletal Muscle, 2020, 10, 14.	4.2	29
7	Tibetan PHD2 , an allele with loss-of-function properties. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 12230-12238.	7.1	20
8	High-throughput identification of post-transcriptional utrophin up-regulators for Duchenne muscle dystrophy (DMD) therapy. Scientific Reports, 2020, 10, 2132.	3.3	22
9	Non-immunogenic utrophin gene therapy for the treatment of muscular dystrophy animal models. Nature Medicine, 2019, 25, 1505-1511.	30.7	59
10	New Insights into the Lactate Shuttle: Role of MCT4 in the Modulation of the Exercise Capacity. IScience, 2019, 22, 507-518.	4.1	22
11	Effect of Interleukin-15 Receptor Alpha Ablation on the Metabolic Responses to Moderate Exercise Simulated by in vivo Isometric Muscle Contractions. Frontiers in Physiology, 2019, 10, 1439.	2.8	5
12	The HDAC3 enzymatic activity regulates skeletal muscle fuel metabolism. Journal of Molecular Cell Biology, 2019, 11, 133-143.	3.3	37
13	Elongated Mitochondria Constrictions and fission in muscle fatigue. Journal of Cell Science, 2018, 131, .	2.0	8
14	Mitochondrial ultrastructural adaptations in fast muscles of mice lacking IL15Ra.. Journal of Cell Science, 2018, 131, .	2.0	9
15	In vitrodevelopment of engineered muscle using a scaffold based on the pressure-activated microsyringe (PAM) technique. Journal of Tissue Engineering and Regenerative Medicine, 2017, 11, 138-152.	2.7	5
16	Cyclin D1 Restrains Oncogene-Induced Autophagy by Regulating the AMPKâ€“LKB1 Signaling Axis. Cancer Research, 2017, 77, 3391-3405.	0.9	45
17	IL15RA is required for osteoblast function and bone mineralization. Bone, 2017, 103, 20-30.	2.9	37
18	Dissociation of muscle insulin sensitivity from exercise endurance in mice by HDAC3 depletion. Nature Medicine, 2017, 23, 223-234.	30.7	90

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19	In Vivo Evaluation of the Mechanical and Viscoelastic Properties of the Rat Tongue. Journal of Visualized Experiments, 2017, , .	0.3	0
20	Functional improvement of dystrophic muscle by repression of utrophin: let-7c interaction. PLoS ONE, 2017, 12, e0182676.	2.5	22
21	Loss of NAD Homeostasis Leads to Progressive and Reversible Degeneration of Skeletal Muscle. Cell Metabolism, 2016, 24, 269-282.	16.2	273
22	Pharmacotherapy to protect the neuromuscular junction after acute organophosphorus pesticide poisoning. Annals of the New York Academy of Sciences, 2016, 1374, 86-93.	3.8	22
23	Abstract B10: Cyclin D1 restrains oncogene-induced autophagy via phosphorylation of LKB1. , 2016, , .		0
24	IL-15RÎ± is a determinant of muscle fuel utilization, and its loss protects against obesity. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2015, 309, R835-R844.	1.8	31
25	Kinase-independent role of cyclin D1 in chromosomal instability and mammary tumorigenesis. Oncotarget, 2015, 6, 8525-8538.	1.8	43
26	Exercise protocol induces muscle, tendon, and bone adaptations in the rat shoulder. Muscles, Ligaments and Tendons Journal, 2014, 4, 413-9.	0.3	19
27	Cyclin D1 induction of Dicer governs microRNA processing and expression in breast cancer. Nature Communications, 2013, 4, 2812.	12.8	57
28	The nuclear receptor Rev-erbÎ± controls circadian thermogenic plasticity. Nature, 2013, 503, 410-413.	27.8	228
29	MBNL142 and MBNL143 gene isoforms, overexpressed in DM1-patient muscle, encode for nuclear proteins interacting with Src family kinases. Cell Death and Disease, 2013, 4, e770-e770.	6.3	26
30	Altered Ca2+ Homeostasis and Endoplasmic Reticulum Stress in Myotonic Dystrophy Type 1 Muscle Cells. Genes, 2013, 4, 275-292.	2.4	33
31	Cyclins and Cell Cycle Control in Cancer and Disease. Genes and Cancer, 2012, 3, 649-657.	1.9	180
32	Inhibition of Breast Tumor Stem Cells Expansion by the Endogenous Cell Fate Determination Factor Dachshund. , 2012, , 385-395.		0
33	Aberrant splicing and expression of the non muscle myosin heavy-chain gene MYH14 in DM1 muscle tissues. Neurobiology of Disease, 2012, 45, 264-271.	4.4	20
34	ChIP sequencing of cyclin D1 reveals a transcriptional role in chromosomal instability in mice. Journal of Clinical Investigation, 2012, 122, 833-843.	8.2	106
35	Examining the role of cyclin D1 in breast cancer. Future Oncology, 2011, 7, 753-765.	2.4	67
36	Molecular investigation of riboflavin-responsive multiple acyl-CoA dehydrogenase deficiency (RR-MAD) patients. Biochimica Et Biophysica Acta - Bioenergetics, 2010, 1797, 54.	1.0	0

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37	Normal myogenesis and increased apoptosis in myotonic dystrophy type-1 muscle cells. Cell Death and Differentiation, 2010, 17, 1315-1324.	11.2	74
38	Overexpression of microRNA-206 in the skeletal muscle from myotonic dystrophy type 1 patients. Journal of Translational Medicine, 2010, 8, 48.	4.4	97
39	Inhibition of mitochondrial fission favours mutant over wild-type mitochondrial DNA. Human Molecular Genetics, 2009, 18, 3407-3416.	2.9	84
40	Development and characterization of polyspecific antiâ€mitochondrion antibodies for proteomics studies on in toto tissue homogenates. Electrophoresis, 2009, 30, 1329-1341.	2.4	5
41	Autophagy Is Required to Maintain Muscle Mass. Cell Metabolism, 2009, 10, 507-515.	16.2	1,554
42	S9.7 Dominant optic atrophy caused by a novel OPA1 mutation: Disruption of the mitochondrial network with preserved bioenergetics. Biochimica Et Biophysica Acta - Bioenergetics, 2008, 1777, S56.	1.0	0
43	The CTG repeat expansion size correlates with the splicing defects observed in muscles from myotonic dystrophy type 1 patients. Journal of Medical Genetics, 2008, 45, 639-646.	3.2	51
44	A novel deletion in the GTPase domain of OPA1 causes defects in mitochondrial morphology and distribution, but not in function. Human Molecular Genetics, 2008, 17, 3291-3302.	2.9	91
45	Cultured muscle cells display defects of mitochondrial myopathy ameliorated by anti-oxidants. Brain, 2007, 130, 2715-2724.	7.6	13
46	Exercise protocol induces muscle, tendon, and bone adaptations in the rat shoulder. Muscles, Ligaments and Tendons Journal, 0, , .	0.3	15