

Emanuele Loro

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

3,585
citations

304743

22
h-index

276875

41
g-index

47
all docs

47
docs citations

47
times ranked

8191
citing authors

#	ARTICLE	IF	CITATIONS
1	Autophagy Is Required to Maintain Muscle Mass. <i>Cell Metabolism</i> , 2009, 10, 507-515.	16.2	1,554
2	Loss of NAD Homeostasis Leads to Progressive and Reversible Degeneration of Skeletal Muscle. <i>Cell Metabolism</i> , 2016, 24, 269-282.	16.2	273
3	The nuclear receptor Rev-erb α controls circadian thermogenic plasticity. <i>Nature</i> , 2013, 503, 410-413.	27.8	228
4	Cyclins and Cell Cycle Control in Cancer and Disease. <i>Genes and Cancer</i> , 2012, 3, 649-657.	1.9	180
5	ChIP sequencing of cyclin D1 reveals a transcriptional role in chromosomal instability in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 833-843.	8.2	106
6	Overexpression of microRNA-206 in the skeletal muscle from myotonic dystrophy type 1 patients. <i>Journal of Translational Medicine</i> , 2010, 8, 48.	4.4	97
7	A novel deletion in the GTPase domain of OPA1 causes defects in mitochondrial morphology and distribution, but not in function. <i>Human Molecular Genetics</i> , 2008, 17, 3291-3302.	2.9	91
8	Dissociation of muscle insulin sensitivity from exercise endurance in mice by HDAC3 depletion. <i>Nature Medicine</i> , 2017, 23, 223-234.	30.7	90
9	Inhibition of mitochondrial fission favours mutant over wild-type mitochondrial DNA. <i>Human Molecular Genetics</i> , 2009, 18, 3407-3416.	2.9	84
10	Normal myogenesis and increased apoptosis in myotonic dystrophy type-1 muscle cells. <i>Cell Death and Differentiation</i> , 2010, 17, 1315-1324.	11.2	74
11	Examining the role of cyclin D1 in breast cancer. <i>Future Oncology</i> , 2011, 7, 753-765.	2.4	67
12	Non-immunogenic utrophin gene therapy for the treatment of muscular dystrophy animal models. <i>Nature Medicine</i> , 2019, 25, 1505-1511.	30.7	59
13	Cyclin D1 induction of Dicer governs microRNA processing and expression in breast cancer. <i>Nature Communications</i> , 2013, 4, 2812.	12.8	57
14	The CTG repeat expansion size correlates with the splicing defects observed in muscles from myotonic dystrophy type 1 patients. <i>Journal of Medical Genetics</i> , 2008, 45, 639-646.	3.2	51
15	Cyclin D1 Restrains Oncogene-Induced Autophagy by Regulating the AMPK α -LKB1 Signaling Axis. <i>Cancer Research</i> , 2017, 77, 3391-3405.	0.9	45
16	Kinase-independent role of cyclin D1 in chromosomal instability and mammary tumorigenesis. <i>Oncotarget</i> , 2015, 6, 8525-8538.	1.8	43
17	IL15RA is required for osteoblast function and bone mineralization. <i>Bone</i> , 2017, 103, 20-30.	2.9	37
18	The HDAC3 enzymatic activity regulates skeletal muscle fuel metabolism. <i>Journal of Molecular Cell Biology</i> , 2019, 11, 133-143.	3.3	37

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19	Altered Ca ²⁺ Homeostasis and Endoplasmic Reticulum Stress in Myotonic Dystrophy Type 1 Muscle Cells. <i>Genes</i> , 2013, 4, 275-292.	2.4	33
20	IL-15R α is a determinant of muscle fuel utilization, and its loss protects against obesity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2015, 309, R835-R844.	1.8	31
21	Functional effects of muscle PGC-1 α in aged animals. <i>Skeletal Muscle</i> , 2020, 10, 14.	4.2	29
22	AKT controls protein synthesis and oxidative metabolism via combined mTORC1 and FOXO1 signalling to govern muscle physiology. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 495-514.	7.3	29
23	MBNL142 and MBNL143 gene isoforms, overexpressed in DM1-patient muscle, encode for nuclear proteins interacting with Src family kinases. <i>Cell Death and Disease</i> , 2013, 4, e770-e770.	6.3	26
24	Pharmacotherapy to protect the neuromuscular junction after acute organophosphorus pesticide poisoning. <i>Annals of the New York Academy of Sciences</i> , 2016, 1374, 86-93.	3.8	22
25	New Insights into the Lactate Shuttle: Role of MCT4 in the Modulation of the Exercise Capacity. <i>IScience</i> , 2019, 22, 507-518.	4.1	22
26	High-throughput identification of post-transcriptional utrophin up-regulators for Duchenne muscle dystrophy (DMD) therapy. <i>Scientific Reports</i> , 2020, 10, 2132.	3.3	22
27	Persistent NF- κ B activation in muscle stem cells induces proliferation-independent telomere shortening. <i>Cell Reports</i> , 2021, 35, 109098.	6.4	22
28	Functional improvement of dystrophic muscle by repression of utrophin: let-7c interaction. <i>PLoS ONE</i> , 2017, 12, e0182676.	2.5	22
29	Aberrant splicing and expression of the non muscle myosin heavy-chain gene MYH14 in DM1 muscle tissues. <i>Neurobiology of Disease</i> , 2012, 45, 264-271.	4.4	20
30	Tibetan <i>PHD2</i> , an allele with loss-of-function properties. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 12230-12238.	7.1	20
31	Exercise protocol induces muscle, tendon, and bone adaptations in the rat shoulder. <i>Muscles, Ligaments and Tendons Journal</i> , 2014, 4, 413-9.	0.3	19
32	Genome Editing-Mediated Utrophin Upregulation in Duchenne Muscular Dystrophy Stem Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2020, 22, 500-509.	5.1	16
33	Exercise protocol induces muscle, tendon, and bone adaptations in the rat shoulder. <i>Muscles, Ligaments and Tendons Journal</i> , 0, , .	0.3	15
34	Cultured muscle cells display defects of mitochondrial myopathy ameliorated by anti-oxidants. <i>Brain</i> , 2007, 130, 2715-2724.	7.6	13
35	Mitochondrial ultrastructural adaptations in fast muscles of mice lacking IL15Ra.. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	9
36	Editorial: The Role of the Muscle Secretome in Health and Disease. <i>Frontiers in Physiology</i> , 2020, 11, 1101.	2.8	9

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37	Elongated Mitochondria Constrictions and fission in muscle fatigue. <i>Journal of Cell Science</i> , 2018, 131, .	2.0	8
38	PMO-based let-7c site blocking oligonucleotide (SBO) mediated utrophin upregulation in mdx mice, a therapeutic approach for Duchenne muscular dystrophy (DMD). <i>Scientific Reports</i> , 2020, 10, 21492.	3.3	8
39	Development and characterization of polyspecific anti-mitochondrion antibodies for proteomics studies on <i>in toto</i> tissue homogenates. <i>Electrophoresis</i> , 2009, 30, 1329-1341.	2.4	5
40	In vitro development of engineered muscle using a scaffold based on the pressure-activated microsyringe (PAM) technique. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2017, 11, 138-152.	2.7	5
41	Effect of Interleukin-15 Receptor Alpha Ablation on the Metabolic Responses to Moderate Exercise Simulated by <i>in vivo</i> Isometric Muscle Contractions. <i>Frontiers in Physiology</i> , 2019, 10, 1439.	2.8	5
42	S9.7 Dominant optic atrophy caused by a novel OPA1 mutation: Disruption of the mitochondrial network with preserved bioenergetics. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, S56.	1.0	0
43	Molecular investigation of riboflavin-responsive multiple acyl-CoA dehydrogenase deficiency (RR-MAD) patients. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2010, 1797, 54.	1.0	0
44	Inhibition of Breast Tumor Stem Cells Expansion by the Endogenous Cell Fate Determination Factor Dachshund. , 2012, , 385-395.		0
45	<i>In Vivo</i> Evaluation of the Mechanical and Viscoelastic Properties of the Rat Tongue. <i>Journal of Visualized Experiments</i> , 2017, , .	0.3	0
46	Abstract B10: Cyclin D1 restrains oncogene-induced autophagy via phosphorylation of LKB1. , 2016, , .		0