

Chiara Mozzetta

List of Publications by Year in descending order

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38
papers

2,715
citations

304701

22
h-index

377849

34
g-index

41
all docs

41
docs citations

41
times ranked

4158
citing authors

#	ARTICLE	IF	CITATIONS
1	TNF/p38 [±] /Polycomb Signaling to Pax7 Locus in Satellite Cells Links Inflammation to the Epigenetic Control of Muscle Regeneration. <i>Cell Stem Cell</i> , 2010, 7, 455-469.	11.1	346
2	Functional and morphological recovery of dystrophic muscles in mice treated with deacetylase inhibitors. <i>Nature Medicine</i> , 2006, 12, 1147-1150.	30.7	294
3	HDAC2 blockade by nitric oxide and histone deacetylase inhibitors reveals a common target in Duchenne muscular dystrophy treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 19183-19187.	7.1	234
4	The Histone H3 Lysine 9 Methyltransferases G9a and GLP Regulate Polycomb Repressive Complex 2-Mediated Gene Silencing. <i>Molecular Cell</i> , 2014, 53, 277-289.	9.7	214
5	Fibroadipogenic progenitors mediate the ability of HDAC inhibitors to promote regeneration in dystrophic muscles of young, but not old Mdx mice. <i>EMBO Molecular Medicine</i> , 2013, 5, 626-639.	6.9	201
6	Functional Interdependence at the Chromatin Level between the MKK6/p38 and IGF1/PI3K/AKT Pathways during Muscle Differentiation. <i>Molecular Cell</i> , 2007, 28, 200-213.	9.7	174
7	Sound of silence: the properties and functions of repressive Lys methyltransferases. <i>Nature Reviews Molecular Cell Biology</i> , 2015, 16, 499-513.	37.0	161
8	Fibro-Adipogenic Progenitors Cross-Talk in Skeletal Muscle: The Social Network. <i>Frontiers in Physiology</i> , 2019, 10, 1074.	2.8	150
9	HDAC-regulated myomiRs control BAF60 variant exchange and direct the functional phenotype of fibro-adipogenic progenitors in dystrophic muscles. <i>Genes and Development</i> , 2014, 28, 841-857.	5.9	132
10	Preclinical Studies in the mdx Mouse Model of Duchenne Muscular Dystrophy with the Histone Deacetylase Inhibitor Givinostat. <i>Molecular Medicine</i> , 2013, 19, 79-87.	4.4	116
11	Chromatin regulated interchange between polycomb repressive complex 2 (PRC2)-Ezh2 and PRC2-Ezh1 complexes controls myogenin activation in skeletal muscle cells. <i>Epigenetics and Chromatin</i> , 2011, 4, 16.	3.9	113
12	Lamin A/C sustains PcG protein architecture, maintaining transcriptional repression at target genes. <i>Journal of Cell Biology</i> , 2015, 211, 533-551.	5.2	96
13	Histone Deacetylase Inhibitors in the Treatment of Muscular Dystrophies: Epigenetic Drugs for Genetic Diseases. <i>Molecular Medicine</i> , 2011, 17, 457-465.	4.4	75
14	Nitric oxide deficiency determines global chromatin changes in Duchenne muscular dystrophy. <i>FASEB Journal</i> , 2009, 23, 2131-2141.	0.5	69
15	Regenerative pharmacology in the treatment of genetic diseases: The paradigm of muscular dystrophy. <i>International Journal of Biochemistry and Cell Biology</i> , 2009, 41, 701-710.	2.8	37
16	Selective control of Pax7 expression by TNF-activated p38 [±] /polycomb repressive complex 2 (PRC2) signaling during muscle satellite cell differentiation. <i>Cell Cycle</i> , 2011, 10, 191-198.	2.6	37
17	Autocrine activation of nicotinic acetylcholine receptors contributes to Ca ²⁺ spikes in mouse myotubes during myogenesis. <i>Journal of Physiology</i> , 2005, 568, 171-180.	2.9	34
18	Histone deacetylase inhibitors: a potential epigenetic treatment for Duchenne muscular dystrophy. <i>Epigenomics</i> , 2014, 6, 547-560.	2.1	32

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19	Dysfunctional polycomb transcriptional repression contributes to lamin A/C-dependent muscular dystrophy. <i>Journal of Clinical Investigation</i> , 2020, 130, 2408-2421.	8.2	32
20	Prdm16-mediated H3K9 methylation controls fibro-adipogenic progenitors identity during skeletal muscle repair. <i>Science Advances</i> , 2021, 7, .	10.3	30
21	Functional Crosstalk Between Lysine Methyltransferases on Histone Substrates: The Case of G9A/GLP and Polycomb Repressive Complex 2. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 1365-1381.	5.4	26
22	Epigenetic regulation of Wnt7b expression by the cis-acting long noncoding RNA Lnc-Rewind in muscle stem cells. <i>ELife</i> , 2021, 10, .	6.0	23
23	Acetylcholine-induced neuronal differentiation: muscarinic receptor activation regulates EGR1 and REST expression in neuroblastoma cells. <i>Journal of Neurochemistry</i> , 2009, 108, 821-834.	3.9	21
24	The mechanisms and possible sites of acetylcholine release during chick primary sensory neuron differentiation. <i>Life Sciences</i> , 2012, 91, 783-788.	4.3	15
25	Statins interfere with the attachment of <i>S. cerevisiae</i> mtDNA to the inner mitochondrial membrane. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2020, 35, 129-138.	5.2	9
26	Synaptic alterations as a neurodevelopmental trait of Duchenne muscular dystrophy. <i>Neurobiology of Disease</i> , 2022, 168, 105718.	4.4	9
27	Challenging the "chromatin hypothesis" of cardiac laminopathies with LMNA mutant iPS cells. <i>Journal of Cell Biology</i> , 2019, 218, 2826-2828.	5.2	8
28	Epigenetic control of muscle stem cells: time for a new dimension. <i>Trends in Genetics</i> , 2022, 38, 501-513.	6.7	8
29	Isolation and Culture of Muscle Stem Cells. <i>Methods in Molecular Biology</i> , 2016, 1480, 311-322.	0.9	7
30	Editorial: Epigenetic Regulation of Stem Cell Plasticity in Tissue Regeneration and Disease. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 82.	3.7	4
31	Correction for Colussi et al., HDAC2 blockade by nitric oxide and histone deacetylase inhibitors reveals a common target in Duchenne muscular dystrophy treatment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1679-1679.	7.1	2
32	Single Myofiber Isolation and Culture from a Murine Model of Emery-Dreifuss Muscular Dystrophy in Early Post-Natal Development. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	2
33	Muscle Damage in Dystrophic mdx Mice Is Influenced by the Activity of Ca ²⁺ -Activated KCa _{3.1} Channels. <i>Life</i> , 2022, 12, 538.	2.4	2
34	Epigenetic Regulation of Muscle Stem Cells During Skeletal Muscle Regeneration and Disease. , 2019, , 309-332.		1
35	Identification and in vitro characterization of a new series of potent and highly selective G9a inhibitors as novel anti-fibro-adipogenic agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2022, 72, 128858.	2.2	1
36	T.P.2 Givinostat improves histological and functional parameters in mdx mice dose and concentration dependently. <i>Neuromuscular Disorders</i> , 2012, 22, 847.	0.6	0

#	ARTICLE	IF	CITATIONS
37	The Rna Helicase DDX5 Cooperates with EHMT2 to Sustain Alveolar Rhabdomyosarcoma Growth. SSRN Electronic Journal, 0, , .	0.4	0
38	Targeting the Expression of Long Noncoding RNAs in Murine Satellite Cells from Single Myofibers. Bio-protocol, 2021, 11, e4209.	0.4	0