giovanna Marazzi

List of Publications by Year
in descending order

37	2,353	304368	329751
papers	citations	22 h-index	37 g-index

41	41	41	3059
all docs	docs citations	times ranked	citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and characterization of a non-satellite cell muscle resident progenitor during postnatal development. Nature Cell Biology, 2010, 12, 257-266.	4.6	390
2	Fibroadipogenic progenitors mediate the ability of HDAC inhibitors to promote regeneration in dystrophic muscles of young, but not old Mdx mice. EMBO Molecular Medicine, 2013, 5, 626-639.	3.3	201
3	Msx2 Is a Transcriptional Regulator in the BMP4-Mediated Programmed Cell Death Pathway. Developmental Biology, 1997, 186, 127-138.	0.9	143
4	Defining skeletal muscle resident progenitors and their cell fate potentials. Development (Cambridge), 2013, 140, 2879-2891.	1.2	139
5	Pw1, a Novel Zinc Finger Gene Implicated in the Myogenic and Neuronal Lineages. Developmental Biology, 1996, 177, 383-396.	0.9	135
6	PW1/Peg3 expression regulates key properties that determine mesoangioblast stem cell competence. Nature Communications, 2015, 6, 6364.	5.8	120
7	Stem cells in the hood: the skeletal muscle niche. Trends in Molecular Medicine, 2012, 18, 599-606.	3.5	106
8	An Unbiased Assessment of the Role of Imprinted Genes in an Intergenerational Model of Developmental Programming. PLoS Genetics, 2012, 8, e1002605.	1.5	105
9	Muscle cachexia is regulated by a p53-PW1/Peg3-dependent pathway. Genes and Development, 2006, 20, 3440-3452.	2.7	104
10	Odd skipped-related 1 identifies a population of embryonic fibro-adipogenic progenitors regulating myogenesis during limb development. Nature Communications, 2017, 8, 1218.	5.8	95
11	TNFalpha inhibits skeletal myogenesis through a PW1-dependent pathway by recruitment of caspase pathways. EMBO Journal, 2002, 21, 631-642.	3.5	93
12	Nâ€‹<scp>WASP</scp> is required for Amphiphysinâ€‹2/<scp>BIN</scp>1â€‹dependent nuclear positioning and triad organization in skeletal muscle and is involved in the pathophysiology of centronuclear myopathy. EMBO Molecular Medicine, 2014, 6, 1455-1475.	3.3	87
13	PW1 gene/paternally expressed gene 3 (PW1/Peg3) identifies multiple adult stem and progenitor cell populations. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 11470-11475.	3.3	84
14	Five Trk Receptors in the Zebrafish. Developmental Biology, 1995, 169, 745-758.	0.9	75
15	Odd skipped-related 1 (Osr1) identifies muscle-interstitial fibro-adipogenic progenitors (FAPs) activated by acute injury. Stem Cell Research, 2018, 32, 8-16.	0.3	64
16	Modulation of Caspase Activity Regulates Skeletal Muscle Regeneration and Function in Response to Vasopressin and Tumor Necrosis Factor. PLoS ONE, 2009, 4, e5570.	1.1	39
17	Embryonic deregulation of muscle stress signaling pathways leads to altered postnatal stem cell behavior and a failure in postnatal muscle growth. Developmental Biology, 2005, 281, 171-183.	0.9	36
18	Loss of a single allele for Ku80 leads to progenitor dysfunction and accelerated aging in skeletal muscle. EMBO Molecular Medicine, 2012, 4, 910-923.	3.3	35

#	ARTICLE	IF	CITATIONS
19	Resident PW1 ⁺ Progenitor Cells Participate in Vascular Remodeling During Pulmonary Arterial Hypertension. Circulation Research, 2016, 118, 822-833.	2.0	34
20	The extraocular muscle stem cell niche is resistant to ageing and disease. Frontiers in Aging Neuroscience, 2014, 6, 328.	1.7	28
21	Anti-integrin Î±v therapy improves cardiac fibrosis after myocardial infarction by blunting cardiac PW1+ stromal cells. Scientific Reports, 2020, 10, 11404.	1.6	28
22	Accumulation of mRNAs encoding synaptic vesicle-specific proteins precedes neurite extension during early neuronal development. Developmental Dynamics, 1993, 197, 115-124.	0.8	27
23	Fibrogenic Potential of PW1/Peg3 Expressing Cardiac Stem Cells. Journal of the American College of Cardiology, 2017, 70, 728-741.	1.2	27
24	Skeletal Muscle Phenotypically Converts and Selectively Inhibits Metastatic Cells in Mice. PLoS ONE, 2010, 5, e9299.	1.1	26
25	Peg3/PW1 Is a Marker of a Subset of Vessel Associated Endothelial Progenitors. Stem Cells, 2017, 35, 1328-1340.	1.4	22
26	A Novel Mutant Allele of Pw1/Peg3 Does Not Affect Maternal Behavior or Nursing Behavior. PLoS Genetics, 2016, 12, e1006053.	1.5	22
27	Porcine Skeletal Muscle-Derived Multipotent PW1pos/Pax7negInterstitial Cells: Isolation, Characterization, and Long-Term Culture. Stem Cells Translational Medicine, 2014, 3, 702-712.	1.6	17
28	The imprinted gene Pw1/Peg3 regulates skeletal muscle growth, satellite cell metabolic state, and self-renewal. Scientific Reports, 2018, 8, 14649.	1.6	17
29	Expression Analysis of the Stem Cell Marker Pw1/Peg3 Reveals a CD34 Negative Progenitor Population in the Hair Follicle. Stem Cells, 2017, 35, 1015-1027.	1.4	13
30	Inhibition of the Activin Receptor Type-2B Pathway Restores Regenerative Capacity in Satellite Cell-Depleted Skeletal Muscle. Frontiers in Physiology, 2018, 9, 515.	1.3	11
31	Phosphotyrosine phosphatase inhibitor bisperoxovanadium endows myogenic cells with enhanced muscle stem cell functionsviaepigenetic modulation of Scaâ€1 and Pw1 promoters. FASEB Journal, 2016, 30, 1404-1415.	0.2	6
32	The zinc finger transcription factor PW1/PEG3 restrains murine beta cell cycling. Diabetologia, 2016, 59, 1474-1479.	2.9	5
33	PlateletâEDerived Growth Factor Receptor Type Î± Activation Drives Pulmonary Vascular Remodeling Via Progenitor Cell Proliferation and Induces Pulmonary Hypertension. Journal of the American Heart Association, 2022, 11, e023021.	1.6	5
34	Transplantation of Allogeneic PW1pos/Pax7neg Interstitial Cells EnhanceÂEndogenous Repair of InjuredÂPorcine Skeletal Muscle. JACC Basic To Translational Science, 2017, 2, 717-736.	1.9	4
35	FAPs are sensors for skeletal myofibre atrophy. Nature Cell Biology, 2018, 20, 864-865.	4.6	4
36	Paternally expressed gene 3 (Pw1/Peg3) promotes sexual dimorphism in metabolism and behavior. PLoS Genetics, 2022, 18, e1010003.	1.5	3

#	ARTICLE	IF	CITATIONS
37	Hypoxia promotes a perinatal-like progenitor state in the adult murine epicardium. Scientific Reports, 2022, 12, .	1.6	3