Glenda Comai

List of Publications by Year
in descending order

29 papers	575 citations	840119 11 h-index	794141 19 g-index
39 all docs	39 docs citations	39 times ranked	1039 citing authors

#	Article	IF	Citations
1	Molecular and Cellular Regulation of Skeletal Myogenesis. Current Topics in Developmental Biology, 2014, 110, 1-73.	1.0	155
2	A Cranial Mesoderm Origin for Esophagus Striated Muscles. Developmental Cell, 2015, 34, 694-704.	3.1	61
3	Variations in the Efficiency of Lineage Marking and Ablation Confound Distinctions between Myogenic Cell Populations. Developmental Cell, 2014, 31, 654-667.	3.1	47
4	Embryonic founders of adult muscle stem cells are primed by the determination gene Mrf4. Developmental Biology, 2013, 381, 241-255.	0.9	46
5	Glutathione produced byRhizobium tropiciis important to prevent early senescence in common bean nodules. FEMS Microbiology Letters, 2008, 286, 191-198.	0.7	43
6	Unexpected contribution of fibroblasts to muscle lineage as a mechanism for limb muscle patterning. Nature Communications, 2021, 12, 3851.	5.8	29
7	Expression patterns of the Wtx/Amer gene family during mouse embryonic development. Developmental Dynamics, 2010, 239, 1867-1878.	0.8	23
8	Transcriptome and epigenome diversity and plasticity of muscle stem cells following transplantation. PLoS Genetics, 2020, 16, e1009022.	1.5	22
9	Local retinoic acid signaling directs emergence of the extraocular muscle functional unit. PLoS Biology, 2020, 18, e3000902.	2.6	21
10	A distinct cardiopharyngeal mesoderm genetic hierarchy establishes antero-posterior patterning of esophagus striated muscle. ELife, 2019, 8, .	2.8	20
11	The WTX/AMER1 gene family: evolution, signature and function. BMC Evolutionary Biology, 2010, 10, 280.	3.2	19
12	Muscle-selective RUNX3 dependence of sensorimotor circuit development. Development (Cambridge), 2019, 146, .	1.2	15
13	Dullard-mediated Smad1/5/8 inhibition controls mouse cardiac neural crest cells condensation and outflow tract septation. ELife, 2020, 9, .	2.8	15
14	An interactive and intuitive visualisation method for X-ray computed tomography data of biological samples in 3D Portable Document Format. Scientific Reports, 2019, 9, 14896.	1.6	13
15	Identification of bipotent progenitors that give rise to myogenic and connective tissues in mouse. ELife, 2022, 11, .	2.8	11
16	Genetic and Molecular Insights Into Genotype-Phenotype Relationships in Osteopathia Striata With Cranial Sclerosis (OSCS) Through the Analysis of Novel Mouse Wtx Mutant Alleles. Journal of Bone and Mineral Research, 2018, 33, 875-887.	3.1	10
17	A cell fitness selection model for neuronal survival during development. Nature Communications, 2019, 10, 4137.	5.8	10
18	Dynamics of myogenic differentiation using a novel Myogenin knock-in reporter mouse. Skeletal Muscle, 2021, 11, 5.	1.9	10

#	Article	IF	Citations
19	A knockâ€in mouse line conditionally expressing the tumor suppressor WTX/AMER1. Genesis, 2017, 55, e23074.	0.8	1
20	Local retinoic acid signaling directs emergence of the extraocular muscle functional unit. , 2020, 18, e3000902.		0
21	Local retinoic acid signaling directs emergence of the extraocular muscle functional unit. , 2020, 18, e3000902.		0
22	Local retinoic acid signaling directs emergence of the extraocular muscle functional unit. , 2020, 18, e3000902.		0
23	Local retinoic acid signaling directs emergence of the extraocular muscle functional unit. , 2020, 18, e3000902.		0
24	Local retinoic acid signaling directs emergence of the extraocular muscle functional unit. , 2020, 18, e3000902.		0
25	Local retinoic acid signaling directs emergence of the extraocular muscle functional unit. , 2020, 18, e3000902.		0
26	Transcriptome and epigenome diversity and plasticity of muscle stem cells following transplantation. , 2020, 16, e1009022.		0
27	Transcriptome and epigenome diversity and plasticity of muscle stem cells following transplantation. , 2020, 16, e1009022.		0
28	Transcriptome and epigenome diversity and plasticity of muscle stem cells following transplantation. , 2020, 16, e1009022.		0
29	Transcriptome and epigenome diversity and plasticity of muscle stem cells following transplantation. , 2020, 16, e1009022.		0