Ramkumar Sambasivan

List of Publications by Year
in descending order

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25 papers	2,559 citations	471509 17 h-index	580821 25 g-index
29 all docs	29 docs citations	29 times ranked	3282 citing authors

#	Article	IF	Citations
1	Pax7-expressing satellite cells are indispensable for adult skeletal muscle regeneration. Development (Cambridge), 2011, 138, 3647-3656.	2.5	734
2	A Critical Requirement for Notch Signaling in Maintenance of the Quiescent Skeletal Muscle Stem Cell State. Stem Cells, 2012, 30, 243-252.	3.2	402
3	Distinct Regulatory Cascades Govern Extraocular and Pharyngeal Arch Muscle Progenitor Cell Fates. Developmental Cell, 2009, 16, 810-821.	7.0	323
4	An eye on the head: the development and evolution of craniofacial muscles. Development (Cambridge), 2011, 138, 2401-2415.	2.5	177
5	Skeletal muscle stem cell birth and properties. Seminars in Cell and Developmental Biology, 2007, 18, 870-882.	5.0	112
6	Cell-autonomous Notch activity maintains the temporal specification potential of skeletal muscle stem cells. Development (Cambridge), 2012, 139, 4536-4548.	2.5	112
7	MLL5, a trithorax homolog, indirectly regulates H3K4 methylation, represses cyclin A2 expression, and promotes myogenic differentiation. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 4719-4724.	7.1	109
8	Myf5 haploinsufficiency reveals distinct cell fate potentials for adult skeletal muscle stem cells. Journal of Cell Science, 2012, 125, 1738-49.	2.0	72
9	A Cranial Mesoderm Origin for Esophagus Striated Muscles. Developmental Cell, 2015, 34, 694-704.	7.0	61
10	Tristetraprolin and LPS-inducible CXC chemokine are rapidly induced in presumptive satellite cells in response to skeletal muscle injury. Journal of Cell Science, 2002, 115, 2701-2712.	2.0	58
11	Adult Skeletal Muscle Stem Cells. Results and Problems in Cell Differentiation, 2015, 56, 191-213.	0.7	57
12	Tristetraprolin and LPS-inducible CXC chemokine are rapidly induced in presumptive satellite cells in response to skeletal muscle injury. Journal of Cell Science, 2002, 115, 2701-12.	2.0	49
13	Variations in the Efficiency of Lineage Marking and Ablation Confound Distinctions between Myogenic Cell Populations. Developmental Cell, 2014, 31, 654-667.	7.0	47
14	Embryonic founders of adult muscle stem cells are primed by the determination gene Mrf4. Developmental Biology, 2013, 381, 241-255.	2.0	46
15	The small chromatin-binding protein p8 coordinates the association of anti-proliferative and pro-myogenic proteins at the myogenin promoter. Journal of Cell Science, 2009, 122, 3481-3491.	2.0	44
16	Co-expression of Tbx6 and Sox2 identifies a novel transient neuromesoderm progenitor cell state. Development (Cambridge), 2017, 144, 4522-4529.	2.5	41
17	Comparison of multiple transcriptomes exposes unified and divergent features of quiescent and activated skeletal muscle stem cells. Skeletal Muscle, 2017, 7, 28.	4.2	29
18	Neuromesodermal Progenitors: A Basis for Robust Axial Patterning in Development and Evolution. Frontiers in Cell and Developmental Biology, 2020, 8, 607516.	3.7	21

#	Article	IF	Citations
19	A gene-trap strategy identifies quiescence-induced genes in synchronized myoblasts. Journal of Biosciences, 2008, 33, 27-44.	1.1	17
20	Infectivity of adeno-associated virus serotypes in mouse testis. BMC Biotechnology, 2018, 18, 70.	3.3	16
21	Divergent early mesoderm specification underlies distinct head and trunk muscle programmes in vertebrates. Development (Cambridge), 2018, 145, .	2.5	14
22	Vertebrate cranial mesoderm: developmental trajectory and evolutionary origin. Cellular and Molecular Life Sciences, 2020, 77, 1933-1945.	5.4	11
23	Modulation of Î²â€catenin levels regulates cranial neural crest patterning and dispersal into first pharyngeal arch. Developmental Dynamics, 2020, 249, 1347-1364.	1.8	2
24	Characterization of new variant human ES line V H9 hESC (INSTEMe001-a): a tool for human stem cell and cancer research. Stem Cell Research, 2019, 37, 101444.	0.7	0
25	Myf5 haploinsufficiency reveals distinct cell fate potentials for adult skeletal muscle stem cells. Development (Cambridge), 2012, 139, e1208-e1208.	2.5	0