

Jerome Chal

List of Publications by Year in descending order

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12
papers

1,791
citations

840776

11
h-index

1281871

11
g-index

17
all docs

17
docs citations

17
times ranked

2530
citing authors

#	ARTICLE	IF	CITATIONS
1	Making muscle: skeletal myogenesis <i>in vivo</i> and <i>in vitro</i> . <i>Development (Cambridge)</i> , 2017, 144, 2104-2122.	2.5	577
2	Differentiation of pluripotent stem cells to muscle fiber to model Duchenne muscular dystrophy. <i>Nature Biotechnology</i> , 2015, 33, 962-969.	17.5	339
3	Generation of human muscle fibers and satellite-like cells from human pluripotent stem cells <i>in vitro</i> . <i>Nature Protocols</i> , 2016, 11, 1833-1850.	12.0	215
4	Control of the segmentation process by graded MAPK/ERK activation in the chick embryo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 11343-11348.	7.1	165
5	A Gradient of Glycolytic Activity Coordinates FGF and Wnt Signaling during Elongation of the Body Axis in Amniote Embryos. <i>Developmental Cell</i> , 2017, 40, 342-353.e10.	7.0	156
6	Oscillations of the Snail Genes in the Presomitic Mesoderm Coordinate Segmental Patterning and Morphogenesis in Vertebrate Somitogenesis. <i>Developmental Cell</i> , 2006, 10, 355-366.	7.0	138
7	The Lin28/let-7 Pathway Regulates the Mammalian Caudal Body Axis Elongation Program. <i>Developmental Cell</i> , 2019, 48, 396-405.e3.	7.0	60
8	Recapitulating early development of mouse musculoskeletal precursors of the paraxial mesoderm <i>in vitro</i> . <i>Development (Cambridge)</i> , 2018, 145, .	2.5	53
9	Prednisolone rescues Duchenne muscular dystrophy phenotypes in human pluripotent stem cell-derived skeletal muscle <i>in vitro</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	32
10	<i>PAPC</i> couples the segmentation clock to somite morphogenesis by regulating N-cadherin dependent adhesion. <i>Development (Cambridge)</i> , 2017, 144, 664-676.	2.5	27
11	The Long Road to Making Muscle <i>In Vitro</i> . <i>Current Topics in Developmental Biology</i> , 2018, 129, 123-142.	2.2	24
12	<i>PAPC</i> couples the segmentation clock to somite morphogenesis by regulating N-cadherin-dependent adhesion. <i>Journal of Cell Science</i> , 2017, 130, e1.1-e1.1.	2.0	0