

Bertrand BÃ©nazar

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

852
citations

759233

12
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

1047
citing authors

#	ARTICLE	IF	CITATIONS
1	A random cell motility gradient downstream of FGF controls elongation of an amniote embryo. <i>Nature</i> , 2010, 466, 248-252.	27.8	289
2	Formation and Segmentation of the Vertebrate Body Axis. <i>Annual Review of Cell and Developmental Biology</i> , 2013, 29, 1-26.	9.4	133
3	Specific regulation of cyclins D1 and D2 by FGF and Shh signaling coordinates cell cycle progression, patterning, and differentiation during early steps of spinal cord development. <i>Developmental Biology</i> , 2004, 273, 195-209.	2.0	81
4	Mechanical Coupling Coordinates the Co-elongation of Axial and Paraxial Tissues in Avian Embryos. <i>Developmental Cell</i> , 2020, 55, 354-366.e5.	7.0	65
5	Multiscale quantification of tissue behavior during amniote embryo axis elongation. <i>Development (Cambridge)</i> , 2017, 144, 4462-4472.	2.5	60
6	Transgenic quail to dynamically image amniote embryogenesis. <i>Development (Cambridge)</i> , 2015, 142, 2850-9.	2.5	50
7	Sulfatase 1 Promotes the Motor Neuron-to-Oligodendrocyte Fate Switch by Activating Shh Signaling in Olig2 Progenitors of the Embryonic Ventral Spinal Cord. <i>Journal of Neuroscience</i> , 2012, 32, 18018-18034.	3.6	47
8	Identification of an unexpected link between the Shh pathway and a G2/M regulator, the phosphatase CDC25B. <i>Developmental Biology</i> , 2006, 294, 133-147.	2.0	37
9	A subtractive approach to characterize genes with regionalized expression in the gliogenic ventral neuroepithelium: identification of chick Sulfatase 1 as a new oligodendrocyte lineage gene. <i>Molecular and Cellular Neurosciences</i> , 2004, 25, 612-628.	2.2	27
10	Cell-to-cell heterogeneity in Sox2 and Bra expression guides progenitor motility and destiny. <i>ELife</i> , 2021, 10, .	6.0	18
11	Cell intercalation driven by SMAD3 underlies secondary neural tube formation. <i>Developmental Cell</i> , 2021, 56, 1147-1163.e6.	7.0	17
12	Force-generating apoptotic cells orchestrate avian neural tube bending. <i>Developmental Cell</i> , 2022, 57, 707-718.e6.	7.0	17
13	Dynamics and mechanisms of posterior axis elongation in the vertebrate embryo. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 89-98.	5.4	5
14	In Vivo Analysis of the Mesenchymal-to-Epithelial Transition During Chick Secondary Neurulation. <i>Methods in Molecular Biology</i> , 2021, 2179, 183-197.	0.9	4
15	Developmental Biology: Cell Intercalation One Step beyond. <i>Current Biology</i> , 2008, 18, R119-R121.	3.9	1