

Fengzhu Xiong

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

948
citations

840776

11
h-index

1125743

13
g-index

19
all docs

19
docs citations

19
times ranked

1484
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanics of neural tube morphogenesis. <i>Seminars in Cell and Developmental Biology</i> , 2022, 130, 56-69.	5.0	8
2	Generation, Transmission, and Regulation of Mechanical Forces in Embryonic Morphogenesis. <i>Small</i> , 2021, , 2103466.	10.0	5
3	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
4	Intracellular pH controls WNT downstream of glycolysis in amniote embryos. <i>Nature</i> , 2020, 584, 98-101.	27.8	95
5	Mechanics of Anteroposterior Axis Formation in Vertebrates. <i>Annual Review of Cell and Developmental Biology</i> , 2019, 35, 259-283.	9.4	43
6	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
7	Abstracting the principles of development using imaging and modeling. <i>Integrative Biology (United Tj ETQq1 1 0.784314 rgBT /Overl</i>	1.3	13
8	Multibow: Digital Spectral Barcodes for Cell Tracing. <i>PLoS ONE</i> , 2015, 10, e0127822.	2.5	15
9	Interplay of Cell Shape and Division Orientation Promotes Robust Morphogenesis of Developing Epithelia. <i>Cell</i> , 2014, 159, 415-427.	28.9	108
10	Specified Neural Progenitors Sort to Form Sharp Domains after Noisy Shh Signaling. <i>Cell</i> , 2013, 153, 550-561.	28.9	147
11	Attenuation of Notch and Hedgehog Signaling Is Required for Fate Specification in the Spinal Cord. <i>PLoS Genetics</i> , 2012, 8, e1002762.	3.5	76
12	ACME: Automated Cell Morphology Extractor for Comprehensive Reconstruction of Cell Membranes. <i>PLoS Computational Biology</i> , 2012, 8, e1002780.	3.2	111
13	Nanog-like Regulates Endoderm Formation through the Mxtx2-Nodal Pathway. <i>Developmental Cell</i> , 2012, 22, 625-638.	7.0	95