

List of Publications by Year in descending order

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14
papers

871
citations

1040056

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h-index

1058476

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g-index

15
all docs

15
docs citations

15
times ranked

1100
citing authors

#	ARTICLE	IF	CITATIONS
1	On the role of mechanics in driving mesenchymal-to-epithelial transitions. <i>Seminars in Cell and Developmental Biology</i> , 2017, 67, 113-122.	5.0	54
2	Spatiotemporally Controlled Mechanical Cues Drive Progenitor Mesenchymal-to-Epithelial Transition Enabling Proper Heart Formation and Function. <i>Current Biology</i> , 2017, 27, 1326-1335.	3.9	24
3	Localized Smooth Muscle Differentiation Is Essential for Epithelial Bifurcation during Branching Morphogenesis of the Mammalian Lung. <i>Developmental Cell</i> , 2015, 34, 719-726.	7.0	145
4	Apical constriction initiates new bud formation during monopodial branching of the embryonic chicken lung. <i>Development (Cambridge)</i> , 2013, 140, 3146-3155.	2.5	105
5	Investigating Morphogenesis in <i>Xenopus</i> Embryos: Imaging Strategies, Processing, and Analysis. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.top073890.	0.3	10
6	Preparation and Use of Reporter Constructs for Imaging Morphogenesis in <i>Xenopus</i> Embryos. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.prot073866-pdb.prot073866.	0.3	4
7	Microsurgical Approaches to Isolate Tissues from <i>Xenopus</i> Embryos for Imaging Morphogenesis. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.prot073874-pdb.prot073874.	0.3	7
8	Assembly of Chambers for Stable Long-Term Imaging of Live <i>Xenopus</i> Tissue. <i>Cold Spring Harbor Protocols</i> , 2013, 2013, pdb.prot073882-pdb.prot073882.	0.3	6
9	Extracellular matrix and cytoskeletal dynamics during branching morphogenesis. <i>Organogenesis</i> , 2012, 8, 56-64.	1.2	66
10	Microscopy Tools for Quantifying Developmental Dynamics in <i>Xenopus</i> Embryos. <i>Methods in Molecular Biology</i> , 2012, 917, 477-493.	0.9	7
11	Punctuated actin contractions during convergent extension and their permissive regulation by the non-canonical Wnt-signaling pathway. <i>Journal of Cell Science</i> , 2011, 124, 635-646.	2.0	130
12	Emergent morphogenesis: Elastic mechanics of a self-deforming tissue. <i>Journal of Biomechanics</i> , 2010, 43, 63-70.	2.1	55
13	Macroscopic stiffening of embryonic tissues via microtubules, RhoGEF and the assembly of contractile bundles of actomyosin. <i>Development (Cambridge)</i> , 2010, 137, 2785-2794.	2.5	63
14	Actomyosin stiffens the vertebrate embryo during crucial stages of elongation and neural tube closure. <i>Development (Cambridge)</i> , 2009, 136, 677-688.	2.5	193