List of Publications by Year in descending order

14 papers	871 citations	1040056 9 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	1100 citing authors

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