

# David R Shook

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2457339/publications.pdf>

Version: 2024-02-01

12  
papers

1,931  
citations

840776

11  
h-index

1199594

12  
g-index

16  
all docs

16  
docs citations

16  
times ranked

2008  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms, mechanics and function of epithelial-mesenchymal transitions in early development. <i>Mechanisms of Development</i> , 2003, 120, 1351-1383.	1.7	497
2	Mechanisms of convergence and extension by cell intercalation. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2000, 355, 897-922.	4.0	446
3	How we are shaped: The biomechanics of gastrulation. <i>Differentiation</i> , 2003, 71, 171-205.	1.9	407
4	The forces that shape embryos: physical aspects of convergent extension by cell intercalation. <i>Physical Biology</i> , 2008, 5, 015007.	1.8	137
5	Pattern and morphogenesis of presumptive superficial mesoderm in two closely related species, <i>Xenopus laevis</i> and <i>Xenopus tropicalis</i> . <i>Developmental Biology</i> , 2004, 270, 163-185.	2.0	114
6	Mechanical Strain Determines the Axis of Planar Polarity in Ciliated Epithelia. <i>Current Biology</i> , 2015, 25, 2774-2784.	3.9	103
7	Molecular model for force production and transmission during vertebrate gastrulation. <i>Development (Cambridge)</i> , 2016, 143, 715-727.	2.5	58
8	Epithelial type, ingression, blastopore architecture and the evolution of chordate mesoderm morphogenesis. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2008, 310B, 85-110.	1.3	50
9	Large, long range tensile forces drive convergence during <i>Xenopus</i> blastopore closure and body axis elongation. <i>ELife</i> , 2018, 7, .	6.0	50
10	Urodeles Remove Mesoderm from the Superficial Layer by Subduction through a Bilateral Primitive Streak. <i>Developmental Biology</i> , 2002, 248, 220-239.	2.0	42
11	Morphogenic machines evolve more rapidly than the signals that pattern them: lessons from amphibians. <i>Journal of Experimental Zoology Part B: Molecular and Developmental Evolution</i> , 2008, 310B, 111-135.	1.3	18
12	Characterization of convergent thickening, a major convergence force producing morphogenic movement in amphibians. <i>ELife</i> , 2022, 11, .	6.0	6