

Alexander Aulehla

List of Publications by Citations

Source: <https://exaly.com/author-pdf/8850578/alexander-aulehla-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14
papers

1,429
citations

10
h-index

20
g-index

20
ext. papers

1,731
ext. citations

18.1
avg, IF

4.67
L-index

#	Paper	IF	Citations
14	Wnt3a plays a major role in the segmentation clock controlling somitogenesis. <i>Developmental Cell</i> , 2003 , 4, 395-406	10.2	485
13	A beta-catenin gradient links the clock and wavefront systems in mouse embryo segmentation. <i>Nature Cell Biology</i> , 2008 , 10, 186-93	23.4	231
12	Signaling gradients during paraxial mesoderm development. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010 , 2, a000869	10.2	162
11	Scaling of embryonic patterning based on phase-gradient encoding. <i>Nature</i> , 2013 , 493, 101-5	50.4	134
10	Oscillating signaling pathways during embryonic development. <i>Current Opinion in Cell Biology</i> , 2008 , 20, 632-7	9	90
9	Modulation of Phase Shift between Wnt and Notch Signaling Oscillations Controls Mesoderm Segmentation. <i>Cell</i> , 2018 , 172, 1079-1090.e12	56.2	89
8	Self-Organization of Embryonic Genetic Oscillators into Spatiotemporal Wave Patterns. <i>Cell</i> , 2016 , 164, 656-67	56.2	79
7	Revisiting the role of metabolism during development. <i>Development (Cambridge)</i> , 2018 , 145,	6.6	66
6	Spatiotemporal Analysis of a Glycolytic Activity Gradient Linked to Mouse Embryo Mesoderm Development. <i>Developmental Cell</i> , 2017 , 40, 331-341.e4	10.2	52
5	Dynamic signal encoding--from cells to organisms. <i>Seminars in Cell and Developmental Biology</i> , 2014 , 34, 91-8	7.5	28
4	More than patterning--Hox genes and the control of posterior axial elongation. <i>Developmental Cell</i> , 2009 , 17, 439-40	10.2	4
3	Endogenous protein tagging in medaka using a simplified CRISPR/Cas9 knock-in approach. <i>ELife</i> , 2021 , 10,	8.9	4
2	Metabolic Control of Cellular Differentiation. <i>Developmental Cell</i> , 2016 , 39, 286-287	10.2	2
1	Metabolic decisions in development and disease-a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021 ,	6.5	1