

Alexander Aulehla

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

1,926
citations

840119

11
h-index

996533

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g-index

20
all docs

20
docs citations

20
times ranked

1935
citing authors

#	ARTICLE	IF	CITATIONS
1	Wnt3a Plays a Major Role in the Segmentation Clock Controlling Somitogenesis. <i>Developmental Cell</i> , 2003, 4, 395-406.	3.1	544
2	A β -catenin gradient links the clock and wavefront systems in mouse embryo segmentation. <i>Nature Cell Biology</i> , 2008, 10, 186-193.	4.6	286
3	Signaling Gradients during Paraxial Mesoderm Development. <i>Cold Spring Harbor Perspectives in Biology</i> , 2010, 2, a000869-a000869.	2.3	205
4	Scaling of embryonic patterning based on phase-gradient encoding. <i>Nature</i> , 2013, 493, 101-105.	13.7	173
5	Modulation of Phase Shift between Wnt and Notch Signaling Oscillations Controls Mesoderm Segmentation. <i>Cell</i> , 2018, 172, 1079-1090.e12.	13.5	155
6	Revisiting the role of metabolism during development. <i>Development (Cambridge)</i> , 2018, 145, .	1.2	136
7	Self-Organization of Embryonic Genetic Oscillators into Spatiotemporal Wave Patterns. <i>Cell</i> , 2016, 164, 656-667.	13.5	119
8	Spatiotemporal Analysis of a Glycolytic Activity Gradient Linked to Mouse Embryo Mesoderm Development. <i>Developmental Cell</i> , 2017, 40, 331-341.e4.	3.1	107
9	Oscillating signaling pathways during embryonic development. <i>Current Opinion in Cell Biology</i> , 2008, 20, 632-637.	2.6	106
10	Dynamic signal encodingâ€”From cells to organisms. <i>Seminars in Cell and Developmental Biology</i> , 2014, 34, 91-98.	2.3	42
11	Endogenous protein tagging in medaka using a simplified CRISPR/Cas9 knock-in approach. <i>ELife</i> , 2021, 10, .	2.8	20
12	Imaging the onset of oscillatory signaling dynamics during mouse embryo gastrulation. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	16
13	Metabolic decisions in development and diseaseâ€”a Keystone Symposia report. <i>Annals of the New York Academy of Sciences</i> , 2021, 1506, 55-73.	1.8	6
14	More Than Patterningâ€”Hox Genes and the Control of Posterior Axial Elongation. <i>Developmental Cell</i> , 2009, 17, 439-440.	3.1	4
15	Metabolic Control of Cellular Differentiation. <i>Developmental Cell</i> , 2016, 39, 286-287.	3.1	4