Alexander Aulehla

List of Publications by Year in Descending Order

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