Shawn C Little

List of Publications by Year
in descending order

28 papers	1,901 citations	394421 19 h-index	526287 27 g-index
33 all docs	33 docs citations	33 times ranked	2216 citing authors

#	Article	IF	Citations
1	Precise Developmental Gene Expression Arises from Globally Stochastic Transcriptional Activity. Cell, 2013, 154, 789-800.	28.9	253
2	Bone morphogenetic protein heterodimers assemble heteromeric type I receptor complexes to pattern the dorsoventral axis. Nature Cell Biology, 2009, 11, 637-643.	10.3	217
3	The fibrodysplasia ossificans progressiva R206H ACVR1 mutation activates BMP-independent chondrogenesis and zebrafish embryo ventralization. Journal of Clinical Investigation, 2009, 119, 3462-72.	8.2	178
4	The Formation of the Bicoid Morphogen Gradient Requires Protein Movement from Anteriorly Localized mRNA. PLoS Biology, 2011, 9, e1000596.	5.6	159
5	Independent and coordinate trafficking of single Drosophila germ plasm mRNAs. Nature Cell Biology, 2015, 17, 558-568.	10.3	147
6	Diverse Spatial Expression Patterns Emerge from Unified Kinetics of Transcriptional Bursting. Cell, 2018, 175, 835-847.e25.	28.9	117
7	Extracellular modulation of BMP activity in patterning the dorsoventral axis. Birth Defects Research Part C: Embryo Today Reviews, 2006, 78, 224-242.	3.6	97
8	Oncogenic Notch Promotes Long-Range Regulatory Interactions within Hyperconnected 3D Cliques. Molecular Cell, 2019, 73, 1174-1190.e12.	9.7	83
9	Functional analysis of the Bacillus subtilis morphogenetic spore coat protein CotE. Molecular Microbiology, 2001, 42, 1107-1120.	2.5	71
10	The pro-BMP activity of Twisted gastrulation is independent of BMP binding. Development (Cambridge), 2003, 130, 4047-4056.	2.5	65
11	Twisted gastrulation promotes BMP signaling in zebrafish dorsal-ventral axial patterning. Development (Cambridge), 2004, 131, 5825-5835.	2.5	58
12	The embryo as a laboratory: quantifying transcription in Drosophila. Trends in Genetics, 2014, 30, 364-375.	6.7	54
13	Spatiotemporal Patterning of Zygotic Genome Activation in a Model Vertebrate Embryo. Developmental Cell, 2019, 49, 852-866.e7.	7.0	54
14	Functional Regions of the Bacillus subtilis Spore Coat Morphogenetic Protein CotE. Journal of Bacteriology, 1999, 181, 7043-7051.	2.2	50
15	Social reprogramming in ants induces longevity-associated glia remodeling. Science Advances, 2020, 6, eaba9869.	10.3	46
16	Maternal Origins of Developmental Reproducibility. Current Biology, 2014, 24, 1283-1288.	3.9	42
17	Genetic Variation in Type 1 Diabetes Reconfigures the 3D Chromatin Organization of T Cells and Alters Gene Expression. Immunity, 2020, 52, 257-274.e11.	14.3	42
18	p53 mediates target gene association with nuclear speckles for amplified RNA expression. Molecular Cell, 2021, 81, 1666-1681.e6.	9.7	41

#	Article	IF	Citations
19	Chromatin targeting of nuclear pore proteins induces chromatin decondensation. Journal of Cell Biology, 2019, 218, 2945-2961.	5.2	31
20	BMP heterodimers signal via distinct type I receptor class functions. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	28
21	Single mRNA Molecule Detection in Drosophila. Methods in Molecular Biology, 2018, 1649, 127-142.	0.9	21
22	Only accessible information is useful: insights from gradient-mediated patterning. Royal Society Open Science, 2015, 2, 150486.	2.4	14
23	Correct dosage of X chromosome transcription is controlled by a nuclear pore component. Cell Reports, 2021, 35, 109236.	6.4	12
24	Shifting Patterns: Merging Molecules, Morphogens, Motility, and Methodology. Developmental Cell, 2011, 21, 2-4.	7.0	8
25	Nup98-dependent transcriptional memory is established independently of transcription. ELife, 2022, 11, .	6.0	8
26	Sorting Sloppy Sonic. Cell, 2013, 153, 509-510.	28.9	1
27	Preparation of Drosophila Polytene Chromosomes, Followed by Immunofluorescence Analysis of Chromatin Structure by Multi-fluorescence Correlations. Bio-protocol, 2020, 10, e3673.	0.4	1
28	Using Single Molecule RNA FISH to Determine Nuclear Export and Transcription Phenotypes in Drosophila Tissues. Methods in Molecular Biology, 2022, 2502, 113-125.	0.9	1