

Shawn C Little

List of Publications by Year in descending order

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Version: 2024-02-01

28
papers

1,901
citations

394286

19
h-index

526166

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. <i>Cell</i> , 2013, 154, 789-800.	13.5	253
2	Bone morphogenetic protein heterodimers assemble heteromeric type I receptor complexes to pattern the dorsoventral axis. <i>Nature Cell Biology</i> , 2009, 11, 637-643.	4.6	217
3	The fibrodysplasia ossificans progressiva R206H ACVR1 mutation activates BMP-independent chondrogenesis and zebrafish embryo ventralization. <i>Journal of Clinical Investigation</i> , 2009, 119, 3462-72.	3.9	178
4	The Formation of the Bicoid Morphogen Gradient Requires Protein Movement from Anteriorly Localized mRNA. <i>PLoS Biology</i> , 2011, 9, e1000596.	2.6	159
5	Independent and coordinate trafficking of single <i>Drosophila</i> germ plasm mRNAs. <i>Nature Cell Biology</i> , 2015, 17, 558-568.	4.6	147
6	Diverse Spatial Expression Patterns Emerge from Unified Kinetics of Transcriptional Bursting. <i>Cell</i> , 2018, 175, 835-847.e25.	13.5	117
7	Extracellular modulation of BMP activity in patterning the dorsoventral axis. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2006, 78, 224-242.	3.6	97
8	Oncogenic Notch Promotes Long-Range Regulatory Interactions within Hyperconnected 3D Cliques. <i>Molecular Cell</i> , 2019, 73, 1174-1190.e12.	4.5	83
9	Functional analysis of the <i>Bacillus subtilis</i> morphogenetic spore coat protein CotE. <i>Molecular Microbiology</i> , 2001, 42, 1107-1120.	1.2	71
10	The pro-BMP activity of Twisted gastrulation is independent of BMP binding. <i>Development (Cambridge)</i> , 2003, 130, 4047-4056.	1.2	65
11	Twisted gastrulation promotes BMP signaling in zebrafish dorsal-ventral axial patterning. <i>Development (Cambridge)</i> , 2004, 131, 5825-5835.	1.2	58
12	The embryo as a laboratory: quantifying transcription in <i>Drosophila</i> . <i>Trends in Genetics</i> , 2014, 30, 364-375.	2.9	54
13	Spatiotemporal Patterning of Zygotic Genome Activation in a Model Vertebrate Embryo. <i>Developmental Cell</i> , 2019, 49, 852-866.e7.	3.1	54
14	Functional Regions of the <i>Bacillus subtilis</i> Spore Coat Morphogenetic Protein CotE. <i>Journal of Bacteriology</i> , 1999, 181, 7043-7051.	1.0	50
15	Social reprogramming in ants induces longevity-associated glia remodeling. <i>Science Advances</i> , 2020, 6, eaba9869.	4.7	46
16	Maternal Origins of Developmental Reproducibility. <i>Current Biology</i> , 2014, 24, 1283-1288.	1.8	42
17	Genetic Variation in Type 1 Diabetes Reconfigures the 3D Chromatin Organization of T Cells and Alters Gene Expression. <i>Immunity</i> , 2020, 52, 257-274.e11.	6.6	42
18	p53 mediates target gene association with nuclear speckles for amplified RNA expression. <i>Molecular Cell</i> , 2021, 81, 1666-1681.e6.	4.5	41

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19	Chromatin targeting of nuclear pore proteins induces chromatin decondensation. <i>Journal of Cell Biology</i> , 2019, 218, 2945-2961.	2.3	31
20	BMP heterodimers signal via distinct type I receptor class functions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	28
21	Single mRNA Molecule Detection in <i>Drosophila</i> . <i>Methods in Molecular Biology</i> , 2018, 1649, 127-142.	0.4	21
22	Only accessible information is useful: insights from gradient-mediated patterning. <i>Royal Society Open Science</i> , 2015, 2, 150486.	1.1	14
23	Correct dosage of X chromosome transcription is controlled by a nuclear pore component. <i>Cell Reports</i> , 2021, 35, 109236.	2.9	12
24	Shifting Patterns: Merging Molecules, Morphogens, Motility, and Methodology. <i>Developmental Cell</i> , 2011, 21, 2-4.	3.1	8
25	Nup98-dependent transcriptional memory is established independently of transcription. <i>ELife</i> , 2022, 11, .	2.8	8
26	Sorting Sloppy Sonic. <i>Cell</i> , 2013, 153, 509-510.	13.5	1
27	Preparation of <i>Drosophila</i> Polytene Chromosomes, Followed by Immunofluorescence Analysis of Chromatin Structure by Multi-fluorescence Correlations. <i>Bio-protocol</i> , 2020, 10, e3673.	0.2	1
28	Using Single Molecule RNA FISH to Determine Nuclear Export and Transcription Phenotypes in <i>Drosophila</i> Tissues. <i>Methods in Molecular Biology</i> , 2022, 2502, 113-125.	0.4	1