

# Michael S Levine

## List of Publications by Year in descending order

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32  
papers

4,293  
citations

257450

24  
h-index

414414

32  
g-index

32  
all docs

32  
docs citations

32  
times ranked

4160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhancer Control of Transcriptional Bursting. <i>Cell</i> , 2016, 166, 358-368.	28.9	568
2	Developmental enhancers and chromosome topology. <i>Science</i> , 2018, 361, 1341-1345.	12.6	451
3	Multiple enhancers ensure precision of gap gene-expression patterns in the <i>Drosophila</i> embryo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 13570-13575.	7.1	446
4	Regulatory Blueprint for a Chordate Embryo. <i>Science</i> , 2006, 312, 1183-1187.	12.6	368
5	Suboptimization of developmental enhancers. <i>Science</i> , 2015, 350, 325-328.	12.6	268
6	Identification of a rudimentary neural crest in a non-vertebrate chordate. <i>Nature</i> , 2012, 492, 104-107.	27.8	199
7	pyramus and thisbe: FGF genes that pattern the mesoderm of <i>Drosophila</i> embryos. <i>Genes and Development</i> , 2004, 18, 687-699.	5.9	163
8	Comprehensive single-cell transcriptome lineages of a proto-vertebrate. <i>Nature</i> , 2019, 571, 349-354.	27.8	162
9	Enhancer additivity and non-additivity are determined by enhancer strength in the <i>Drosophila</i> embryo. <i>ELife</i> , 2015, 4, .	6.0	146
10	Visualization of Transvection in Living <i>Drosophila</i> Embryos. <i>Molecular Cell</i> , 2018, 70, 287-296.e6.	9.7	145
11	Promoter-proximal tethering elements regulate enhancer-promoter specificity in the <i>Drosophila</i> Antennapedia complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 9243-9247.	7.1	130
12	Genome organization controls transcriptional dynamics during development. <i>Science</i> , 2022, 375, 566-570.	12.6	113
13	Independence of chromatin conformation and gene regulation during <i>Drosophila</i> dorsoventral patterning. <i>Nature Genetics</i> , 2021, 53, 487-499.	21.4	108
14	The pre-vertebrate origins of neurogenic placodes. <i>Nature</i> , 2015, 524, 462-465.	27.8	102
15	Shared evolutionary origin of vertebrate neural crest and cranial placodes. <i>Nature</i> , 2018, 560, 228-232.	27.8	99
16	FGF signaling establishes the anterior border of the <i>Ciona</i> neural tube. <i>Development (Cambridge)</i> , 2012, 139, 2351-2359.	2.5	90
17	Electroporation of Transgenic DNAs in the Sea Squirt <i>Ciona</i> . <i>Cold Spring Harbor Protocols</i> , 2009, 2009, pdb.prot5345.	0.3	88
18	Long-range enhancer-promoter interactions in the Scr-Antp interval of the <i>Drosophila</i> Antennapedia complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2003, 100, 9878-9883.	7.1	85

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19	Isolation of Sea Squirt (<i>Ciona</i>) Gametes, Fertilization, Dechoriation, and Development: Figure 1.. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5344.	0.3	85
20	Enhancer-promoter communication: hubs or loops?. Current Opinion in Genetics and Development, 2021, 67, 5-9.	3.3	85
21	Transcriptional coupling of distant regulatory genes in living embryos. Nature, 2022, 605, 754-760.	27.8	78
22	Rapid Rates of Pol II Elongation in the Drosophila Embryo. Current Biology, 2017, 27, 1387-1391.	3.9	77
23	Transcriptional Memory in the Drosophila Embryo. Current Biology, 2016, 26, 212-218.	3.9	63
24	Regulatory cocktail for dopaminergic neurons in a protovertebrate identified by whole-embryo single-cell transcriptomics. Genes and Development, 2018, 32, 1297-1302.	5.9	34
25	Transvection. Current Biology, 2017, 27, R1047-R1049.	3.9	29
26	Depletion of Maternal Cyclin B3 Contributes to Zygotic Genome Activation in the Ciona Embryo. Current Biology, 2018, 28, 1150-1156.e4.	3.9	24
27	Uncoupling neurogenic gene networks in the Drosophila embryo. Genes and Development, 2017, 31, 634-638.	5.9	20
28	Properties of repression condensates in living Ciona embryos. Nature Communications, 2021, 12, 1561.	12.8	20
29	Mitosis-associated repression in development. Genes and Development, 2016, 30, 1503-1508.	5.9	16
30	The hypothalamus predates the origin of vertebrates. Science Advances, 2021, 7, .	10.3	16
31	Neuronal identities derived by misexpression of the POU IV sensory determinant in a protovertebrate. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	8
32	ERK signaling dissolves ERF repression condensates in living embryos. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	7