Michael S Levine

List of Publications by Year
in descending order

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	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
2	Genome organization controls transcriptional dynamics during development. Science, 2022, 375, 566-570.	12.6	113
3	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
4	Transcriptional coupling of distant regulatory genes in living embryos. Nature, 2022, 605, 754-760.	27.8	78
5	Enhancer-promoter communication: hubs or loops?. Current Opinion in Genetics and Development, 2021, 67, 5-9.	3.3	85
6	Properties of repression condensates in living Ciona embryos. Nature Communications, 2021, 12, 1561.	12.8	20
7	Independence of chromatin conformation and gene regulation during Drosophila dorsoventral patterning. Nature Genetics, 2021, 53, 487-499.	21.4	108
8	The hypothalamus predates the origin of vertebrates. Science Advances, 2021, 7, .	10.3	16
9	Comprehensive single-cell transcriptome lineages of a proto-vertebrate. Nature, 2019, 571, 349-354.	27.8	162
10	Visualization of Transvection in Living Drosophila Embryos. Molecular Cell, 2018, 70, 287-296.e6.	9.7	145
11	Depletion of Maternal Cyclin B3 Contributes to Zygotic Genome Activation in the Ciona Embryo. Current Biology, 2018, 28, 1150-1156.e4.	3.9	24
12	Developmental enhancers and chromosome topology. Science, 2018, 361, 1341-1345.	12.6	451
13	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
14	Shared evolutionary origin of vertebrate neural crest and cranial placodes. Nature, 2018, 560, 228-232.	27.8	99
15	Uncoupling neurogenic gene networks in the Drosophila embryo. Genes and Development, 2017, 31, 634-638.	5.9	20
16	Rapid Rates of Pol II Elongation in the Drosophila Embryo. Current Biology, 2017, 27, 1387-1391.	3.9	77
17	Transvection. Current Biology, 2017, 27, R1047-R1049.	3.9	29
18	Mitosis-associated repression in development. Genes and Development, 2016, 30, 1503-1508.	5.9	16

#	Article	IF	Citations
19	Enhancer Control of Transcriptional Bursting. Cell, 2016, 166, 358-368.	28.9	568
20	Transcriptional Memory in the Drosophila Embryo. Current Biology, 2016, 26, 212-218.	3.9	63
21	The pre-vertebrate origins of neurogenic placodes. Nature, 2015, 524, 462-465.	27.8	102
22	Suboptimization of developmental enhancers. Science, 2015, 350, 325-328.	12.6	268
23	Enhancer additivity and non-additivity are determined by enhancer strength in the Drosophila embryo. ELife, 2015, 4, .	6.0	146
24	Identification of a rudimentary neural crest in a non-vertebrate chordate. Nature, 2012, 492, 104-107.	27.8	199
25	FGF signaling establishes the anterior border of the Ciona neural tube. Development (Cambridge), 2012, 139, 2351-2359.	2.5	90
26	Multiple enhancers ensure precision of gap gene-expression patterns in the Drosophila embryo. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 13570-13575.	7.1	446
27	Isolation of Sea Squirt (Ciona) Gametes, Fertilization, Dechorionation, and Development: Figure 1.. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5344.	0.3	85
28	Electroporation of Transgenic DNAs in the Sea Squirt Ciona. Cold Spring Harbor Protocols, 2009, 2009, pdb.prot5345.	0.3	88
29	Regulatory Blueprint for a Chordate Embryo. Science, 2006, 312, 1183-1187.	12.6	368
30	pyramus and thisbe: FGF genes that pattern the mesoderm of Drosophila embryos. Genes and Development, 2004, 18, 687-699.	5.9	163
31	Long-range enhancer-promoter interactions in the Scr-Antp interval of the Drosophila Antennapedia complex. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 9878-9883.	7.1	85
32	Promoter-proximal tethering elements regulate enhancer-promoter specificity in the Drosophila Antennapedia complex. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 9243-9247.	7.1	130