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List of Publications by Year
in descending order

14 papers	1,608 citations	1040056 9 h-index	1058476 14 g-index
18 all docs	18 docs citations	18 times ranked	973 citing authors

#	Article	IF	Citations
1	Dynamic control of positional information in the early Drosophila embryo. Nature, 2004, 430, 368-371.	27.8	540
2	Canalization of Gene Expression in the Drosophila Blastoderm by Gap Gene Cross Regulation. PLoS Biology, 2009, 7, e1000049.	5.6	256
3	Dynamical Analysis of Regulatory Interactions in the Gap Gene System of Drosophila melanogaster. Genetics, 2004, 167, 1721-1737.	2.9	229
4	Canalization of Gene Expression and Domain Shifts in the Drosophila Blastoderm by Dynamical Attractors. PLoS Computational Biology, 2009, 5, e1000303.	3.2	204
5	Characterization of the Drosophila segment determination morphome. Developmental Biology, 2008, 313, 844-862.	2.0	200
6	Temporal and spatial dynamics of scaling-specific features of a gene regulatory network in Drosophila. Nature Communications, 2015, 6, 10031.	12.8	51
7	Size Regulation in the Segmentation ofDrosophila: Interacting Interfaces between Localized Domains of Gene Expression Ensure Robust Spatial Patterning. Physical Review Letters, 2009, 103, 168102.	7.8	42
8	Mechanisms of gap gene expression canalization in the Drosophila blastoderm. BMC Systems Biology, 2011, 5, 118.	3.0	39
9	The analysis of novel distal Cebpa enhancers and silencers using a transcriptional model reveals the complex regulatory logic of hematopoietic lineage specification. Developmental Biology, 2016, 413, 128-144.	2.0	18
10	The regulatory control of Cebpa enhancers and silencers in the myeloid and red-blood cell lineages. PLoS ONE, 2019, 14, e0217580.	2.5	12
11	Robust Normalization of Luciferase Reporter Data. Methods and Protocols, 2019, 2, 62.	2.0	6
12	Classification-Based Inference of Dynamical Models of Gene Regulatory Networks. G3: Genes, Genomes, Genetics, 2019, 9, 4183-4195.	1.8	4
13	Data-driven modeling predicts gene regulatory network dynamics during the differentiation of multipotential hematopoietic progenitors. PLoS Computational Biology, 2022, 18, e1009779.	3.2	4
14	Dynamic Modeling of Transcriptional Gene Regulatory Networks. Methods in Molecular Biology, 2021, 2328, 67-97.	0.9	2