Matthew R Ronshaugen

List of Publications by Year
in descending order

37 papers	2,654 citations	257450 24 h-index	330143 37 g-index
44 all docs	44 docs citations	44 times ranked	3570 citing authors

#	Article	IF	Citations
1	The embryonic transcriptome of Parhyale hawaiensis reveals different dynamics of microRNAs and mRNAs during the maternal-zygotic transition. Scientific Reports, 2022, 12, 174.	3.3	3
2	miR-9a regulates levels of both rhomboid mRNA and protein in the early Drosophila melanogaster embryo. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	0
3	smiFISH and embryo segmentation for single-cell multi-gene RNA quantification in arthropods. Communications Biology, 2021, 4, 352.	4.4	20
4	Single-cell visualization of mir-9a and Senseless co-expression during Drosophila melanogaster embryonic and larval peripheral nervous system development. G3: Genes, Genomes, Genetics, 2021, 11, .	1.8	6
5	The Transcription Factor-microRNA Regulatory Network during hESC-chondrogenesis. Scientific Reports, 2020, 10, 4744.	3.3	11
6	Enhanced genome assembly and a new official gene set for Tribolium castaneum. BMC Genomics, 2020, 21, 47.	2.8	84
7	Visualizing gene expression during zebrafish pronephros development and regeneration. Methods in Cell Biology, 2019, 154, 183-215.	1.1	17
8	Prostaglandin signaling regulates renal multiciliated cell specification and maturation. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 8409-8418.	7.1	39
9	The house spider genome reveals an ancient whole-genome duplication during arachnid evolution. BMC Biology, 2017, 15, 62.	3.8	286
10	Abundant expression of somatic transposon-derived piRNAs throughout Tribolium castaneum embryogenesis. Genome Biology, 2017, 18, 184.	8.8	19
11	Pervasive microRNA Duplication in Chelicerates: Insights from the Embryonic microRNA Repertoire of the Spider Parasteatoda tepidariorum. Genome Biology and Evolution, 2016, 8, 2133-2144.	2.5	38
12	MicroRNA evolution, expression, and function during short germband development in Tribolium castaneum. Genome Research, 2016, 26, 85-96.	5.5	42
13	Functional and Genetic Analysis of Spectraplakins in Drosophila. Methods in Enzymology, 2016, 569, 373-405.	1.0	16
14	Target Repression Induced by Endogenous microRNAs: Large Differences, Small Effects. PLoS ONE, 2014, 9, e104286.	2.5	33
15	Conserved Temporal Patterns of MicroRNA Expression in Drosophila Support a Developmental Hourglass Model. Genome Biology and Evolution, 2014, 6, 2459-2467.	2.5	22
16	The First Myriapod Genome Sequence Reveals Conservative Arthropod Gene Content and Genome Organisation in the Centipede Strigamia maritima. PLoS Biology, 2014, 12, e1002005.	5.6	221
17	Fast-evolving microRNAs are highly expressed in the early embryo of Drosophila virilis. Rna, 2014, 20, 360-372.	3.5	40
18	Evolution of mir-92a Underlies Natural Morphological Variation in Drosophila melanogaster. Current Biology, 2013, 23, 523-528.	3.9	47

#	Article	IF	Citations
19	Sex-Biased Expression of MicroRNAs in Schistosoma mansoni. PLoS Neglected Tropical Diseases, 2013, 7, e2402.	3.0	60
20	Clusters of microRNAs emerge by new hairpins in existing transcripts. Nucleic Acids Research, 2013, 41, 7745-7752.	14.5	84
21	Structure, evolution and function of the bi-directionally transcribed iab-4/iab-8 microRNA locus in arthropods. Nucleic Acids Research, 2013, 41, 3352-3361.	14.5	32
22	MicroRNAs from the same precursor have different targeting properties. Silence: A Journal of RNA Regulation, 2012, 3, 8.	8.1	57
23	MicroRNA evolution by arm switching. EMBO Reports, 2011, 12, 172-177.	4.5	199
24	Silencing of an abdominal Hox gene during early development is correlated with limb development in a crustacean trunk. Evolution & Development, 2010, 12, 131-143.	2.0	16
25	Functional Shifts in Insect microRNA Evolution. Genome Biology and Evolution, 2010, 2, 686-696.	2.5	131
26	Analysis of the Tribolium homeotic complex: insights into mechanisms constraining insect Hox clusters. Development Genes and Evolution, 2008, 218, 127-139.	0.9	60
27	Context-dependent regulation of Hox protein functions by CK2 phosphorylation sites. Development Genes and Evolution, 2008, 218, 321-332.	0.9	24
28	Evolution of the Ventral Midline in Insect Embryos. Developmental Cell, 2006, 11, 895-902.	7.0	58
29	Comprehensive identification of Drosophila dorsal-ventral patterning genes using a whole-genome tiling array. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 12763-12768.	7.1	50
30	Spatial regulation of microRNA gene expression in the Drosophila embryo. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15907-15911.	7.1	84
31	The Drosophila microRNA iab-4 causes a dominant homeotic transformation of halteres to wings. Genes and Development, 2005, 19, 2947-2952.	5.9	150
32	pyramus and thisbe: FGF genes that pattern the mesoderm of Drosophila embryos. Genes and Development, 2004, 18, 687-699.	5.9	163
33	Visualization of trans-Homolog Enhancer-Promoter Interactions at the Abd-B Hox Locus in the Drosophila Embryo. Developmental Cell, 2004, 7, 925-932.	7.0	62
34	Structure and expression patterns of Drosophila TULP and TUSP, members of the tubby-like gene family. Mechanisms of Development, 2002, 117, 209-215.	1.7	21
35	Hox protein mutation and macroevolution of the insect body plan. Nature, 2002, 415, 914-917.	27.8	359
36	brother of rhomboid, a rhomboid-Related Gene Expressed during Early Drosophila Oogenesis, Promotes EGF-R/MAPK Signaling. Developmental Biology, 2000, 226, 255-266.	2.0	63

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37	Homeobrain, a novel paired-like homeobox gene is expressed in the Drosophila brain. Mechanisms of Development, 2000, 96, 141-144.	1.7	26