

Nadine L Vastenhouw

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1812634/publications.pdf>

Version: 2024-02-01

30
papers

3,113
citations

430874

18
h-index

642732

23
g-index

38
all docs

38
docs citations

38
times ranked

4777
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic identification of long noncoding RNAs expressed during zebrafish embryogenesis. <i>Genome Research</i> , 2012, 22, 577-591.	5.5	809
2	Chromatin signature of embryonic pluripotency is established during genome activation. <i>Nature</i> , 2010, 464, 922-926.	27.8	340
3	The maternal-to-zygotic transition revisited. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	267
4	Long-term gene silencing by RNAi. <i>Nature</i> , 2006, 442, 882-882.	27.8	261
5	Bivalent histone modifications in early embryogenesis. <i>Current Opinion in Cell Biology</i> , 2012, 24, 374-386.	5.4	253
6	A Genome-Wide Screen Identifies 27 Genes Involved in Transposon Silencing in <i>C. elegans</i> . <i>Current Biology</i> , 2003, 13, 1311-1316.	3.9	180
7	A tunable refractive index matching medium for live imaging cells, tissues and model organisms. <i>ELife</i> , 2017, 6, .	6.0	128
8	Competition between histone and transcription factor binding regulates the onset of transcription in zebrafish embryos. <i>ELife</i> , 2017, 6, .	6.0	117
9	Structural features in the HIV-1 repeat region facilitate strand transfer during reverse transcription. <i>Rna</i> , 2001, 7, 1097-1114.	3.5	90
10	RNAi protects the <i>Caenorhabditis elegans</i> germline against transposition. <i>Trends in Genetics</i> , 2004, 20, 314-319.	6.7	88
11	Canonical nucleosome organization at promoters forms during genome activation. <i>Genome Research</i> , 2014, 24, 260-266.	5.5	87
12	Transcription organizes euchromatin via microphase separation. <i>Nature Communications</i> , 2021, 12, 1360.	12.8	83
13	Histone H3K27 acetylation precedes active transcription during zebrafish zygotic genome activation as revealed by live-cell analysis. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	81
14	Chromatin accessibility established by Pou5f3, Sox19b and Nanog primes genes for activity during zebrafish genome activation. <i>PLoS Genetics</i> , 2020, 16, e1008546.	3.5	59
15	Gene interactions in the DNA damage-response pathway identified by genome-wide RNA-interference analysis of synthetic lethality. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 12992-12996.	7.1	55
16	The timing of zygotic genome activation. <i>Current Opinion in Genetics and Development</i> , 2017, 43, 53-60.	3.3	54
17	Automated detection and quantification of single RNAs at cellular resolution in zebrafish embryos. <i>Development (Cambridge)</i> , 2015, 143, 540-6.	2.5	32
18	MS Western, a Method of Multiplexed Absolute Protein Quantification is a Practical Alternative to Western Blotting. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 384-396.	3.8	32

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19	Uniform gene expression in embryos is achieved by temporal averaging of transcription noise. <i>Genes and Development</i> , 2017, 31, 1635-1640.	5.9	21
20	From mother to embryo: A molecular perspective on zygotic genome activation. <i>Current Topics in Developmental Biology</i> , 2020, 140, 209-254.	2.2	16
21	Molecular genetics of maternally-controlled cell divisions. <i>PLoS Genetics</i> , 2020, 16, e1008652.	3.5	14
22	Reduced expression of the Nodal coreceptor Oep causes loss of mesendodermal competence in zebrafish. <i>Development (Cambridge)</i> , 2018, 145, .	2.5	12
23	Detection and Automated Analysis of Single Transcripts at Subcellular Resolution in Zebrafish Embryos. <i>Methods in Molecular Biology</i> , 2018, 1649, 143-162.	0.9	5
24	Message control in developmental transitions; deciphering chromatin's role using zebrafish genomics. <i>Briefings in Functional Genomics</i> , 2014, 13, 106-120.	2.7	0
25	Automated detection and quantification of single RNAs at cellular resolution in zebrafish embryos. <i>Journal of Cell Science</i> , 2016, 129, e1.2-e1.2.	2.0	0
26	Title is missing!. , 2020, 16, e1008546.		0
27	Title is missing!. , 2020, 16, e1008546.		0
28	Title is missing!. , 2020, 16, e1008546.		0
29	Title is missing!. , 2020, 16, e1008546.		0
30	Maternally loaded RNAs: no time to die. <i>Cell Research</i> , 0, , .	12.0	0