

Andrea Pauli

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

4,705
citations

331670

21
h-index

454955

30
g-index

45
all docs

45
docs citations

45
times ranked

8578
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	Efficient Mutagenesis by Cas9 Protein-Mediated Oligonucleotide Insertion and Large-Scale Assessment of Single-Guide RNAs. <i>PLoS ONE</i> , 2014, 9, e98186.	2.5	794
3	Non-coding RNAs as regulators of embryogenesis. <i>Nature Reviews Genetics</i> , 2011, 12, 136-149.	16.3	558
4	Toddler: An Embryonic Signal That Promotes Cell Movement via Apelin Receptors. <i>Science</i> , 2014, 343, 1248636.	12.6	498
5	Cell-Type-Specific TEV Protease Cleavage Reveals Cohesin Functions in <i>Drosophila</i> Neurons. <i>Developmental Cell</i> , 2008, 14, 239-251.	7.0	251
6	Ribosome profiling reveals resemblance between long non-coding RNAs and 5' leaders of coding RNAs. <i>Development (Cambridge)</i> , 2013, 140, 2828-2834.	2.5	237
7	High-Resolution Sequencing and Modeling Identifies Distinct Dynamic RNA Regulatory Strategies. <i>Cell</i> , 2014, 159, 1698-1710.	28.9	196
8	Conservation of uORF repressiveness and sequence features in mouse, human and zebrafish. <i>Nature Communications</i> , 2016, 7, 11663.	12.8	158
9	Cohesin cleavage and Cdk inhibition trigger formation of daughter nuclei. <i>Nature Cell Biology</i> , 2010, 12, 185-192.	10.3	155
10	Identifying (non-)coding RNAs and small peptides: Challenges and opportunities. <i>BioEssays</i> , 2015, 37, 103-112.	2.5	96
11	Selective Roles of Vertebrate PCF11 in Premature and Full-Length Transcript Termination. <i>Molecular Cell</i> , 2019, 74, 158-172.e9.	9.7	95
12	Polycomb purification by in vivo biotinylation tagging reveals cohesin and Trithorax group proteins as interaction partners. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5572-5577.	7.1	92
13	Formation and Nuclear Export of Preribosomes Are Functionally Linked to the Small Ubiquitin-Related Modifier Pathway. <i>Traffic</i> , 2006, 7, 1311-1321.	2.7	87
14	Canonical nucleosome organization at promoters forms during genome activation. <i>Genome Research</i> , 2014, 24, 260-266.	5.5	87
15	The Ly6/uPAR protein Bouncer is necessary and sufficient for species-specific fertilization. <i>Science</i> , 2018, 361, 1029-1033.	12.6	81
16	A Direct Role for Cohesin in Gene Regulation and Ecdysone Response in <i>Drosophila</i> Salivary Glands. <i>Current Biology</i> , 2010, 20, 1787-1798.	3.9	57
17	Decoding sORF translation " from small proteins to gene regulation. <i>RNA Biology</i> , 2016, 13, 1051-1059.	3.1	54
18	Loss of Apela Peptide in Mice Causes Low Penetrance Embryonic Lethality and Defects in Early Mesodermal Derivatives. <i>Cell Reports</i> , 2017, 20, 2116-2130.	6.4	53

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19	Nodal patterning without Lefty inhibitory feedback is functional but fragile. <i>ELife</i> , 2017, 6, .	6.0	52
20	Antisense Oligonucleotide-Mediated Transcript Knockdown in Zebrafish. <i>PLoS ONE</i> , 2015, 10, e0139504.	2.5	35
21	The conserved fertility factor SPACA4/Bouncer has divergent modes of action in vertebrate fertilization. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	27
22	The Fertilization Enigma: How Sperm and Egg Fuse. <i>Annual Review of Cell and Developmental Biology</i> , 2021, 37, 391-414.	9.4	26
23	Toddler signaling regulates mesodermal cell migration downstream of Nodal signaling. <i>ELife</i> , 2017, 6, .	6.0	24
24	Self-organized cell migration across scales “ from single cell movement to tissue formation. <i>Development (Cambridge)</i> , 2021, 148, .	2.5	22
25	Sperm membrane proteins DCST1 and DCST2 are required for sperm-egg interaction in mice and fish. <i>Communications Biology</i> , 2022, 5, 332.	4.4	21
26	NMD is required for timely cell fate transitions by fine-tuning gene expression and regulating translation. <i>Genes and Development</i> , 2022, 36, 348-367.	5.9	17
27	Zebrafish Ski7 tunes RNA levels during the oocyte-to-embryo transition. <i>PLoS Genetics</i> , 2021, 17, e1009390.	3.5	15
28	The Sperm Protein Spaca6 is Essential for Fertilization in Zebrafish. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 806982.	3.7	13
29	Species-specific mechanisms during fertilization. <i>Current Topics in Developmental Biology</i> , 2020, 140, 121-144.	2.2	7
30	Systematic refinement of gene annotations by parsing mRNA 3’ end sequencing datasets. <i>Methods in Enzymology</i> , 2021, 655, 205-223.	1.0	2