

Hilda LomelÃ-

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

2,639
citations

471509

17
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

3482
citing authors

#	ARTICLE	IF	CITATIONS
1	Z/AP, a Double Reporter for Cre-Mediated Recombination. <i>Developmental Biology</i> , 1999, 208, 281-292.	2.0	515
2	Oct4 is required for primordial germ cell survival. <i>EMBO Reports</i> , 2004, 5, 1078-1083.	4.5	513
3	Plasmid vector pBR322 and its special-purpose derivatives " a review. <i>Gene</i> , 1986, 50, 3-40.	2.2	321
4	Conditional loss of PTEN leads to testicular teratoma and enhances embryonic germ cell production. <i>Development (Cambridge)</i> , 2003, 130, 1691-1700.	2.5	218
5	Targeted insertion of Cre recombinase into the TNAP gene: Excision in primordial germ cells. <i>Genesis</i> , 2000, 26, 116-117.	1.6	151
6	High-affinity kainate and domoate receptors in rat brain. <i>FEBS Letters</i> , 1992, 307, 139-143.	2.8	128
7	Molecular biology of glutamate receptors. <i>Progress in Neurobiology</i> , 1994, 42, 353-357.	5.7	124
8	Exponential Amplification of Recombinant- RNA Hybridization Probes. <i>Bio/technology</i> , 1988, 6, 1197-1202.	1.5	119
9	Imaging filopodia dynamics in the mouse blastocyst. <i>Developmental Biology</i> , 2004, 265, 75-89.	2.0	80
10	Emerging roles of the SUMO pathway in development. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 4045-4064.	5.4	68
11	Dynamics of expression of ARID1A and ARID1B subunits in mouse embryos and in cells during the cell cycle. <i>Cell and Tissue Research</i> , 2011, 345, 137-148.	2.9	65
12	Localisation of inositol trisphosphate and ryanodine receptors during mouse spermatogenesis: possible functional implications. <i>Zygote</i> , 1998, 6, 159-172.	1.1	55
13	Expression of LPP3 in Bergmann glia is required for proper cerebellar sphingosine-1-phosphate metabolism/signaling and development. <i>Glia</i> , 2011, 59, 577-589.	4.9	30
14	Cell Proliferation Patterns in Early Zebrafish Development. <i>Anatomical Record</i> , 2013, 296, 759-773.	1.4	28
15	Phenotypic analyses of mouse embryos with ubiquitous expression of Oct4: Effects on mid-hindbrain patterning and gene expression. <i>Developmental Dynamics</i> , 2005, 232, 180-190.	1.8	26
16	Epiblast-specific Snai1 deletion results in embryonic lethality due to multiple vascular defects. <i>BMC Research Notes</i> , 2009, 2, 22.	1.4	26
17	RhoA/ROCK pathway activity is essential for the correct localization of the germ plasm mRNAs in zebrafish embryos. <i>Developmental Biology</i> , 2017, 421, 27-42.	2.0	21
18	Ectopic expression of KitD814Y in spermatids of transgenic mice, interferes with sperm morphogenesis. <i>Developmental Dynamics</i> , 2005, 233, 29-40.	1.8	19

#	ARTICLE	IF	CITATIONS
19	Spatial and temporal expression of Zimp7 and Zimp10 PIAS-like proteins in the developing mouse embryo. <i>Gene Expression Patterns</i> , 2008, 8, 206-213.	0.8	18
20	PIAS-like protein Zimp7 is required for the restriction of the zebrafish organizer and mesoderm development. <i>Developmental Biology</i> , 2015, 403, 89-100.	2.0	18
21	The developmental and pathogenic roles of BAF57, a special subunit of the BAF chromatin remodeling complex. <i>FEBS Letters</i> , 2016, 590, 1555-1569.	2.8	15
22	Notch signaling and the emergence of hematopoietic stem cells. <i>Developmental Dynamics</i> , 2020, 249, 1302-1317.	1.8	13
23	Protein Purification and Western Blot Detection from Single Zebrafish Embryo. <i>Zebrafish</i> , 2019, 16, 505-507.	1.1	12
24	ZMIZ proteins: partners in transcriptional regulation and risk factors for human disease. <i>Journal of Molecular Medicine</i> , 2022, 100, 973-983.	3.9	12
25	Spatial and temporal expression of zebrafish glutathione peroxidase 4 a and b genes during early embryo development. <i>Gene Expression Patterns</i> , 2015, 19, 98-107.	0.8	10
26	smarce1 mutants have a defective endocardium and an increased expression of cardiac transcription factors in zebrafish. <i>Scientific Reports</i> , 2018, 8, 15369.	3.3	9
27	zmiz1a zebrafish mutants have defective erythropoiesis, altered expression of autophagy genes, and a deficient response to vitamin D. <i>Life Sciences</i> , 2021, 284, 119900.	4.3	9
28	Sexually dimorphic gene expression of the Zimp7 and Zimp10 genes in embryonic gonads. <i>Gene Expression Patterns</i> , 2010, 10, 16-23.	0.8	8
29	NADPH-Oxidase-derived reactive oxygen species are required for cytoskeletal organization, proper localization of E-cadherin and cell motility during zebrafish epiboly. <i>Free Radical Biology and Medicine</i> , 2019, 130, 82-98.	2.9	8