

Alex L Bortvin

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

1,973
citations

430874

18
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

2646
citing authors

#	ARTICLE	IF	CITATIONS
1	Maximizing the ovarian reserve in mice by evading LINE-1 genotoxicity. Nature Communications, 2020, 11, 330.	12.8	41
2	De novo DNA Methylation: Who's Your DADDy?. Trends in Genetics, 2019, 35, 785-787.	6.7	0
3	Transient reduction of DNA methylation at the onset of meiosis in male mice. Epigenetics and Chromatin, 2018, 11, 15.	3.9	40
4	Intact piRNA pathway prevents L1 mobilization in male meiosis. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E5635-E5644.	7.1	81
5	Epigenetics and Transposon Control in the Mammalian Germline. , 2017, , 1-33.		3
6	DjPiwiB: A Rich Nuclear Inheritance for Descendants of Planarian Stem Cells. Developmental Cell, 2016, 37, 204-206.	7.0	5
7	Flow Cytometry of Murine Spermatocytes. Current Protocols in Cytometry, 2015, 72, 7.44.1-7.44.24.	3.7	20
8	A Whole-Mount Approach for Accurate Quantitative and Spatial Assessment of Fetal Oocyte Dynamics in Mice. Biology of Reproduction, 2015, 93, 113.	2.7	27
9	A Unique HMG-Box Domain of Mouse Maelstrom Binds Structured RNA but Not Double Stranded DNA. PLoS ONE, 2015, 10, e0120268.	2.5	15
10	Optimized flow cytometry isolation of murine spermatocytes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2014, 85, 556-565.	1.5	95
11	Reduced pachytene piRNA and translation underlie spermiogenic arrest in Maelstrom mutant mice. EMBO Journal, 2014, 33, 1999-2019.	7.8	90
12	A Role for Retrotransposon LINE-1 in Fetal Oocyte Attrition in Mice. Developmental Cell, 2014, 29, 521-533.	7.0	189
13	piRNAs, transposon silencing, and germline genome integrity. Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis, 2011, 714, 95-104.	1.0	95
14	Intracellular Detection of Cytosine Incorporation in Genomic DNA by Using 5-Ethynyl-2-Deoxythymine. ChemBioChem, 2011, 12, 2184-2190.	2.6	41
15	Bodies of evidence: compartmentalization of the piRNA pathway in mouse fetal prospermatogonia. Current Opinion in Cell Biology, 2010, 22, 752-757.	5.4	19
16	Synaptonemal Complex Length Variation in Wild-Type Male Mice. Genes, 2010, 1, 505-520.	2.4	14
17	Transient relaxation of transposon silencing at the onset of mammalian meiosis. Epigenetics, 2009, 4, 76-79.	2.7	39
18	Cytoplasmic Compartmentalization of the Fetal piRNA Pathway in Mice. PLoS Genetics, 2009, 5, e1000764.	3.5	252

#	ARTICLE	IF	CITATIONS
19	Defending the Genome in Tudor Style. <i>Developmental Cell</i> , 2009, 17, 745-746.	7.0	14
20	Mouse Maelstrom, a Component of Nuage, Is Essential for Spermatogenesis and Transposon Repression in Meiosis. <i>Developmental Cell</i> , 2008, 15, 285-297.	7.0	303
21	Dppa3 / Pgc7 / stella is a maternal factor and is not required for germ cell specification in mice. <i>BMC Developmental Biology</i> , 2004, 4, 2.	2.1	123
22	Wt1 functions in the development of germ cells in addition to somatic cell lineages of the testis. <i>Developmental Biology</i> , 2004, 268, 429-440.	2.0	35
23	Incomplete reactivation of Oct4-related genes in mouse embryos cloned from somatic nuclei. <i>Development (Cambridge)</i> , 2003, 130, 1673-1680.	2.5	406
24	Differential splicing creates a diversity of transcripts from a neurospecific developmentally regulated gene encoding a protein with new zinc-finger motifs. <i>Nucleic Acids Research</i> , 1992, 20, 5579-5585.	14.5	25