Mellissa R W Mann

List of Publications by Year
in descending order

54 papers	5,149 citations	159358 30 h-index	182168 51 g-index
59 all docs	59 docs citations	59 times ranked	4417 citing authors

#	Article	IF	Citations
1	Long noncoding RNA functionality in imprinted domain regulation. PLoS Genetics, 2020, 16, e1008930.	1.5	44
2	Perturbations in imprinted methylation from assisted reproductive technologies but not advanced maternal age in mouse preimplantation embryos. Clinical Epigenetics, 2019, 11, 162.	1.8	22
3	Nucleoporin 107, 62 and 153 mediate Kcnq1ot1 imprinted domain regulation in extraembryonic endoderm stem cells. Nature Communications, 2018, 9, 2795.	5.8	24
4	Betaine is accumulated via transient choline dehydrogenase activation during mouse oocyte meiotic maturation. Journal of Biological Chemistry, 2017, 292, 13784-13794.	1.6	11
5	Maintenance of Mest imprinted methylation in blastocyst-stage mouse embryos is less stable than other imprinted loci following superovulation or embryo culture. Environmental Epigenetics, 2017, 3, dvx015.	0.9	21
6	An RB-EZH2 Complex Mediates Silencing of Repetitive DNA Sequences. Molecular Cell, 2016, 64, 1074-1087.	4.5	128
7	Conservation of DNA Methylation Programming Between Mouse and Human Gametes and Preimplantation Embryos. Biology of Reproduction, 2016, 95, 61-61.	1.2	23
8	A role for chromatin topology in imprinted domain regulation. Biochemistry and Cell Biology, 2016, 94, 43-55.	0.9	2
9	High Frequency of Imprinted Methylation Errors in Human Preimplantation Embryos. Scientific Reports, 2015, 5, 17311.	1.6	78
10	Both the folate cycle and betaineâ€homocysteine methyltransferase contribute methyl groups for DNA methylation in mouse blastocysts. FASEB Journal, 2015, 29, 1069-1079.	0.2	33
11	Why we should not select the faster embryo: lessons from mice and cattle. Reproduction, Fertility and Development, 2015, 27, 765.	0.1	20
12	Epigenetic regulation of genomic imprinting from germ line to preimplantation. Molecular Reproduction and Development, 2014, 81, 126-140.	1.0	46
13	Maternal control of genomic imprint maintenance. Reproductive BioMedicine Online, 2013, 27, 629-636.	1.1	31
14	Endogenous Folate Accumulation in Oocytes and Preimplantation Embryos and Its Epigenetic Implications. Biology of Reproduction, 2013, 89, 62.	1.2	4
15	Single Oocyte Bisulfite Mutagenesis. Journal of Visualized Experiments, 2012, , .	0.2	11
16	Embryo Culture and Epigenetics. Methods in Molecular Biology, 2012, 912, 399-421.	0.4	27
17	Genomic imprints as a model for the analysis of epigenetic stability during assisted reproductive technologies. Reproduction, 2012, 144, 393-409.	1.1	117
18	Compromised fertility disrupts Peg1 but not Snrpn and Peg3 imprinted methylation acquisition in mouse oocytes. Frontiers in Genetics, 2012, 3, 129.	1.1	23

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19	Loss of Genomic Imprinting in Mouse Embryos with Fast Rates of Preimplantation Development in Culture1. Biology of Reproduction, 2012, 86, 143, 1-16.	1.2	63
20	Compromized Fertility Disrupts Peg1 but Not Snrpn and Peg3 Imprinted Methylation Acquisition in Mouse Oocytes.. Biology of Reproduction, 2012, 87, 273-273.	1.2	0
21	Embryonic imprinting perturbations do not originate from superovulation-induced defects in DNA methylation acquisition. Fertility and Sterility, 2011, 96, 734-738.e2.	0.5	65
22	A bidirectional promoter architecture enhances lentiviral transgenesis in embryonic and extraembryonic stem cells. Gene Therapy, 2011, 18, 817-826.	2.3	14
23	Depletion of <i>Kcnq1ot1</i> non-coding RNA does not affect imprinting maintenance in stem cells. Development (Cambridge), 2011, 138, 3667-3678.	1.2	52
24	Epigenetics in all its glory. Development (Cambridge), 2011, 138, 5274-5275.	1.2	0
25	Side-by-Side Comparison of Five Commercial Media Systems in a Mouse Model: Suboptimal In Vitro Culture Interferes with Imprint Maintenance1. Biology of Reproduction, 2010, 83, 938-950.	1.2	193
26	Dual effects of superovulation: loss of maternal and paternal imprinted methylation in a dose-dependent manner. Human Molecular Genetics, 2010, 19, 36-51.	1.4	286
27	Domain-Specific Response of Imprinted Genes to Reduced DNMT1. Molecular and Cellular Biology, 2010, 30, 3916-3928.	1.1	41
28	ATRX Partners with Cohesin and MeCP2 and Contributes to Developmental Silencing of Imprinted Genes in the Brain. Developmental Cell, 2010, 18, 191-202.	3.1	160
29	Multiple Epigenetic Modifiers Induce Aggressive Viral Extinction in Extraembryonic Endoderm Stem Cells. Cell Stem Cell, 2010, 6, 457-467.	5.2	32
30	Characterization of the Mouse Kcnq1ot1 Non-Coding RNA.. Biology of Reproduction, 2009, 81, 142-142.	1.2	12
31	Investigating the Molecular Effects of Superovulation and Embryo Culture on Genomic Imprinting in a Mouse Model System.. Biology of Reproduction, 2009, 81, 266-266.	1.2	0
32	The PcG gene Sfmbt2 is paternally expressed in extraembryonic tissues. Gene Expression Patterns, 2008, 8, 107-116.	0.3	61
33	DNA methyltransferase 1o functions during preimplantation development to preclude a profound level of epigenetic variation. Developmental Biology, 2008, 324, 139-150.	0.9	62
34	INVESTIGATING THE MOLECULAR AND DEVELOPMENTAL EFFECTS OF VARIOUS CULTURE REGIMES IN A MOUSE MODEL SYSTEM. Clinical and Investigative Medicine, 2008, 31, 16.	0.3	0
35	SUSCEPTIBILITY OF GENOMIC IMPRINTING TO EMBRYO CULTURE. Biology of Reproduction, 2007, 77, 66-66.	1.2	0
36	Epigenetics and human disease: translating basic biology into clinical applications. Cmaj, 2006, 174, 341-348.	0.9	371

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37	DNA methylation is a primary mechanism for silencing postmigratory primordial germ cell genes in both germ cell and somatic cell lineages. Development (Cambridge), 2006, 133, 3411-3418.	1.2	185
38	Imprinting and epigenetics in mouse models and embryogenesis: understanding the requirement for both parental genomes. , 2005, , .		0
39	X chromosome reactivation and regulation in cloned embryos. Developmental Biology, 2005, 279, 525-540.	0.9	120
40	Gene-specific timing and epigenetic memory in oocyte imprinting. Human Molecular Genetics, 2004, 13, 839-849.	1.4	410
41	Selective loss of imprinting in the placenta following preimplantation development in culture. Development (Cambridge), 2004, 131, 3727-3735.	1.2	389
42	Reprogramming of primordial germ cells begins before migration into the genital ridge, making these cells inadequate donors for reproductive cloning. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 12207-12212.	3.3	166
43	Disruption of Imprinted Gene Methylation and Expression in Cloned Preimplantation Stage Mouse Embryos1. Biology of Reproduction, 2003, 69, 902-914.	1.2	286
44	Genomic Imprinting: Intricacies of Epigenetic Regulation in Clusters. Annual Review of Cell and Developmental Biology, 2003, 19, 237-259.	4.0	251
45	Analysis of Sequence Upstream of the Endogenous H19 Gene Reveals Elements Both Essential and Dispensable for Imprinting. Molecular and Cellular Biology, 2002, 22, 2450-2462.	1.1	74
46	Nuclear-Cytoplasmic â€œTug of Warâ€•During Cloning: Effects of Somatic Cell Nuclei on Culture Medium Preferences of Preimplantation Cloned Mouse Embryos1. Biology of Reproduction, 2002, 66, 1178-1184.	1.2	120
47	Epigenetic reprogramming in the mammalian embryo: struggle of the clones. Genome Biology, 2002, 3, reviews1003.1.	13.9	45
48	Maintaining imprinting. Nature Genetics, 2000, 25, 4-5.	9.4	11
49	Differential Effects of Culture on Imprinted H19 Expression in the Preimplantation Mouse Embryo1. Biology of Reproduction, 2000, 62, 1526-1535.	1.2	687
50	Towards a molecular understandingof Prader-Willi and Angelman syndromes. Human Molecular Genetics, 1999, 8, 1867-1873.	1.4	86
51	Identification of genes showing altered expression in preimplantation and early postimplantation parthenogenetic embryos. Genesis, 1995, 17, 223-232.	3.1	41
52	Genomic imprinting â€" defusing the ovarian time bomb. Trends in Genetics, 1994, 10, 118-123.	2.9	150
53	Site of action of imprinted genes revealed by phenotypic analysis of parthenogenetic embryos. Genesis, 1993, 14, 239-248.	3.1	24
54	Acetaldehyde dehydrogenase (Ahd-2)-Associated DNA Polymorphisms in Mouse Strains with Variable Ethanol Preferences. Alcoholism: Clinical and Experimental Research, 1991, 15, 304-307.	1.4	11