Mami Miyado

List of Publications by Year
in descending order

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67 papers	1,422 citations	430874 18 h-index	361022 35 g-index
69 all docs	69 docs citations	69 times ranked	2093 citing authors

#	Article	IF	Citations
1	Rapid generation of mouse models with defined point mutations by the CRISPR/Cas9 system. Scientific Reports, 2014, 4, 5396.	3.3	191
2	The fusing ability of sperm is bestowed by CD9-containing vesicles released from eggs in mice. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 12921-12926.	7.1	172
3	Endometrial preparation methods for frozen-thawed embryo transfer are associated with altered risks of hypertensive disorders of pregnancy, placenta accreta, and gestational diabetes mellitus. Human Reproduction, 2019, 34, 1567-1575.	0.9	149
4	Innate immune system still works at diapause, a physiological state of dormancy in insects. Biochemical and Biophysical Research Communications, 2011, 410, 351-357.	2.1	55
5	CD81 and CD9 work independently as extracellular components upon fusion of sperm and oocyte. Biology Open, 2012, 1, 640-647.	1.2	54
6	IdenticalNR5A1Missense Mutations in Two Unrelated 46,XX Individuals with Testicular Tissues. Human Mutation, 2017, 38, 39-42.	2.5	44
7	11-oxygenated C19 steroids as circulating androgens in women with polycystic ovary syndrome. Endocrine Journal, 2018, 65, 979-990.	1.6	41
8	Steroidogenic pathways involved in androgen biosynthesis in eumenorrheic women and patients with polycystic ovary syndrome. Journal of Steroid Biochemistry and Molecular Biology, 2016, 158, 31-37.	2.5	35
9	Possible involvement of CD81 in acrosome reaction of sperm in mice. Molecular Reproduction and Development, 2008, 75, 150-155.	2.0	34
10	Paternal uniparental disomy 14 and related disorders. Epigenetics, 2012, 7, 1142-1150.	2.7	34
11	Mamld1 Knockdown Reduces Testosterone Production and Cyp17a1 Expression in Mouse Leydig Tumor Cells. PLoS ONE, 2011, 6, e19123.	2.5	28
12	Î²-catenin is a molecular switch that regulates transition of cell-cell adhesion to fusion. Scientific Reports, 2011, 1, 68.	3.3	28
13	Increased incidence of post-term delivery and Cesarean section after frozen-thawed embryo transfer during a hormone replacement cycle. Journal of Assisted Reproduction and Genetics, 2017, 34, 465-470.	2.5	26
14	Calaxin is required for cilia-driven determination of vertebrate laterality. Communications Biology, 2019, 2, 226.	4.4	26
15	Mamld1 Deficiency Significantly Reduces mRNA Expression Levels of Multiple Genes Expressed in Mouse Fetal Leydig Cells but Permits Normal Genital and Reproductive Development. Endocrinology, 2012, 153, 6033-6040.	2.8	25
16	Extra-adrenal induction of <i>Cyp21a1</i> ameliorates systemic steroid metabolism in a mouse model of congenital adrenal hyperplasia. Endocrine Journal, 2016, 63, 897-904.	1.6	25
17	Paradoxical gainâ€ofâ€function mutant of the Gâ€proteinâ€coupled receptor <scp>PROKR</scp>2 promotes early puberty. Journal of Cellular and Molecular Medicine, 2017, 21, 2623-2626.	3.6	24
18	Germline-Derived Gain-of-Function Variants of GsÎ±-Coding GNAS Gene Identified in Nephrogenic Syndrome of Inappropriate Antidiuresis. Journal of the American Society of Nephrology: JASN, 2019, 30, 877-889.	6.1	21

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19	Extra-mitochondrial citrate synthase initiates calcium oscillation and suppresses age-dependent sperm dysfunction. Laboratory Investigation, 2020, 100, 583-595.	3.7	21
20	Testicular dysgenesis/regression without campomelic dysplasia in patients carrying missense mutations and upstream deletion of SOX 9. Molecular Genetics & Genomic Medicine, 2015, 3, 550-557.	1.2	19
21	The p.R92W variant of NR5A1/Nr5a1 induces testicular development of 46,XX gonads in humans, but not in mice: phenotypic comparison of human patients and mutation-induced mice. Biology of Sex Differences, 2016, 7, 56.	4.1	19
22	Gainâ€ofâ€function mutations in Gâ€proteinâ€“coupled receptor genes associated with human endocrine disorders. Clinical Endocrinology, 2018, 88, 351-359.	2.4	19
23	Copy-number variations in Y-chromosomal azoospermia factor regions identified by multiplex ligation-dependent probe amplification. Journal of Human Genetics, 2015, 60, 127-131.	2.3	18
24	Identification of Novel Low-Dose Bisphenol A Targets in Human Foreskin Fibroblast Cells Derived from Hypospadias Patients. PLoS ONE, 2012, 7, e36711.	2.5	17
25	STX2 is a causative gene for nonobstructive azoospermia. Human Mutation, 2018, 39, 830-833.	2.5	17
26	Absence of CD9 reduces endometrial VEGF secretion and impairs uterine repair after parturition. Scientific Reports, 2014, 4, 4701.	3.3	16
27	Novel Splice Site Mutation in MAMLD1 in a Patient with Hypospadias. Sexual Development, 2015, 9, 130-135.	2.0	14
28	Autophagy-disrupted LC3 abundance leads to death of supporting cells of human oocytes. Biochemistry and Biophysics Reports, 2018, 15, 107-114.	1.3	14
29	Sonic hedgehog expression during early tooth development in Suncus murinus. Biochemical and Biophysical Research Communications, 2007, 363, 269-275.	2.1	13
30	Individual Variation of the Genetic Response to Bisphenol A in Human Foreskin Fibroblast Cells Derived from Cryptorchidism and Hypospadias Patients. PLoS ONE, 2012, 7, e52756.	2.5	13
31	Parturition failure in mice lacking Mamld1. Scientific Reports, 2015, 5, 14705.	3.3	13
32	Knockout of Murine Mamld1 Impairs Testicular Growth and Daily Sperm Production but Permits Normal Postnatal Androgen Production and Fertility. International Journal of Molecular Sciences, 2017, 18, 1300.	4.1	13
33	Rare variant of the epigenetic regulator SMCHD1 in a patient with pituitary hormone deficiency. Scientific Reports, 2020, 10, 10985.	3.3	12
34	De novo Frameshift Mutation in Fibroblast Growth Factor 8 in a Male Patient with Gonadotropin Deficiency. Hormone Research in Paediatrics, 2014, 81, 139-144.	1.8	11
35	Exosomes versus microexosomes: Shared components but distinct functions. Journal of Plant Research, 2017, 130, 479-483.	2.4	10
36	Random X chromosome inactivation in patients with Klinefelter syndrome. Molecular and Cellular Pediatrics, 2020, 7, 1.	1.8	10

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37	Aromatase excess syndrome in a family with upstream deletion of <scp>CYP</scp>19A1. Clinical Endocrinology, 2014, 81, 314-316.	2.4	9
38	Degradation of phosphate polymer polyP enhances lactic fermentation in mice. Genes To Cells, 2018, 23, 904-914.	1.2	8
39	Expression of Nuclear and Mitochondrial Thyroid Hormone Receptors in Postnatal Rat Tongue Muscle. Cells Tissues Organs, 2006, 183, 195-205.	2.3	7
40	Somatically Acquired Isodicentric Y and Mosaic Loss of Chromosome Y in a Boy with Hypospadias. Cytogenetic and Genome Research, 2018, 154, 122-125.	1.1	7
41	Case of heterotopic cervical pregnancy and total placenta accreta after artificial cycle frozenâ€thawed embryo transfer. Reproductive Medicine and Biology, 2018, 17, 89-92.	2.4	7
42	DNA Methylation Status of SHOX-Flanking CpG Islands in Healthy Individuals and Short Stature Patients with Pseudoautosomal Copy Number Variations. Cytogenetic and Genome Research, 2019, 158, 56-62.	1.1	7
43	Dihydrotestosterone induces minor transcriptional alterations in genital skin fibroblasts of children with and without androgen insensitivity. Endocrine Journal, 2019, 66, 387-393.	1.6	7
44	SOX3 Overdosage Permits Normal Sex Development in Females with Random X Inactivation. Sexual Development, 2015, 9, 125-129.	2.0	6
45	Expression patterns of Fgf8 and Shh in the developing external genitalia of Suncus murinus. Reproduction, 2017, 153, 187-195.	2.6	6
46	Circulating steroids and mood disorders in patients with polycystic ovary syndrome. Steroids, 2021, 165, 108748.	1.8	6
47	Promoter regulatory motifs involved in c-mpl gene expression induced by PMA. Cell Biology International, 2008, 32, 692-697.	3.0	5
48	Expression of Xenobiotic Biomarkers CYP1 Family in Preputial Tissue of Patients with Hypospadias and Phimosis and Its Association with DNA Methylation Level of SRD5A2 Minimal Promoter. Archives of Environmental Contamination and Toxicology, 2018, 74, 240-247.	4.1	5
49	Losing maleness: Somatic Y chromosome loss at every stage of a man's life. FASEB BioAdvances, 2019, 1, 350-352.	2.4	5
50	Membrane protein CD9 is repositioned and released to enhance uterine function. Laboratory Investigation, 2019, 99, 200-209.	3.7	5
51	Birthweights and Down syndrome in neonates that were delivered after frozenâ€thawed embryo transfer: The 2007â€2012 Japan Society of Obstetrics and Gynecology National Registry data in Japan. Reproductive Medicine and Biology, 2017, 16, 228-234.	2.4	4
52	Microexosomes versus exosomes: Shared components but distinct structures. Regenerative Therapy, 2019, 11, 31-33.	3.0	4
53	Nonsense-associated altered splicing of MAP3K1 in two siblings with 46,XY disorders of sex development. Scientific Reports, 2020, 10, 17375.	3.3	4
54	Next generation sequencing and array-based comparative genomic hybridization for molecular diagnosis of pediatric endocrine disorders. Annals of Pediatric Endocrinology and Metabolism, 2017, 22, 90.	2.3	4

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55	Mosaic loss of the Y chromosome and men's health. Reproductive Medicine and Biology, 2022, 21, e12445.	2.4	4
56	Distribution of LYVE-1 and CD31 in postnatal rat masseter muscle. Annals of Anatomy, 2008, 190, 329-338.	1.9	3
57	Microhomology-Mediated Microduplication in the Y Chromosomal Azoospermia Factor a Region in a Male with Mild Asthenozoospermia. Cytogenetic and Genome Research, 2014, 144, 285-289.	1.1	3
58	SHOX farâ€downstream copyâ€number variations involving cisâ€regulatory nucleotide variants in two sisters with Leriâ€Weill dyschondrosteosis. American Journal of Medical Genetics, Part A, 2019, 179, 1778-1782.	1.2	3
59	Copyâ€number analysis of Yâ€linked loci in young men with nonâ€obstructive azoospermia: Implications for the rarity of early onset mosaic loss of chromosome Y. Reproductive Medicine and Biology, 2020, 19, 178-181.	2.4	3
60	Structural and numerical Y chromosomal variations in elderly men identified through multiplex ligation-dependent probe amplification. Journal of Human Genetics, 2021, 66, 1181-1184.	2.3	3
61	Blood allopregnanolone levels in women with polycystic ovary syndrome. Clinical Endocrinology, 2016, 85, 151-152.	2.4	2
62	Copy Number Variations of the Azoospermia Factor Region and SRY Are Not Associated with the Risk of Hypospadias. Sexual Development, 2016, 10, 12-15.	2.0	2
63	Ubiquitin-activating enzyme E1 inhibitor PYR-41 retards sperm enlargement after fusion to the egg. Reproductive Toxicology, 2018, 76, 71-77.	2.9	2
64	Chemotactic behavior of egg mitochondria in response to sperm fusion in mice. Heliyon, 2018, 4, e00944.	3.2	2
65	Role of CD9 in Sperm-Egg Fusion and Its General Role in Fusion Phenomena. , 2011, , 171-184.		1
66	Reply: Artificial cycle â€˜per seâ€™ or the specific protocol of endometrial preparation as responsible for obstetric complications of frozen cycle?. Human Reproduction, 2019, 34, 2554-2555.	0.9	1
67	Suppression of Non-Random Fertilization by MHC Class I Antigens. International Journal of Molecular Sciences, 2020, 21, 8731.	4.1	1