Daniel Vaiman

List of Publications by Year
in descending order

222 papers	9,977 citations	31902 53 h-index	46693 89 g-index

257 all docs	257 docs citations	257 times ranked	10805 citing authors

#	Article	IF	Citations
1	Heterosis. Plant Cell, 2010, 22, 2105-2112.	3.1	425
2	(CT)n and (GT)n microsatellites: a new class of genetic markers for Salmo trutta L. (brown trout). Heredity, 1993, 71, 488-496.	1.2	358
3	Oxidative Stress in Preeclampsia and Placental Diseases. International Journal of Molecular Sciences, 2018, 19, 1496.	1.8	339
4	A medium-density genetic linkage map of the bovine genome. Mammalian Genome, 1997, 8, 21-28.	1.0	313
5	A 11.7-kb deletion triggers intersexuality and polledness in goats. Nature Genetics, 2001, 29, 453-458.	9.4	297
6	A set of 99 cattle microsatellites: characterization, synteny mapping, and polymorphism. Mammalian Genome, 1994, 5, 288-297.	1.0	279
7	Mutant Cohesin in Premature Ovarian Failure. New England Journal of Medicine, 2014, 370, 943-949.	13.9	244
8	Specific epigenetic alterations of IGF2-H19 locus in spermatozoa from infertile men. European Journal of Human Genetics, 2010, 18, 73-80.	1.4	226
9	An Enhanced Linkage Map of the Sheep Genome Comprising More Than 1000 Loci. Genome Research, 2001, 11, 1275-1289.	2.4	198
10	Assisted Reproductive Technology affects developmental kinetics, H19 Imprinting Control Region methylation and H19 gene expression in individual mouse embryos. BMC Developmental Biology, 2007, 7, 116.	2.1	183
11	Comparative Gene Mapping: A Fine-Scale Survey of Chromosome Rearrangements between Ruminants and Humans. Genome Research, 1998, 8, 901-915.	2.4	168
12	Markedly Increased Susceptibility to Natural Sheep Scrapie of Transgenic Mice Expressing Ovine PrP. Journal of Virology, 2001, 75, 5977-5984.	1.5	165
13	A Genetic Basis for a Postmeiotic X Versus Y Chromosome Intragenomic Conflict in the Mouse. PLoS Genetics, 2012, 8, e1002900.	1.5	165
14	Early Administration of Low-Dose Aspirin for the Prevention of Severe and Mild Preeclampsia: A Systematic Review and Meta-Analysis. American Journal of Perinatology, 2012, 29, 551-6.	0.6	164
15	Sequence conservation of microsatellites between Bos taurus (cattle), Capra hircus (goat) and related species. Examples of use in parentage testing and phylogeny analysis. Heredity, 1995, 74, 53-61.	1.2	152
16	Research Resource: Gene Expression Profile for Ectopic Versus Eutopic Endometrium Provides New Insights into Endometriosis Oncogenic Potential. Molecular Endocrinology, 2008, 22, 2557-2562.	3.7	130
17	Expressional and Epigenetic Alterations of Placental Serine Protease Inhibitors. Hypertension, 2007, 49, 76-83.	1.3	125
18	Potential targets of FOXL2, a transcription factor involved in craniofacial and follicular development, identified by transcriptomics. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3330-3335.	3.3	108

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19	Chronic Dietary Exposure to a Low-Dose Mixture of Genistein and Vinclozolin Modifies the Reproductive Axis, Testis Transcriptome, and Fertility. Environmental Health Perspectives, 2009, 117, 1272-1279.	2.8	107
20	Recent insights on the genetics and epigenetics of endometriosis. Clinical Genetics, 2017, 91, 254-264.	1.0	106
21	A Genetic Linkage Map of the Male Goat Genome. Genetics, 1996, 144, 279-305.	1.2	105
22	The Role of Epigenetics in Placental Development and the Etiology of Preeclampsia. International Journal of Molecular Sciences, 2019, 20, 2837.	1.8	102
23	Genetic and epigenetic factors contribute to the onset of preeclampsia. Molecular and Cellular Endocrinology, 2008, 282, 120-129.	1.6	100
24	Ontogenesis of female-to-male sex-reversal in XX polled goats. Developmental Dynamics, 2002, 224, 39-50.	0.8	99
25	Preeclampsia-Like Symptoms Induced in Mice by Fetoplacental Expression of STOX1 Are Reversed by Aspirin Treatment. Hypertension, 2013, 61, 662-668.	1.3	96
26	Pregnancy exposure to atmospheric pollution and meteorological conditions and placental DNA methylation. Environment International, 2018, 118, 334-347.	4.8	93
27	Research Resource: Genome-Wide Profiling of Methylated Promoters in Endometriosis Reveals a Subtelomeric Location of Hypermethylation. Molecular Endocrinology, 2010, 24, 1872-1885.	3.7	90
28	Characterization of five new bovine dinucleotide repeats. Animal Genetics, 1992, 23, 537-541.	0.6	86
29	Serum and peritoneal interleukin-33 levels are elevated in deeply infiltrating endometriosis. Human Reproduction, 2012, 27, 2001-2009.	0.4	81
30	A genome-wide approach reveals novel imprinted genes expressed in the human placenta. Epigenetics, 2012, 7, 1079-1090.	1.3	81
31	The Negative Effect of Repeated Equine Chorionic Gonadotropin Treatment on Subsequent Fertility in Alpine Goats Is Due to a Humoral Immune Response Involving the Major Histocompatibility Complex1. Biology of Reproduction, 1999, 60, 805-813.	1.2	80
32	Genetic and epigenetic mechanisms collaborate to control SERPINA3 expression and its association with placental diseases. Human Molecular Genetics, 2012, 21, 1968-1978.	1.4	79
33	An Enhanced Linkage Map of the Sheep Genome Comprising More Than 1000 Loci. Genome Research, 2001, 11, 1275-1289.	2.4	78
34	The placenta: phenotypic and epigenetic modifications induced by Assisted Reproductive Technologies throughout pregnancy. Clinical Epigenetics, 2015, 7, 87.	1.8	77
35	Mammalian sex reversal and intersexuality. Trends in Genetics, 2000, 16, 488-494.	2.9	75
36	In Vitro Fertilization and Embryo Culture Strongly Impact the Placental Transcriptome in the Mouse Model. PLoS ONE, 2010, 5, e9218.	1.1	75

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37	Functional Screening of TLRs in Human Amniotic Epithelial Cells. Journal of Immunology, 2011, 187, 2766-2774.	0.4	74
38	Nitroso-Redox Balance and Mitochondrial Homeostasis Are Regulated bySTOX1, a Pre-Eclampsia-Associated Gene. Antioxidants and Redox Signaling, 2014, 21, 819-834.	2.5	71
39	A novel follicle-stimulating hormone receptor mutation causing primary ovarian failure: a fertility application of whole exome sequencing. Human Reproduction, 2016, 31, 905-914.	0.4	71
40	Placental BDNF/TrkB Signaling System is Modulated by Fetal Growth Disturbances in Rat and Human. Placenta, 2010, 31, 785-791.	0.7	70
41	Landscape of Transcriptional Deregulations in the Preeclamptic Placenta. PLoS ONE, 2013, 8, e65498.	1.1	70
42	Modulation of imprinted gene network in placenta results in normal development of in vitro manipulated mouse embryos. Human Molecular Genetics, 2010, 19, 1779-1790.	1.4	68
43	Characterization, genetic and physical mapping analysis of 36 horse plasmid and cosmid-derived microsatellites. Mammalian Genome, 1997, 8, 745-750.	1.0	65
44	Oxytocin receptor agonist reduces perinatal brain damage by targeting microglia. Glia, 2019, 67, 345-359.	2.5	65
45	Genetic regulation of recurrent spontaneous abortion in humans. Biomedical Journal, 2015, 38, 11.	1.4	65
46	Genetic mapping of the autosomal region involved in XX sex-reversal and horn development in goats. Mammalian Genome, 1996, 7, 133-137.	1.0	64
47	Foxl2 gene and the development of the ovary: a story about goat, mouse, fish and woman. Reproduction, Nutrition, Development, 2005, 45, 377-382.	1.9	63
48	Sperm SPACA6 protein is required for mammalian Sperm-Egg Adhesion/Fusion. Scientific Reports, 2020, 10, 5335.	1.6	63
49	miR-34a expression, epigenetic regulation, and function in human placental diseases. Epigenetics, 2014, 9, 142-151.	1.3	62
50	Transcriptomic regulations in oligodendroglial and microglial cells related to brain damage following fetal growth restriction. Glia, 2016, 64, 2306-2320.	2.5	61
51	Construction and characterization of a sheep BAC library of three genome equivalents. Mammalian Genome, 1999, 10, 585-587.	1.0	60
52	STOX1 Overexpression in Choriocarcinoma Cells Mimics Transcriptional Alterations Observed in Preeclamptic Placentas. PLoS ONE, 2008, 3, e3905.	1.1	60
53	The identification and characterization of a FOXL2 response element provides insights into the pathogenesis of mutant alleles. Human Molecular Genetics, 2008, 17, 3118-3127.	1.4	58
54	Hypoxia-activated genes from early placenta are elevated in Preeclampsia, but not in Intra-Uterine Growth Retardation. BMC Genomics, 2005, 6, 111.	1.2	57

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55	Trophoblasts, invasion, and microRNA. Frontiers in Genetics, 2013, 4, 248.	1.1	56
56	Construction and extensive characterization of a goat Bacterial Artificial Chromosome library with threefold genome coverage. Mammalian Genome, 1998, 9, 119-124.	1.0	55
57	Serum profile in preeclampsia and intra-uterine growth restriction revealed by iTRAQ technology. Journal of Proteomics, 2010, 73, 1004-1017.	1.2	55
58	Novel genes and mutations in patients affected by recurrent pregnancy loss. PLoS ONE, 2017, 12, e0186149.	1.1	55
59	Hormonal Therapy Deregulates Prostaglandin-Endoperoxidase Synthase 2 (PTGS2) Expression in Endometriotic Tissues. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 881-890.	1.8	53
60	Cullins in Human Intra-Uterine Growth Restriction: Expressional and Epigenetic Alterations. Placenta, 2010, 31, 151-157.	0.7	52
61	Novel interferon delta genes in mammals: Cloning of one gene from the sheep, two genes expressed by the horse conceptus and discovery of related sequences in several taxa by genomic database screening. Gene, 2009, 433, 88-99.	1.0	51
62	Sphingosine pathway deregulation in endometriotic tissues. Fertility and Sterility, 2012, 97, 904-911.e5.	0.5	51
63	Genes, epigenetics and miRNA regulation in the placenta. Placenta, 2017, 52, 127-133.	0.7	51
64	Identification, characterization and metagenome analysis of oocyte-specific genes organized in clusters in the mouse genome. BMC Genomics, 2005, 6, 76.	1.2	50
65	EG-VEGF controls placental growth and survival in normal and pathological pregnancies: case of fetal growth restriction (FGR). Cellular and Molecular Life Sciences, 2013, 70, 511-525.	2.4	49
66	Comparative cytogenetic mapping reveals chromosome rearrangements between the X chromosomes of two closely related mammalian species (cattle and goats). Cytogenetic and Genome Research, 1998, 81, 36-41.	0.6	47
67	Individual multilocus genotypes using microsatellite polymorphisms to permit the analysis of the genetic variability within and between Italian beef cattle breeds1. Journal of Animal Science, 1995, 73, 3259-3268.	0.2	46
68	Fine Mapping Suggests that the Goat Polled Intersex Syndrome and the Human Blepharophimosis Ptosis Epicanthus Syndrome Map to a 100-kb Homologous Region. Genome Research, 2000, 10, 311-318.	2.4	44
69	Endothelial cell dysfunction and cardiac hypertrophy in the STOX1 model of preeclampsia. Scientific Reports, 2016, 6, 19196.	1.6	44
70	Humoral Immune Response to Equine Chorionic Gonadotropin in Ewes: Association with Major Histocompatibility Complex and Interference with Subsequent Fertility1. Biology of Reproduction, 1999, 61, 209-218.	1.2	43
71	Centimorgan-Range One-Step Mapping of Fertility Traits Using Interspecific Recombinant Congenic Mice. Genetics, 2007, 176, 1907-1921.	1.2	40
72	Prevention of gravidic endothelial hypertension by aspirin treatment administered from the 8th week of gestation. Hypertension Research, 2011, 34, 1116-1120.	1.5	40

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73	Positional cloning of the PIS mutation in goats and its impact on understanding mammalian sex-differentiation. Genetics Selection Evolution, 2005, 37, S55-64.	1.2	39
74	A hierarchical analysis of transcriptome alterations in intrauterine growth restriction (IUGR) reveals common pathophysiological pathways in mammals. Journal of Pathology, 2007, 213, 337-346.	2.1	39
75	Transcriptomic analysis of human placenta in intrauterine growth restriction. Pediatric Research, 2015, 77, 799-807.	1.1	39
76	Immune Modifications in Fetal Membranes Overlying the Cervix Precede Parturition in Humans. Journal of Immunology, 2017, 198, 1345-1356.	0.4	39
77	SLY regulates genes involved in chromatin remodeling and interacts with TBL1XR1 during sperm differentiation. Cell Death and Differentiation, 2017, 24, 1029-1044.	5.0	39
78	Kidney Gene Expression Analysis in a Rat Model of Intrauterine Growth Restriction Reveals Massive Alterations of Coagulation Genes. Endocrinology, 2007, 148, 5549-5557.	1.4	38
79	DNA Methylation, An Epigenetic Mode of Gene Expression Regulation in Reproductive Science. Current Pharmaceutical Design, 2014, 20, 1726-1750.	0.9	38
80	High-Resolution Human/Goat Comparative Map of the Goat Polled/Intersex Syndrome (PIS): The Human Homologue Is Contained in a Human YAC from HSA3q23. Genomics, 1999, 56, 31-39.	1.3	37
81	GoatSRYinduces testis development in XX transgenic mice. FEBS Letters, 2006, 580, 3715-3720.	1.3	37
82	The Intensity of IUGR-Induced Transcriptome Deregulations Is Inversely Correlated with the Onset of Organ Function in a Rat Model. PLoS ONE, 2011, 6, e21222.	1.1	36
83	Coding repeats and evolutionary â€œagilityâ€• BioEssays, 2005, 27, 581-587.	1.2	35
84	<scp>SSTY</scp> proteins coâ€•localize with the postâ€•meiotic sex chromatin and interact with regulators of its expression. FEBS Journal, 2014, 281, 1571-1584.	2.2	34
85	Impaired alveolarization and intraâ€•uterine growth restriction in rats: a postnatal genomeâ€•wide analysis. Journal of Pathology, 2015, 235, 420-430.	2.1	33
86	Enhancer functions andin vitroprotein binding of native and mutated interferon-responsive sequences. Nucleic Acids Research, 1989, 17, 1679-1695.	6.5	31
87	Combination of promoter hypomethylation and PDX1 overexpression leads toTBX15decrease in vascular IUGR placentas. Epigenetics, 2011, 6, 247-255.	1.3	31
88	Expression and epigenomic landscape of the sex chromosomes in mouse post-meiotic male germ cells. Epigenetics and Chromatin, 2016, 9, 47.	1.8	30
89	Inventory of Novel Animal Models Addressing Etiology of Preeclampsia in the Development of New Therapeutic/Intervention Opportunities. American Journal of Reproductive Immunology, 2016, 75, 402-410.	1.2	30
90	Construction of a cytogenetically anchored microsatellite map in rabbit. Mammalian Genome, 2005, 16, 442-459.	1.0	29

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91	Interleukin-6 induces the (2â€²â€“5â€²) oligoadenylate synthetase gene in M1 cells through an effect on the interferon-responsive enhancer. Cytokine, 1991, 3, 83-91.	1.4	28
92	Blood pressure changes during the first stage of labor and for the prediction of early postpartum preeclampsia: a prospective study. European Journal of Obstetrics, Gynecology and Reproductive Biology, 2015, 184, 103-107.	0.5	28
93	Genome-Wide Linkage in a Highly Consanguineous Pedigree Reveals Two Novel Loci on Chromosome 7 for Non-Syndromic Familial Premature Ovarian Failure. PLoS ONE, 2012, 7, e33412.	1.1	28
94	Conservation of a syntenic group of microsatellite loci between cattle and sheep. Mammalian Genome, 1994, 5, 310-314.	1.0	27
95	QTL affecting fleece traits in Angora goats. Small Ruminant Research, 2007, 71, 158-164.	0.6	27
96	Role of sperm Î±vÎ²3 integrin in mouse fertilization. Developmental Dynamics, 2010, 239, 773-783.	0.8	27
97	A Genomic Basis for the Evolution of Vertebrate Transcription Factors Containing Amino Acid Runs. Genetics, 2004, 167, 1813-1820.	1.2	26
98	Targeting STOX1 in the therapy of preeclampsia. Expert Opinion on Therapeutic Targets, 2016, 20, 1433-1443.	1.5	26
99	Identification of Susceptibility Genes for Peritoneal, Ovarian, and Deep Infiltrating Endometriosis Using a Pooled Sample-Based Genome-Wide Association Study. BioMed Research International, 2015, 2015, 1-8.	0.9	25
100	Endometriosis also affects the decidua in contact with the fetal membranes during pregnancy. Human Reproduction, 2015, 30, 392-405.	0.4	25
101	Battle of the Sex Chromosomes: Competition between X and Y Chromosome-Encoded Proteins for Partner Interaction and Chromatin Occupancy Drives Multicopy Gene Expression and Evolution in Muroid Rodents. Molecular Biology and Evolution, 2020, 37, 3453-3468.	3.5	25
102	Assignment of Bovine Synteny Groups U27 and U8 to R-banded Chromosome 12 and 27, Respectively. Hereditas, 2004, 120, 261-265.	0.5	24
103	Identification of New Quantitative Trait Loci (Other Than the PRNP Gene) Modulating the Scrapie Incubation Period in Sheep. Genetics, 2008, 179, 723-726.	1.2	24
104	Fidgetin-Like1 Is a Strong Candidate for a Dynamic Impairment of Male Meiosis Leading to Reduced Testis Weight in Mice. PLoS ONE, 2011, 6, e27582.	1.1	24
105	Long-term cardiovascular disorders in the STOX1 mouse model of preeclampsia. Scientific Reports, 2019, 9, 11918.	1.6	24
106	Immediate and durable effects of maternal tobacco consumption alter placental DNA methylation in enhancer and imprinted gene-containing regions. BMC Medicine, 2020, 18, 306.	2.3	24
107	Pregnancy exposure to synthetic phenols and placental DNA methylation â€" An epigenome-wide association study in male infants from the EDEN cohort. Environmental Pollution, 2021, 290, 118024.	3.7	24
108	Genetic mapping of the polled/intersex locus (PIS) in goats. Theriogenology, 1997, 47, 103-109.	0.9	23

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109	Genetic Polymorphisms of DNMT3L Involved in Hypermethylation of Chromosomal Ends Are Associated with Greater Risk of Developing Ovarian Endometriosis. American Journal of Pathology, 2012, 180, 1781-1786.	1.9	23
110	Preeclampsia induced by STOX1 overexpression in mice induces intrauterine growth restriction, abnormal ultrasonography and BOLD MRI signatures. Journal of Hypertension, 2018, 36, 1399-1406.	0.3	23
111	Cytogenetic localization of 44 new coding sequences in the horse. Mammalian Genome, 2000, 11, 1093-1097.	1.0	22
112	Preeclamptic Plasma Induces Transcription Modifications Involving the AP-1 Transcriptional Regulator JDP2 in Endothelial Cells. American Journal of Pathology, 2013, 183, 1993-2006.	1.9	22
113	In-vitro effects of Thymus munbyanus essential oil and thymol on human sperm motility and function. Reproductive BioMedicine Online, 2015, 31, 411-420.	1.1	22
114	Transcriptomic Analysis Brings New Insight into the Biological Role of the Prion Protein during Mouse Embryogenesis. PLoS ONE, 2011, 6, e23253.	1.1	22
115	Pregnancy exposure to phthalates and DNA methylation in male placenta â€" An epigenome-wide association study. Environment International, 2022, 160, 107054.	4.8	21
116	Identification of Quantitative Trait Loci responsible for embryonic lethality in mice assessed by ultrasonography. International Journal of Developmental Biology, 2009, 53, 623-629.	0.3	20
117	Modified Expression of Several Sperm Proteins after Chronic Exposure to the Antiandrogenic Compound Vinclozolin. Toxicological Sciences, 2010, 117, 475-484.	1.4	20
118	Obesogen effect of bisphenol S alters mRNA expression and DNA methylation profiling in male mouse liver. Chemosphere, 2020, 241, 125092.	4.2	20
119	Contribution of domestic animals to the identification of new genes involved in sex determination. The Journal of Experimental Zoology, 2001, 290, 700-708.	1.4	19
120	Gene expression profiling on sheep brain reveals differential transcripts in scrapie-affected/not-affected animals. Brain Research, 2007, 1142, 217-222.	1.1	19
121	Exploring the mechanistic bases of heterosis from the perspective of macromolecular complexes. FASEB Journal, 2011, 25, 476-482.	0.2	19
122	Polymorphisms of Human Placental Alkaline Phosphatase Are Associated with inÂVitro Fertilization Success and Recurrent Pregnancy Loss. American Journal of Pathology, 2014, 184, 362-368.	1.9	19
123	Alpha-1 microglobulin as a potential therapeutic candidate for treatment of hypertension and oxidative stress in the STOX1 preeclampsia mouse model. Scientific Reports, 2019, 9, 8561.	1.6	19
124	Hydroxyurea does not affect the spermatogonial pool in prepubertal patients with sickle cell disease. Blood, 2021, 137, 856-859.	0.6	19
125	A genetic and physical map of bovine Chromosome 11. Mammalian Genome, 1994, 5, 553-556.	1.0	18
126	A 12â€ƒ000-rad whole-genome radiation hybrid panel in sheep: application to the study of the ovine chromosome 18 region containing a QTL for scrapie susceptibility. Animal Genetics, 2007, 38, 358-363.	0.6	18

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127	QTL affecting conformation traits in Angora goats. Small Ruminant Research, 2007, 71, 255-263.	0.6	18
128	Re-evaluation of the role of STOX1 transcription factor in placental development and preeclampsia. Journal of Reproductive Immunology, 2009, 82, 174-181.	0.8	18
129	Construction and characterization of an ovine BAC contig spanning the callipyge locus. Animal Genetics, 2000, 31, 352-359.	0.6	17
130	mGlu3 receptor regulates microglial cell reactivity in neonatal rats. Journal of Neuroinflammation, 2021, 18, 13.	3.1	17
131	Profiling of oxygen-modulated gene expression in early human placenta by systematic sequencing of suppressive subtractive hybridization products. Physiological Genomics, 2005, 22, 99-107.	1.0	16
132	Interspecific resources: a major tool for quantitative trait locus cloning and speciation research. BioEssays, 2010, 32, 132-142.	1.2	16
133	Molecular Mechanisms of Trophoblast Dysfunction Mediated by Imbalance between STOX1 Isoforms. IScience, 2020, 23, 101086.	1.9	16
134	Genomics of Endometriosis: From Genome Wide Association Studies to Exome Sequencing. International Journal of Molecular Sciences, 2021, 22, 7297.	1.8	16
135	Lung microRNA deregulation associated with impaired alveolarization in rats after intrauterine growth restriction. PLoS ONE, 2017, 12, e0190445.	1.1	16
136	Assignment of bovine synteny group U2 to chromosome 9. Animal Genetics, 1994, 25, 183-185.	0.6	15
137	Association of FOXD1 variants with adverse pregnancy outcomes in mice and humans. Open Biology, 2016, 6, 160109.	1.5	15
138	Microsatellite Variation in an Introduced Mouflon Population. Journal of Heredity, 1997, 88, 517-520.	1.0	14
139	The steroidogenic factor-1 protein is not expressed in various forms of endometriosis but is strongly present in ovarian cortical or medullary mesenchymatous cells adjacent to endometriotic foci. Fertility and Sterility, 2011, 95, 2655-2657.	0.5	14
140	FOXD1 mutations are related to repeated implantation failure, intra-uterine growth restriction and preeclampsia. Molecular Medicine, 2019, 25, 37.	1.9	14
141	Protein binding to the interferon response enhancer correlates with interferon induction of 2'-5'-oligoadenylate synthetase in normal and interferon-resistant Friend cells. Journal of Virology, 1991, 65, 2081-2087.	1.5	14
142	Specific cytogenetic labeling of bovine spermatozoa bearing X or Y chromosomes using fluorescent in situ hybridization (FISH). Genetics Selection Evolution, 2001, 33, 89-98.	1.2	13
143	Conserved patterns of gene expression in mice and goats in the vicinity of the Polled Intersex Syndrome (PIS) locus. Chromosome Research, 2004, 12, 465-474.	1.0	13
144	The prion protein family: a view from the placenta. Frontiers in Cell and Developmental Biology, 2014, 2, 35.	1.8	13

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145	Multigenerational study of the obesogen effects of bisphenol S after a perinatal exposure in C57BL6/J mice fed a high fat diet. Environmental Pollution, 2021, 270, 116243.	3.7	13
146	Report of the first workshop on the genetic map of bovine chromosome 1. Animal Genetics, 1998, 29, 228-235.	0.6	13
147	An Integrative Analysis of Preeclampsia Based on the Construction of an Extended Composite Network Featuring Protein-Protein Physical Interactions and Transcriptional Relationships. PLoS ONE, 2016, 11, e0165849.	1.1	13
148	Comparative Linkage Mapping of Human Chromosome 13 and Bovine Chromosome 12. Genomics, 1997, 39, 47-54.	1.3	12
149	Gene expression regulation in the context of mouse interspecific mosaic genomes. Genome Biology, 2008, 9, R133.	13.9	12
150	A genetic and physical map of bovine chromosome 3. Animal Genetics, 1995, 26, 21-25.	0.6	12
151	Refined Mapping of a Quantitative Trait Locus on Chromosome 1 Responsible for Mouse Embryonic Death. PLoS ONE, 2012, 7, e43356.	1.1	12
152	Gestational age-related patterns of AMOT methylation are revealed in preterm infant endothelial progenitors. PLoS ONE, 2017, 12, e0186321.	1.1	12
153	Genomic duplication in the 19q13.42 imprinted region identified as a new genetic cause of intrauterine growth restriction. Clinical Genetics, 2018, 94, 575-580.	1.0	12
154	Low-dose aspirin protective effects are correlated with deregulation of HNF factor expression in the preeclamptic placentas from mice and humans. Cell Death Discovery, 2019, 5, 94.	2.0	12
155	Alternative splicing in normal and pathological human placentas is correlated to genetic variants. Human Genetics, 2021, 140, 827-848.	1.8	12
156	Synergism of type I and type II Interferons in stimulating the activity of the same DNA enhancer. FEBS Letters, 1990, 265, 12-16.	1.3	11
157	Corticotropin-releasing hormone effects on human pregnant vs. nonpregnant myometrium explants estimated from a mathematical model of uterine contraction. Journal of Applied Physiology, 2005, 99, 1157-1163.	1.2	11
158	Non-random, individual-specific methylation profiles are present at the sixth CTCF binding site in the human H19/IGF2 imprinting control region. Nucleic Acids Research, 2006, 34, 5438-5448.	6.5	11
159	Different exposure windows to low doses of genistein and/or vinclozolin result in contrasted disorders of testis function and gene expression of exposed rats and their unexposed progeny. Environmental Research, 2020, 190, 109975.	3.7	11
160	The Impact of Oxidative Stress of Environmental Origin on the Onset of Placental Diseases. Antioxidants, 2022, 11, 106.	2.2	11
161	Mapping of new bovine microsatellites on cattle Chromosome 15 with somatic cell hybrids, linkage analysis, and fluorescence in situ hybridization. Mammalian Genome, 1993, 4, 676-679.	1.0	10
162	Expression and Localization of Alpha-fetoprotein mRNA and Protein in Human Early Villous Trophoblasts. Placenta, 2006, 27, 812-821.	0.7	10

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163	Steroidogenic Factor-1 Expression in Ovarian Endometriosis. Applied Immunohistochemistry and Molecular Morphology, 2010, 18, 258-261.	0.6	10
164	Protein kinase CK2 contributes to placental development: physiological and pathological implications. Journal of Molecular Medicine, 2020, 98, 123-133.	1.7	10
165	The Prion-like protein Shadoo is involved in mouse embryonic and mammary development and differentiation. Scientific Reports, 2020, 10, 6765.	1.6	10
166	Characterization, genetic variation and chromosomal assignment to sheep chromosome 2 of the ovine heart fatty acid-binding protein gene (FABP3). Cytogenetic and Genome Research, 2002, 98, 270-273.	0.6	9
167	Identifying new potential genetic biomarkers for HELLP syndrome using massive parallel sequencing. Pregnancy Hypertension, 2020, 22, 181-190.	0.6	9
168	FOXL2 is a Progesterone Target Gene in the Endometrium of Ruminants. International Journal of Molecular Sciences, 2020, 21, 1478.	1.8	9
169	THBD sequence variants potentially related to recurrent pregnancy loss. Reproductive Biology and Endocrinology, 2017, 15, 92.	1.4	8
170	A genome-wide search for new imprinted genes in the human placenta identifies DSCAM as the first imprinted gene on chromosome 21. European Journal of Human Genetics, 2019, 27, 49-60.	1.4	8
171	Localization of fucosyl-transferase gene to bovine and goat Chromosome 7 and sheep Chromosome 5. Mammalian Genome, 1995, 6, 760-761.	1.0	7
172	Fertility, sex determination, and the X chromosome. Cytogenetic and Genome Research, 2002, 99, 224-228.	0.6	7
173	Mouse models for identifying genes modulating fertility parameters. Animal, 2009, 3, 55-71.	1.3	7
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