Daniel Vaiman

List of Publications by Year
in descending order

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223 papers	9,977 citations	31976 53 h-index	46799 89 g-index
257 all docs	257 docs citations	257 times ranked	10805 citing authors

#	Article	IF	Citations
1	The Impact of Oxidative Stress of Environmental Origin on the Onset of Placental Diseases. Antioxidants, 2022, 11, 106.	5.1	11
2	Pregnancy exposure to phthalates and DNA methylation in male placenta â€" An epigenome-wide association study. Environment International, 2022, 160, 107054.	10.0	21
3	Cyclic fertilin-derived peptide stimulates inÂvitro human embryo development. F&S Science, 2022, 3, 49-63.	0.9	0
4	Computational Models on Pathological Redox Signalling Driven by Pregnancy: A Review. Antioxidants, 2022, 11, 585.	5.1	4
5	White-Coat Free Genome-Wide Epigenetics of Human Blood Pressure. Hypertension, 2022, 79, 773-774.	2.7	1
6	Epoxiconazole alters the histology and transcriptome of mouse liver in a transgenerational pattern. Chemico-Biological Interactions, 2022, 360, 109952.	4.0	2
7	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.	7.5	13
8	Hydroxyurea does not affect the spermatogonial pool in prepubertal patients with sickle cell disease. Blood, 2021, 137, 856-859.	1.4	19
9	mGlu3 receptor regulates microglial cell reactivity in neonatal rats. Journal of Neuroinflammation, 2021, 18, 13.	7.2	17
10	Alternative splicing in normal and pathological human placentas is correlated to genetic variants. Human Genetics, 2021, 140, 827-848.	3.8	12
11	Predictable increase in female reproductive window: A simple model connecting age of reproduction, menopause, and longevity. BioEssays, 2021, 43, 2000233.	2.5	1
12	Co-invalidation of Prnp and Sprn in FVB/N mice affects reproductive performances and highlight complex biological relationship between PrP and Shadoo. Biochemical and Biophysical Research Communications, 2021, 551, 1-6.	2.1	2
13	Urothelial Cancer Associated 1 (UCA1) and miR-193 Are Two Non-coding RNAs Involved in Trophoblast Fusion and Placental Diseases. Frontiers in Cell and Developmental Biology, 2021, 9, 633937.	3.7	6
14	Genomics of Endometriosis: From Genome Wide Association Studies to Exome Sequencing. International Journal of Molecular Sciences, 2021, 22, 7297.	4.1	16
15	Nebulized curcumin protects neonatal lungs from antenatal insult in rats. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2021, 321, L545-L552.	2.9	3
16	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.	7.5	24
17	Impact of Fetal Growth Restriction on the Neonatal Microglial Proteome in the Rat. Nutrients, 2021, 13, 3719.	4.1	4
18	A fertilin-derived peptide improves in vitro maturation and ploidy of human oocytes. F&S Science, 2021, 3, 21-28.	0.9	0

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19	Obesogen effect of bisphenol S alters mRNA expression and DNA methylation profiling in male mouse liver. Chemosphere, 2020, 241, 125092.	8.2	20
20	Protein kinase CK2 contributes to placental development: physiological and pathological implications. Journal of Molecular Medicine, 2020, 98, 123-133.	3.9	10
21	Immediate and durable effects of maternal tobacco consumption alter placental DNA methylation in enhancer and imprinted gene-containing regions. BMC Medicine, 2020, 18, 306.	5.5	24
22	Identifying new potential genetic biomarkers for HELLP syndrome using massive parallel sequencing. Pregnancy Hypertension, 2020, 22, 181-190.	1.4	9
23	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.	8.9	25
24	Molecular Mechanisms of Trophoblast Dysfunction Mediated by Imbalance between STOX1 Isoforms. IScience, 2020, 23, 101086.	4.1	16
25	Identification of a New QTL Region on Mouse Chromosome 1 Responsible for Male Hypofertility: Phenotype Characterization and Candidate Genes. International Journal of Molecular Sciences, 2020, 21, 8506.	4.1	2
26	Towards an Epigenetic Treatment of Leiomyomas?. Endocrinology, 2020, 161, .	2.8	4
27	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.	7.5	11
28	Hepatic transcriptome and DNA methylation patterns following perinatal and chronic BPS exposure in male mice. BMC Genomics, 2020, 21, 881.	2.8	3
29	Sperm SPACA6 protein is required for mammalian Sperm-Egg Adhesion/Fusion. Scientific Reports, 2020, 10, 5335.	3.3	63
30	Exploring the Molecular Aetiology of Preeclampsia by Massive Parallel Sequencing of DNA. Current Hypertension Reports, 2020, 22, 31.	3.5	6
31	FOXL2 is a Progesterone Target Gene in the Endometrium of Ruminants. International Journal of Molecular Sciences, 2020, 21, 1478.	4.1	9
32	Placental Methylome Under Pressure. Hypertension, 2020, 75, 938-940.	2.7	0
33	The Prion-like protein Shadoo is involved in mouse embryonic and mammary development and differentiation. Scientific Reports, 2020, 10, 6765.	3.3	10
34	Epigenetics of Endometriosis. , 2019, , 506-512.		0
35	FOXD1 mutations are related to repeated implantation failure, intra-uterine growth restriction and preeclampsia. Molecular Medicine, 2019, 25, 37.	4.4	14
36	Long-term cardiovascular disorders in the STOX1 mouse model of preeclampsia. Scientific Reports, 2019, 9, 11918.	3.3	24

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37	The Role of Epigenetics in Placental Development and the Etiology of Preeclampsia. International Journal of Molecular Sciences, 2019, 20, 2837.	4.1	102
38	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.	3.3	19
39	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.	4.7	12
40	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.	2.8	8
41	Oxytocin receptor agonist reduces perinatal brain damage by targeting microglia. Glia, 2019, 67, 345-359.	4.9	65
42	At the Core of Preeclampsia Genetics: Key Insights into the Neurohormonal Contribution to Hypertensive Diseases of Pregnancy and Their Complications. Canadian Journal of Cardiology, 2019, 35, 19-22.	1.7	2
43	Preeclampsia induced by STOX1 overexpression in mice induces intrauterine growth restriction, abnormal ultrasonography and BOLD MRI signatures. Journal of Hypertension, 2018, 36, 1399-1406.	0.5	23
44	Are epigenetic modifications linked to BPS obesogen effect after perinatal exposure? Differential DNA methylation study in mouse livers. Toxicology Letters, 2018, 295, S132.	0.8	0
45	Mother smoking leads to methylation anomalies on â€˜smokeâ€™ genes in the offspring: Indelible traces of previous injuries. EBioMedicine, 2018, 38, 11-12.	6.1	1
46	Genomic duplication in the 19q13.42 imprinted region identified as a new genetic cause of intrauterine growth restriction. Clinical Genetics, 2018, 94, 575-580.	2.0	12
47	Pregnancy exposure to atmospheric pollution and meteorological conditions and placental DNA methylation. Environment International, 2018, 118, 334-347.	10.0	93
48	Oxidative Stress in Preeclampsia and Placental Diseases. International Journal of Molecular Sciences, 2018, 19, 1496.	4.1	339
49	Global Pregnancy Collaboration symposium on placental health: Summary and recommendations. Placenta, 2017, 52, 116-121.	1.5	3
50	Immune Modifications in Fetal Membranes Overlying the Cervix Precede Parturition in Humans. Journal of Immunology, 2017, 198, 1345-1356.	0.8	39
51	Genes, epigenetics and miRNA regulation in the placenta. Placenta, 2017, 52, 127-133.	1.5	51
52	Recent insights on the genetics and epigenetics of endometriosis. Clinical Genetics, 2017, 91, 254-264.	2.0	106
53	Novel genes and mutations in patients affected by recurrent pregnancy loss. PLoS ONE, 2017, 12, e0186149.	2.5	55
54	Gestational age-related patterns of AMOT methylation are revealed in preterm infant endothelial progenitors. PLoS ONE, 2017, 12, e0186321.	2.5	12

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55	THBD sequence variants potentially related to recurrent pregnancy loss. Reproductive Biology and Endocrinology, 2017, 15, 92.	3.3	8
56	SLY regulates genes involved in chromatin remodeling and interacts with TBL1XR1 during sperm differentiation. Cell Death and Differentiation, 2017, 24, 1029-1044.	11.2	39
57	Lung microRNA deregulation associated with impaired alveolarization in rats after intrauterine growth restriction. PLoS ONE, 2017, 12, e0190445.	2.5	16
58	ARNs non-codants: potentiel dâ€™utilisation thÃ©rapeutique. Bulletin De L'Academie Veterinaire De France, 2016, , 87.	0.0	0
59	Genetic and Epigenetic Marks Weave Intricate Connections in Cardiac Disease. Circulation Research, 2016, 118, 773-775.	4.5	0
60	Endothelial cell dysfunction and cardiac hypertrophy in the STOX1 model of preeclampsia. Scientific Reports, 2016, 6, 19196.	3.3	44
61	Association of FOXD1 variants with adverse pregnancy outcomes in mice and humans. Open Biology, 2016, 6, 160109.	3.6	15
62	Expression and epigenomic landscape of the sex chromosomes in mouse post-meiotic male germ cells. Epigenetics and Chromatin, 2016, 9, 47.	3.9	30
63	Transcriptomic regulations in oligodendroglial and microglial cells related to brain damage following fetal growth restriction. Glia, 2016, 64, 2306-2320.	4.9	61
64	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
65	Targeting STOX1 in the therapy of preeclampsia. Expert Opinion on Therapeutic Targets, 2016, 20, 1433-1443.	3.4	26
66	Correlation Between the Clinical Parameters and Tissue Phenotype in Patients Affected by Deep-Infiltrating Endometriosis. Reproductive Sciences, 2016, 23, 1258-1268.	2.5	7
67	A novel follicle-stimulating hormone receptor mutation causing primary ovarian failure: a fertility application of whole exome sequencing. Human Reproduction, 2016, 31, 905-914.	0.9	71
68	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.	2.5	13
69	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.	1.9	25
70	A Common Genetic Variant in the Insulin Receptor Gene Is Associated with Eating Difficulties at 2 Years of Age in a Cohort of Preterm Infants. Journal of Nutrigenetics and Nutrigenomics, 2015, 8, 153-163.	1.3	3
71	Transcriptomic analysis of human placenta in intrauterine growth restriction. Pediatric Research, 2015, 77, 799-807.	2.3	39
72	In-vitro effects of Thymus munbyanus essential oil and thymol on human sperm motility and function. Reproductive BioMedicine Online, 2015, 31, 411-420.	2.4	22

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73	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.	1.1	28
74	Endometriosis also affects the decidua in contact with the fetal membranes during pregnancy. Human Reproduction, 2015, 30, 392-405.	0.9	25
75	The placenta: phenotypic and epigenetic modifications induced by Assisted Reproductive Technologies throughout pregnancy. Clinical Epigenetics, 2015, 7, 87.	4.1	77
76	Impaired alveolarization and intraâ€uterine growth restriction in rats: a postnatal genomeâ€wide analysis. Journal of Pathology, 2015, 235, 420-430.	4.5	33
77	Reproductive performance: at the cross-road of genetics, technologies and environment. Reproduction, Fertility and Development, 2015, 27, 1.	0.4	3
78	Genetic regulation of recurrent spontaneous abortion in humans. Biomedical Journal, 2015, 38, 11.	3.1	65
79	Placental Dna Methylation Is Associated With Birth Weight And Maternal Smoking: An Epigenome-Wide Association Study. ISEE Conference Abstracts, 2015, 2015, 3156.	0.0	0
80	Effects Of Air Pollution During Pregnancy On Placental Dna Methylation: A Hypothesis-Driven Approach In A Set Of Cpgs Associated With Fetal Growth. ISEE Conference Abstracts, 2015, 2015, 2526.	0.0	0
81	Effects Of Air Pollution During Pregnancy On Placental Dna Methylation: An Epigenome-Wide Association Study. ISEE Conference Abstracts, 2015, 2015, 2513.	0.0	0
82	The prion protein family: a view from the placenta. Frontiers in Cell and Developmental Biology, 2014, 2, 35.	3.7	13
83	miR-34a expression, epigenetic regulation, and function in human placental diseases. Epigenetics, 2014, 9, 142-151.	2.7	62
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.	4.7	34
85	Nitroso-Redox Balance and Mitochondrial Homeostasis Are Regulated bySTOX1, a Pre-Eclampsia-Associated Gene. Antioxidants and Redox Signaling, 2014, 21, 819-834.	5.4	71
86	Hormonal Therapy Deregulates Prostaglandin-Endoperoxidase Synthase 2 (PTGS2) Expression in Endometriotic Tissues. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 881-890.	3.6	53
87	Alpha-1 microglobulin as a potential therapeutic candidate for the treatment of preeclampsia. Placenta, 2014, 35, A78.	1.5	1
88	Mutant Cohesin in Premature Ovarian Failure. New England Journal of Medicine, 2014, 370, 943-949.	27.0	244
89	Polymorphisms of Human Placental Alkaline Phosphatase Are Associated with inÂVitro Fertilization Success and Recurrent Pregnancy Loss. American Journal of Pathology, 2014, 184, 362-368.	3.8	19
90	DNA Methylation, An Epigenetic Mode of Gene Expression Regulation in Reproductive Science. Current Pharmaceutical Design, 2014, 20, 1726-1750.	1.9	38

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91	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.	5.4	49
92	Why preeclampsia still exists?. Medical Hypotheses, 2013, 81, 259-263.	1.5	5
93	Preeclamptic Plasma Induces Transcription Modifications Involving the AP-1 Transcriptional Regulator JDP2 in Endothelial Cells. American Journal of Pathology, 2013, 183, 1993-2006.	3.8	22
94	Preeclampsia-Like Symptoms Induced in Mice by Fetoplacental Expression of STOX1 Are Reversed by Aspirin Treatment. Hypertension, 2013, 61, 662-668.	2.7	96
95	Contamination alimentaire et effets Ã©pigÃ©nÃ©tiques. Cahiers De Nutrition Et De Dietetique, 2013, 48, 137-141.	0.3	1
96	Placental expression of the obesity-associated gene FTO is reduced by fetal growth restriction but not by macrosomia in rats and humans. Journal of Developmental Origins of Health and Disease, 2013, 4, 134-138.	1.4	7
97	Trophoblasts, invasion, and microRNA. Frontiers in Genetics, 2013, 4, 248.	2.3	56
98	Landscape of Transcriptional Deregulations in the Preeclamptic Placenta. PLoS ONE, 2013, 8, e65498.	2.5	70
99	A Genetic Basis for a Postmeiotic X Versus Y Chromosome Intragenomic Conflict in the Mouse. PLoS Genetics, 2012, 8, e1002900.	3.5	165
100	Serum and peritoneal interleukin-33 levels are elevated in deeply infiltrating endometriosis. Human Reproduction, 2012, 27, 2001-2009.	0.9	81
101	The Developing Kidney and the Fetal Origins of Adult Cardiovascular Disease. , 2012, , 139-153.		0
102	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.	1.4	164
103	A genome-wide approach reveals novel imprinted genes expressed in the human placenta. Epigenetics, 2012, 7, 1079-1090.	2.7	81
104	Genetic and epigenetic mechanisms collaborate to control SERPINA3 expression and its association with placental diseases. Human Molecular Genetics, 2012, 21, 1968-1978.	2.9	79
105	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.	3.8	23
106	Sphingosine pathway deregulation in endometriotic tissues. Fertility and Sterility, 2012, 97, 904-911.e5.	1.0	51
107	Refined Mapping of a Quantitative Trait Locus on Chromosome 1 Responsible for Mouse Embryonic Death. PLoS ONE, 2012, 7, e43356.	2.5	12
108	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.	2.5	28

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109	Ã‰pigÃ©nÃ©tique et croissance fÅ“tale. , 2012, , 63-72.		0
110	Prevention of gravidic endothelial hypertension by aspirin treatment administered from the 8th week of gestation. Hypertension Research, 2011, 34, 1116-1120.	2.7	40
111	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.	1.0	14
112	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.	2.5	24
113	Combination of promoter hypomethylation and PDX1 overexpression leads toTBX15decrease in vascular IUGR placentas. Epigenetics, 2011, 6, 247-255.	2.7	31
114	Functional Screening of TLRs in Human Amniotic Epithelial Cells. Journal of Immunology, 2011, 187, 2766-2774.	0.8	74
115	Exploring the mechanistic bases of heterosis from the perspective of macromolecular complexes. FASEB Journal, 2011, 25, 476-482.	0.5	19
116	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.	2.5	36
117	Transcriptomic Analysis Brings New Insight into the Biological Role of the Prion Protein during Mouse Embryogenesis. PLoS ONE, 2011, 6, e23253.	2.5	22
118	Steroidogenic Factor-1 Expression in Ovarian Endometriosis. Applied Immunohistochemistry and Molecular Morphology, 2010, 18, 258-261.	1.2	10
119	Cullins in Human Intra-Uterine Growth Restriction: Expressional and Epigenetic Alterations. Placenta, 2010, 31, 151-157.	1.5	52
120	Placental BDNF/TrkB Signaling System is Modulated by Fetal Growth Disturbances in Rat and Human. Placenta, 2010, 31, 785-791.	1.5	70
121	Role of sperm Î±vÎ²3 integrin in mouse fertilization. Developmental Dynamics, 2010, 239, 773-783.	1.8	27
122	Interspecific resources: a major tool for quantitative trait locus cloning and speciation research. BioEssays, 2010, 32, 132-142.	2.5	16
123	Serum profile in preeclampsia and intra-uterine growth restriction revealed by iTRAQ technology. Journal of Proteomics, 2010, 73, 1004-1017.	2.4	55
124	Specific epigenetic alterations of IGF2-H19 locus in spermatozoa from infertile men. European Journal of Human Genetics, 2010, 18, 73-80.	2.8	226
125	Heterosis. Plant Cell, 2010, 22, 2105-2112.	6.6	425
126	Modulation of imprinted gene network in placenta results in normal development of in vitro manipulated mouse embryos. Human Molecular Genetics, 2010, 19, 1779-1790.	2.9	68

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127	Modified Expression of Several Sperm Proteins after Chronic Exposure to the Antiandrogenic Compound Vinclozolin. Toxicological Sciences, 2010, 117, 475-484.	3.1	20
128	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
129	In Vitro Fertilization and Embryo Culture Strongly Impact the Placental Transcriptome in the Mouse Model. PLoS ONE, 2010, 5, e9218.	2.5	75
130	Identification of Quantitative Trait Loci responsible for embryonic lethality in mice assessed by ultrasonography. International Journal of Developmental Biology, 2009, 53, 623-629.	0.6	20
131	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.	6.0	107
132	Re-evaluation of the role of STOX1 transcription factor in placental development and preeclampsia. Journal of Reproductive Immunology, 2009, 82, 174-181.	1.9	18
133	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.	2.2	51
134	Mouse models for identifying genes modulating fertility parameters. Animal, 2009, 3, 55-71.	3.3	7
135	Gene expression regulation in the context of mouse interspecific mosaic genomes. Genome Biology, 2008, 9, R133.	9.6	12
136	Genetic and epigenetic factors contribute to the onset of preeclampsia. Molecular and Cellular Endocrinology, 2008, 282, 120-129.	3.2	100
137	Identification of New Quantitative Trait Loci (Other Than the PRNP Gene) Modulating the Scrapie Incubation Period in Sheep. Genetics, 2008, 179, 723-726.	2.9	24
138	The identification and characterization of a FOXL2 response element provides insights into the pathogenesis of mutant alleles. Human Molecular Genetics, 2008, 17, 3118-3127.	2.9	58
139	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
140	STOX1 Overexpression in Choriocarcinoma Cells Mimics Transcriptional Alterations Observed in Preeclamptic Placentas. PLoS ONE, 2008, 3, e3905.	2.5	60
141	Kidney Gene Expression Analysis in a Rat Model of Intrauterine Growth Restriction Reveals Massive Alterations of Coagulation Genes. Endocrinology, 2007, 148, 5549-5557.	2.8	38
142	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.	7.1	108
143	Expressional and Epigenetic Alterations of Placental Serine Protease Inhibitors. Hypertension, 2007, 49, 76-83.	2.7	125
144	Centimorgan-Range One-Step Mapping of Fertility Traits Using Interspecific Recombinant Congenic Mice. Genetics, 2007, 176, 1907-1921.	2.9	40

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145	Assisted Reproductive Technology affects developmental kinetics, H19 Imprinting Control Region methylation and H19gene expression in individual mouse embryos. BMC Developmental Biology, 2007, 7, 116.	2.1	183
146	A hierarchical analysis of transcriptome alterations in intrauterine growth restriction (IUGR) reveals common pathophysiological pathways in mammals. Journal of Pathology, 2007, 213, 337-346.	4.5	39
147	A 12â€ƒ000â€rad wholeâ€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.	1.7	18
148	Gene expression profiling on sheep brain reveals differential transcripts in scrapie-affected/not-affected animals. Brain Research, 2007, 1142, 217-222.	2.2	19
149	QTL affecting fleece traits in Angora goats. Small Ruminant Research, 2007, 71, 158-164.	1.2	27
150	QTL affecting conformation traits in Angora goats. Small Ruminant Research, 2007, 71, 255-263.	1.2	18
151	Goat SRY induces testis development in XX transgenic mice. FEBS Letters, 2006, 580, 3715-3720.	2.8	37
152	Expression and Localization of Alpha-fetoprotein mRNA and Protein in Human Early Villous Trophoblasts. Placenta, 2006, 27, 812-821.	1.5	10
153	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, 35, 701-701.	14.5	5
154	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.	14.5	11
155	Positional cloning of the PIS mutation in goats and its impact on understanding mammalian sex-differentiation. Genetics Selection Evolution, 2005, 37, S55-64.	3.0	39
156	Hypoxia-activated genes from early placenta are elevated in Preeclampsia, but not in Intra-Uterine Growth Retardation. BMC Genomics, 2005, 6, 111.	2.8	57
157	Identification, characterization and metagenome analysis of oocyte-specific genes organized in clusters in the mouse genome. BMC Genomics, 2005, 6, 76.	2.8	50
158	Coding repeats and evolutionary â€œagilityâ€• BioEssays, 2005, 27, 581-587.	2.5	35
159	Construction of a cytogenetically anchored microsatellite map in rabbit. Mammalian Genome, 2005, 16, 442-459.	2.2	29
160	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
161	Foxl2 gene and the development of the ovary: a story about goat, mouse, fish and woman. Reproduction, Nutrition, Development, 2005, 45, 729.	1.9	3
162	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.	2.5	11

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163	Profiling of oxygen-modulated gene expression in early human placenta by systematic sequencing of suppressive subtractive hybridization products. Physiological Genomics, 2005, 22, 99-107.	2.3	16
164	Positional cloning of the PIS mutation in goats and its impact on understanding mammalian sex-differentiation. Genetics Selection Evolution, 2005, 37, S55-S64.	3.0	3
165	A Genomic Basis for the Evolution of Vertebrate Transcription Factors Containing Amino Acid Runs. Genetics, 2004, 167, 1813-1820.	2.9	26
166	Assignment of Bovine Synteny Groups U27 and U8 to R-banded Chromosome 12 and 27, Respectively. Hereditas, 2004, 120, 261-265.	1.4	24
167	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.	2.2	13
168	Interspecific Chromosome-Wide Transcription Profiles Reveal the Existence of Mammalian-Specific and Species-Specific Chromosome Domains. Journal of Molecular Evolution, 2004, 59, 317-328.	1.8	4
169	Sexy transgenes: the impact of gene transfer and gene inactivation technologies on the understanding of mammalian sex determination. Transgenic Research, 2003, 12, 255-269.	2.4	5
170	Mapping of the goat stearoyl coenzyme A desaturase gene to chromosome 26. Animal Genetics, 2003, 34, 474-475.	1.7	5
171	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.	1.1	9
172	Fertility, sex determination, and the X chromosome. Cytogenetic and Genome Research, 2002, 99, 224-228.	1.1	7
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