StÃ©phane Fabre

List of Publications by Year
in descending order

78 papers	4,489 citations	94433 37 h-index	106344 65 g-index
84 all docs	84 docs citations	84 times ranked	3705 citing authors

#	Article	IF	Citations
1	At the crossroads of fertility and metabolism: the importance of AMPK-dependent signaling in female infertility associated with hyperandrogenism. Human Reproduction, 2022, 37, 1207-1228.	0.9	13
2	Endothelial cellâ€derived fibroblast growth factorâ€18 regulates ovarian function in sheep. Journal of Cellular Physiology, 2022, , .	4.1	1
3	A Nonsense Variant in CCDC65 Gene Causes Respiratory Failure Associated with Increased Lamb Mortality in French Lacaune Dairy Sheep. Genes, 2022, 13, 45.	2.4	7
4	New Anti-MÃ¼llerian Hormone Target Genes Involved in Granulosa Cell Survival in Women With Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2021, 106, e1271-e1289.	3.6	9
5	A novel homozygous nonsense mutation in ITGB4 gene causes epidermolysis bullosa in Mouton VendÃ©en sheep. Animal Genetics, 2021, 52, 138-139.	1.7	5
6	The ovarian follicle of ruminants: the path from conceptus to adult. Reproduction, Fertility and Development, 2021, 33, 621-642.	0.4	12
7	Development of a SNP parentage assignment panel in some North-Eastern Spanish meat sheep breeds. Spanish Journal of Agricultural Research, 2021, 18, e0406.	0.6	0
8	Identification of homozygous haplotypes carrying putative recessive lethal mutations that compromise fertility traits in French Lacaune dairy sheep. Genetics Selection Evolution, 2021, 53, 41.	3.0	9
9	Tissue Resources for the Functional Annotation of Animal Genomes. Frontiers in Genetics, 2021, 12, 666265.	2.3	1
10	Prenatal programming by testosterone of follicular theca cell functions in ovary. Cellular and Molecular Life Sciences, 2020, 77, 1177-1196.	5.4	9
11	Genome-Wide Identification of a Regulatory Mutation in BMP15 Controlling Prolificacy in Sheep. Frontiers in Genetics, 2020, 11, 585.	2.3	12
12	A new allele in the BMP15 gene (FecX) that affects prolificacy co-segregates with FecX and FecX in Rasa aragonesa sheep. Theriogenology, 2020, 144, 107-111.	2.1	13
13	DÃ©veloppement folliculaire ovarien et ovulation chez les mammifÃ¨res. INRA Productions Animales, 2020, 22, 59-76.	0.5	12
14	Folliculogenesis. , 2019, , 377-398.		10
15	Polymorphism identification in ovine KISS1R/GPR54 gene among pure and crossbreeds of Iranian sheep. Small Ruminant Research, 2019, 173, 23-29.	1.2	2
16	Multi-species annotation of transcriptome and chromatin structure in domesticated animals. BMC Biology, 2019, 17, 108.	3.8	109
17	The high prolificacy of Dâ€™man sheep is associated with the segregation of the FecL^L mutation in the B4GALNT2 gene. Reproduction in Domestic Animals, 2019, 54, 531-537.	1.4	16
18	Transcriptome analysis of ovine granulosa cells reveals differences between small antral follicles collected during the follicular and luteal phases. Theriogenology, 2018, 108, 103-117.	2.1	16

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19	126 Regulation of initiation of follicle growth and dynamics of early follicular development in the sheep.. Journal of Animal Science, 2018, 96, 343-344.	0.5	3
20	Presence of causative mutations affecting prolificacy in the Noire du Velay and Mouton VendÃ©en sheep breeds. Livestock Science, 2018, 216, 44-50.	1.6	12
21	Detection of single nucleotide polymorphisms at major prolificacy genes in the Mehraban sheep and association with litter size. Annals of Animal Science, 2018, 18, 685-698.	1.6	25
22	BMP15 regulates the inhibin/activin system independently of ovulation rate control in sheep. Reproduction, 2017, 153, 395-404.	2.6	8
23	Genome-Wide Identification of the Mutation Underlying Fleece Variation and Discriminating Ancestral Hairy Species from Modern Woolly Sheep. Molecular Biology and Evolution, 2017, 34, 1722-1729.	8.9	76
24	FecX Bar a Novel BMP15 mutation responsible for prolificacy and female sterility in Tunisian Barbarine Sheep. BMC Genetics, 2017, 18, 43.	2.7	56
25	Differentially expressed genes and gene networks involved in pig ovarian follicular atresia. Physiological Genomics, 2017, 49, 67-80.	2.3	59
26	Variation in Recombination Rate and Its Genetic Determinism in Sheep Populations. Genetics, 2017, 207, 767-784.	2.9	55
27	The Bone Morphogenetic Protein 15 Up-Regulates the Anti-MÃ¼llerian Hormone Receptor Expression in Granulosa Cells. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 2602-2611.	3.6	44
28	Anti-MÃ¼llerian Hormone Regulation by the Bone Morphogenetic Proteins in the Sheep Ovary: Deciphering a Direct Regulatory Pathway. Endocrinology, 2015, 156, 301-313.	2.8	51
29	Genome-Wide Characterization of RNA Editing in Chicken Embryos Reveals Common Features among Vertebrates. PLoS ONE, 2015, 10, e0126776.	2.5	15
30	The fundamental role of bone morphogenetic protein 15 in ovarian function and its involvement in female fertility disorders. Human Reproduction Update, 2014, 20, 869-883.	10.8	197
31	Evolutionary Origin of Bone Morphogenetic Protein 15 and Growth and Differentiation Factor 9 and Differential Selective Pressure Between Mono- and Polyovulating Species1. Biology of Reproduction, 2014, 91, 83.	2.7	24
32	The Ovarian Reserve of Primordial Follicles and the Dynamic Reserve of Antral Growing Follicles: What Is the Link?1. Biology of Reproduction, 2014, 90, 85.	2.7	158
33	Regulation of anti-MÃ¼llerian hormone production in domestic animals. Reproduction, Fertility and Development, 2013, 25, 1.	0.4	115
34	Genome-Wide Association Studies Identify Two Novel BMP15 Mutations Responsible for an Atypical Hyperprolificacy Phenotype in Sheep. PLoS Genetics, 2013, 9, e1003482.	3.5	145
35	The Highly Prolific Phenotype of Lacaune Sheep Is Associated with an Ectopic Expression of the B4GALNT2 Gene within the Ovary. PLoS Genetics, 2013, 9, e1003809.	3.5	90
36	Positive Selection in Bone Morphogenetic Protein 15 Targets a Natural Mutation Associated with Primary Ovarian Insufficiency in Human. PLoS ONE, 2013, 8, e78199.	2.5	20

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37	LxrÎ± Regulates the Androgen Response in Prostate Epithelium. Endocrinology, 2012, 153, 3211-3223.	2.8	20
38	Genetic control of multiple births in low ovulating mammalian species. Mammalian Genome, 2012, 23, 727-740.	2.2	32
39	DynPeak: An Algorithm for Pulse Detection and Frequency Analysis in Hormonal Time Series. PLoS ONE, 2012, 7, e39001.	2.5	58
40	Determination of anti-MÃ¼llerian hormone concentrations in blood as a tool to select Holstein donor cows for embryo production: from the laboratory to the farm. Reproduction, Fertility and Development, 2012, 24, 932.	0.4	88
41	The ovarian reserve in mammals: A functional and evolutionary perspective. Molecular and Cellular Endocrinology, 2012, 356, 2-12.	3.2	68
42	Genetic defects of ovarian TGF-Î²-like factors and premature ovarian failure. Journal of Endocrinological Investigation, 2011, 34, 244-251.	3.3	40
43	Anti-MÃ¼llerian hormone as a predictive endocrine marker for embryo production in the goat. Reproduction, 2011, 142, 845-854.	2.6	83
44	Regulation of Anti-MÃ¼llerian Hormone Production in the Cow: A Multiscale Study at Endocrine, Ovarian, Follicular, and Granulosa Cell Levels1. Biology of Reproduction, 2011, 84, 560-571.	2.7	116
45	Endocrine Characterization of the Reproductive Axis in Highly Prolific Lacaune Sheep Homozygous for the FecLL Mutation1. Biology of Reproduction, 2010, 82, 815-824.	2.7	28
46	First Evidence of Bone Morphogenetic Protein 1 Expression and Activity in Sheep Ovarian Follicles1. Biology of Reproduction, 2010, 83, 138-146.	2.7	21
47	Anti-MÃ¼llerian hormone: a predictive marker of embryo production in cattle?. Reproduction, Fertility and Development, 2010, 22, 1083.	0.4	65
48	Anti-Mullerian Hormone Is an Endocrine Marker of Ovarian Gonadotropin-Responsive Follicles and Can Help to Predict Superovulatory Responses in the Cow. Biology of Reproduction, 2009, 80, 50-59.	2.7	206
49	Fine mapping of the FecL locus influencing prolificacy in Lacaune sheep. Animal Genetics, 2009, 40, 804-812.	1.7	49
50	Expression and modulation of translocator protein and its partners by hypoxia reoxygenation or ischemia and reperfusion in porcine renal models. American Journal of Physiology - Renal Physiology, 2009, 297, F177-F190.	2.7	27
51	Intrafollicular Steroids and Anti-MÃ¼llerian Hormone During Normal and Cystic Ovarian Follicular Development in the Cow1. Biology of Reproduction, 2008, 79, 387-396.	2.7	91
52	In vivo gene expression in granulosa cells during pig terminal follicular development. Reproduction, 2008, 136, 211-224.	2.6	54
53	Expression of Genes Coding for a Complete BMP Signalling System in the Reproductive Tract of Ram.. Biology of Reproduction, 2008, 78, 296-296.	2.7	1
54	A Novel Mutation in the Bone Morphogenetic Protein 15 Gene Causing Defective Protein Secretion Is Associated with Both Increased Ovulation Rate and Sterility in Lacaune Sheep. Endocrinology, 2007, 148, 393-400.	2.8	191

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55	Regulation of ovulation rate in mammals: contribution of sheep genetic models. Reproductive Biology and Endocrinology, 2006, 4, 20.	3.3	160
56	Integrins in the Ovary. Seminars in Reproductive Medicine, 2006, 24, 251-261.	1.1	32
57	FOXL2 activates P450 aromatase gene transcription: towards a better characterization of the early steps of mammalian ovarian development. Journal of Molecular Endocrinology, 2006, 36, 399-413.	2.5	223
58	Testing the antagonistic effect of follistatin on BMP family members in ovine granulosa cells. Reproduction, Nutrition, Development, 2005, 45, 419-425.	1.9	17
59	BMP-4 inhibits follicle-stimulating hormone secretion in ewe pituitary. Journal of Endocrinology, 2005, 186, 109-121.	2.6	90
60	Cytoskeleton reorganization mediates alpha6beta1 integrin-associated actions of laminin on proliferation and survival, but not on steroidogenesis of ovine granulosa cells. Reproductive Biology and Endocrinology, 2005, 3, 19.	3.3	15
61	Molecular basis of bone morphogenetic protein-4 inhibitory action on progesterone secretion by ovine granulosa cells. Journal of Molecular Endocrinology, 2004, 33, 805-817.	2.5	60
62	Expression and Functional Role of Peroxisome Proliferator-Activated Receptor-Î³ in Ovarian Folliculogenesis in the Sheep1. Biology of Reproduction, 2003, 69, 1665-1674.	2.7	83
63	The Booroola mutation in sheep is associated with an alteration of the bone morphogenetic protein receptor-IB functionality. Journal of Endocrinology, 2003, 177, 435-444.	2.6	75
64	Regulation of ovarian folliculogenesis by IGF and BMP system in domestic animals. Domestic Animal Endocrinology, 2002, 23, 139-154.	1.6	134
65	Cesbone morphogenetic proteinsqui rÃ¨glent le quota ovulatoire. Medecine/Sciences, 2002, 18, 1195-1196.	0.2	0
66	Mutation in bone morphogenetic protein receptor-IB is associated with increased ovulation rate in Booroola Merino ewes. Proceedings of the National Academy of Sciences of the United States of America, 2001, 98, 5104-5109.	7.1	416
67	Identification of functional PDZ domain binding sites in several human proteins. Molecular Biology Reports, 2000, 27, 217-224.	2.3	24
68	The PDZ Protein TIP-1 Interacts with the Rho Effector Rhotekin and Is Involved in Rho Signaling to the Serum Response Element. Journal of Biological Chemistry, 2000, 275, 33962-33968.	3.4	64
69	Transcriptional Interferences between Normal or Mutant Androgen Receptors and the Activator Protein 1â€”Dissection of the Androgen Receptor Functional Domains¹. Endocrinology, 1999, 140, 350-357.	2.8	41
70	The C-terminus of the HTLV-1 Tax oncoprotein mediates interaction with the PDZ domain of cellular proteins. Oncogene, 1998, 16, 643-654.	5.9	177
71	Ubiquitous transcription factors NF1 and Sp1 are involved in the androgen activation of the mouse vas deferens protein promoter. Molecular and Cellular Endocrinology, 1997, 132, 13-23.	3.2	32
72	Protein kinase C pathway potentiates androgen-mediated gene expression of the mouse was deferens specific aldose reductase-like protein (MVDP). Molecular and Cellular Endocrinology, 1996, 124, 79-86.	3.2	12

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73	Vas deferens epithelial cells in subculture: a model to study androgen regulation of gene expression. Journal of Molecular Endocrinology, 1995, 15, 129-141.	2.5	11
74	Characterization of the promoter of the gene for a mouse vas deferens protein related to the aldo-keto reductase superfamily: Effect of steroid hormones and phorbol esters. Journal of Steroid Biochemistry and Molecular Biology, 1995, 55, 315-325.	2.5	8
75	Identification of a functional androgen response element in the promoter of the gene for the androgen-regulated aldose reductase-like protein specific to the mouse vas deferens.. Journal of Biological Chemistry, 1994, 269, 5857-5864.	3.4	62
76	Identification of a functional androgen response element in the promoter of the gene for the androgen-regulated aldose reductase-like protein specific to the mouse vas deferens. Journal of Biological Chemistry, 1994, 269, 5857-64.	3.4	45
77	The genomic organization and DNA sequence of the mouse vas deferens androgen-regulated protein gene. Journal of Steroid Biochemistry and Molecular Biology, 1992, 42, 561-568.	2.5	27
78	Prolificacy genes in sheep: the French genetic programmes. Bioscientifica Proceedings, 0, , .	1.0	0