

Stéphane Fabre

List of Publications by Year in descending order

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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	Mutation in bone morphogenetic protein receptor-1B 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
2	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
3	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
4	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
5	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
6	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
7	Regulation of ovulation rate in mammals: contribution of sheep genetic models. Reproductive Biology and Endocrinology, 2006, 4, 20.	3.3	160
8	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
9	Genome-Wide Association Studies Identify Two Novel BMP15 Mutations Responsible for an Atypical Hyperproliferacy Phenotype in Sheep. PLoS Genetics, 2013, 9, e1003482.	3.5	145
10	Regulation of ovarian folliculogenesis by IGF and BMP system in domestic animals. Domestic Animal Endocrinology, 2002, 23, 139-154.	1.6	134
11	Regulation of Anti-Müllerian 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
12	Regulation of anti-Müllerian hormone production in domestic animals. Reproduction, Fertility and Development, 2013, 25, 1.	0.4	115
13	Multi-species annotation of transcriptome and chromatin structure in domesticated animals. BMC Biology, 2019, 17, 108.	3.8	109
14	Intrafollicular Steroids and Anti-Müllerian Hormone During Normal and Cystic Ovarian Follicular Development in the Cow1. Biology of Reproduction, 2008, 79, 387-396.	2.7	91
15	BMP-4 inhibits follicle-stimulating hormone secretion in ewe pituitary. Journal of Endocrinology, 2005, 186, 109-121.	2.6	90
16	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
17	Determination of anti-Müllerian 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
18	Expression and Functional Role of Peroxisome Proliferator-Activated Receptor- γ 3 in Ovarian Folliculogenesis in the Sheep1. Biology of Reproduction, 2003, 69, 1665-1674.	2.7	83

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19	Anti-Müllerian hormone as a predictive endocrine marker for embryo production in the goat. <i>Reproduction</i> , 2011, 142, 845-854.	2.6	83
20	Genome-Wide Identification of the Mutation Underlying Fleece Variation and Discriminating Ancestral Hairy Species from Modern Woolly Sheep. <i>Molecular Biology and Evolution</i> , 2017, 34, 1722-1729.	8.9	76
21	The Booroola mutation in sheep is associated with an alteration of the bone morphogenetic protein receptor-IB functionality. <i>Journal of Endocrinology</i> , 2003, 177, 435-444.	2.6	75
22	The ovarian reserve in mammals: A functional and evolutionary perspective. <i>Molecular and Cellular Endocrinology</i> , 2012, 356, 2-12.	3.2	68
23	Anti-Müllerian hormone: a predictive marker of embryo production in cattle?. <i>Reproduction, Fertility and Development</i> , 2010, 22, 1083.	0.4	65
24	The PDZ Protein TIP-1 Interacts with the Rho Effector Rhotekin and Is Involved in Rho Signaling to the Serum Response Element. <i>Journal of Biological Chemistry</i> , 2000, 275, 33962-33968.	3.4	64
25	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.. <i>Journal of Biological Chemistry</i> , 1994, 269, 5857-5864.	3.4	62
26	Molecular basis of bone morphogenetic protein-4 inhibitory action on progesterone secretion by ovine granulosa cells. <i>Journal of Molecular Endocrinology</i> , 2004, 33, 805-817.	2.5	60
27	Differentially expressed genes and gene networks involved in pig ovarian follicular atresia. <i>Physiological Genomics</i> , 2017, 49, 67-80.	2.3	59
28	DynPeak: An Algorithm for Pulse Detection and Frequency Analysis in Hormonal Time Series. <i>PLoS ONE</i> , 2012, 7, e39001.	2.5	58
29	FecX Bar a Novel BMP15 mutation responsible for prolificacy and female sterility in Tunisian Barbarine Sheep. <i>BMC Genetics</i> , 2017, 18, 43.	2.7	56
30	Variation in Recombination Rate and Its Genetic Determinism in Sheep Populations. <i>Genetics</i> , 2017, 207, 767-784.	2.9	55
31	In vivo gene expression in granulosa cells during pig terminal follicular development. <i>Reproduction</i> , 2008, 136, 211-224.	2.6	54
32	Anti-Müllerian Hormone Regulation by the Bone Morphogenetic Proteins in the Sheep Ovary: Deciphering a Direct Regulatory Pathway. <i>Endocrinology</i> , 2015, 156, 301-313.	2.8	51
33	Fine mapping of the <i>FecL</i> locus influencing prolificacy in Lacaune sheep. <i>Animal Genetics</i> , 2009, 40, 804-812.	1.7	49
34	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. <i>Journal of Biological Chemistry</i> , 1994, 269, 5857-64.	3.4	45
35	The Bone Morphogenetic Protein 15 Up-Regulates the Anti-Müllerian Hormone Receptor Expression in Granulosa Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 2602-2611.	3.6	44
36	Transcriptional Interferences between Normal or Mutant Androgen Receptors and the Activator Protein 1—Dissection of the Androgen Receptor Functional Domains ¹ . <i>Endocrinology</i> , 1999, 140, 350-357.	2.8	41

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37	Genetic defects of ovarian TGF- β 2-like factors and premature ovarian failure. Journal of Endocrinological Investigation, 2011, 34, 244-251.	3.3	40
38	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
39	Integrins in the Ovary. Seminars in Reproductive Medicine, 2006, 24, 251-261.	1.1	32
40	Genetic control of multiple births in low ovulating mammalian species. Mammalian Genome, 2012, 23, 727-740.	2.2	32
41	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
42	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
43	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
44	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
45	Identification of functional PDZ domain binding sites in several human proteins. Molecular Biology Reports, 2000, 27, 217-224.	2.3	24
46	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
47	First Evidence of Bone Morphogenetic Protein 1 Expression and Activity in Sheep Ovarian Follicles1. Biology of Reproduction, 2010, 83, 138-146.	2.7	21
48	Lxr α Regulates the Androgen Response in Prostate Epithelium. Endocrinology, 2012, 153, 3211-3223.	2.8	20
49	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
50	Testing the antagonistic effect of follistatin on BMP family members in ovine granulosa cells. Reproduction, Nutrition, Development, 2005, 45, 419-425.	1.9	17
51	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
52	The high prolificacy of Dâ€™man sheep is associated with the segregation of the <i>FecL^L</i> mutation in the <i>B4GALNT2</i> gene. Reproduction in Domestic Animals, 2019, 54, 531-537.	1.4	16
53	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
54	Genome-Wide Characterization of RNA Editing in Chicken Embryos Reveals Common Features among Vertebrates. PLoS ONE, 2015, 10, e0126776.	2.5	15

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55	A new allele in the BMP15 gene (FecX) that affects prolificacy co-segregates with FecX and FecX in Rasa aragonesa sheep. <i>Theriogenology</i> , 2020, 144, 107-111.	2.1	13
56	At the crossroads of fertility and metabolism: the importance of AMPK-dependent signaling in female infertility associated with hyperandrogenism. <i>Human Reproduction</i> , 2022, 37, 1207-1228.	0.9	13
57	Protein kinase C pathway potentiates androgen-mediated gene expression of the mouse vas deferens specific aldose reductase-like protein (MVDP). <i>Molecular and Cellular Endocrinology</i> , 1996, 124, 79-86.	3.2	12
58	Presence of causative mutations affecting prolificacy in the Noire du Velay and Mouton Vendéen sheep breeds. <i>Livestock Science</i> , 2018, 216, 44-50.	1.6	12
59	Genome-Wide Identification of a Regulatory Mutation in BMP15 Controlling Prolificacy in Sheep. <i>Frontiers in Genetics</i> , 2020, 11, 585.	2.3	12
60	The ovarian follicle of ruminants: the path from conceptus to adult. <i>Reproduction, Fertility and Development</i> , 2021, 33, 621-642.	0.4	12
61	Développement folliculaire ovarien et ovulation chez les mammifères. <i>INRA Productions Animales</i> , 2020, 22, 59-76.	0.5	12
62	Vas deferens epithelial cells in subculture: a model to study androgen regulation of gene expression. <i>Journal of Molecular Endocrinology</i> , 1995, 15, 129-141.	2.5	11
63	Folliculogenesis. , 2019, , 377-398.		10
64	Prenatal programming by testosterone of follicular theca cell functions in ovary. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 1177-1196.	5.4	9
65	New Anti-Müllerian Hormone Target Genes Involved in Granulosa Cell Survival in Women With Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021, 106, e1271-e1289.	3.6	9
66	Identification of homozygous haplotypes carrying putative recessive lethal mutations that compromise fertility traits in French Lacaune dairy sheep. <i>Genetics Selection Evolution</i> , 2021, 53, 41.	3.0	9
67	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. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 1995, 55, 315-325.	2.5	8
68	BMP15 regulates the inhibin/activin system independently of ovulation rate control in sheep. <i>Reproduction</i> , 2017, 153, 395-404.	2.6	8
69	A Nonsense Variant in CCDC65 Gene Causes Respiratory Failure Associated with Increased Lamb Mortality in French Lacaune Dairy Sheep. <i>Genes</i> , 2022, 13, 45.	2.4	7
70	A novel homozygous nonsense mutation in <i>ITGB4</i> gene causes epidermolysis bullosa in Mouton Vendéen sheep. <i>Animal Genetics</i> , 2021, 52, 138-139.	1.7	5
71	126 Regulation of initiation of follicle growth and dynamics of early follicular development in the sheep. <i>Journal of Animal Science</i> , 2018, 96, 343-344.	0.5	3
72	Polymorphism identification in ovine KISS1R/GPR54 gene among pure and crossbreeds of Iranian sheep. <i>Small Ruminant Research</i> , 2019, 173, 23-29.	1.2	2

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73	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
74	Tissue Resources for the Functional Annotation of Animal Genomes. Frontiers in Genetics, 2021, 12, 666265.	2.3	1
75	Endothelial cellâ€derived fibroblast growth factorâ€18 regulates ovarian function in sheep. Journal of Cellular Physiology, 2022, , .	4.1	1
76	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
77	Ces<i>bone morphogenetic proteins</i>qui rÃ©glent le quota ovulatoire. Medecine/Sciences, 2002, 18, 1195-1196.	0.2	0
78	Prolificacy genes in sheep: the French genetic programmes. Bioscientifica Proceedings, 0, , .	1.0	0