

# Antonio Gonzalez-Bulnes

## List of Publications by Year in descending order

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245  
papers

4,634  
citations

136740

32  
h-index

223531

46  
g-index

249  
all docs

249  
docs citations

249  
times ranked

3502  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hormonal control of reproduction in small ruminants. <i>Animal Reproduction Science</i> , 2012, 130, 173-179.	0.5	171
2	Multiple factors affecting the efficiency of multiple ovulation and embryo transfer in sheep and goats. <i>Reproduction, Fertility and Development</i> , 2004, 16, 421.	0.1	94
3	Effects of progestagens and prostaglandin analogues on ovarian function and embryo viability in sheep. <i>Theriogenology</i> , 2005, 63, 2523-2534.	0.9	90
4	Comparative Analysis of Muscle Transcriptome between Pig Genotypes Identifies Genes and Regulatory Mechanisms Associated to Growth, Fatness and Metabolism. <i>PLoS ONE</i> , 2015, 10, e0145162.	1.1	83
5	Animal Welfare and Livestock Supply Chain Sustainability Under the COVID-19 Outbreak: An Overview. <i>Frontiers in Veterinary Science</i> , 2020, 7, 582528.	0.9	83
6	Pharmaceutical Control of Reproduction in Sheep and Goats. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2011, 27, 67-79.	0.5	76
7	Diet-Induced Swine Model with Obesity/Leptin Resistance for the Study of Metabolic Syndrome and Type 2 Diabetes. <i>Scientific World Journal, The</i> , 2012, 2012, 1-8.	0.8	59
8	Exogenous melatonin positively influences follicular dynamics, oocyte developmental competence and blastocyst output in a goat model. <i>Journal of Pineal Research</i> , 2009, 46, 383-391.	3.4	56
9	Developmental Stage, Muscle and Genetic Type Modify Muscle Transcriptome in Pigs: Effects on Gene Expression and Regulatory Factors Involved in Growth and Metabolism. <i>PLoS ONE</i> , 2016, 11, e0167858.	1.1	56
10	Ultrasonographic Imaging in Small Ruminant Reproduction. <i>Reproduction in Domestic Animals</i> , 2010, 45, 9-20.	0.6	54
11	Systemic and intraovarian effects of dominant follicles on ovine follicular growth. <i>Animal Reproduction Science</i> , 2004, 84, 107-119.	0.5	53
12	Measurement of inhibin A and follicular status predict the response of ewes to superovulatory FSH treatments. <i>Theriogenology</i> , 2002, 57, 1263-1272.	0.9	52
13	Differences in reproductive pattern between wild and domestic rams are not associated with inter-specific annual variations in plasma prolactin and melatonin concentrations. <i>Domestic Animal Endocrinology</i> , 2005, 28, 416-429.	0.8	51
14	The effects of previous ovarian status on ovulation rate and early embryo development in response to superovulatory FSH treatments in sheep. <i>Theriogenology</i> , 2005, 63, 1973-1983.	0.9	50
15	Developmental Origins of Health and Disease in swine: implications for animal production and biomedical research. <i>Theriogenology</i> , 2016, 86, 110-119.	0.9	49
16	Contribution of fish consumption to heavy metals exposure in women of childbearing age from a Mediterranean country (Spain). <i>Food and Chemical Toxicology</i> , 2008, 46, 1591-1595.	1.8	48
17	Endogenous Circannual Cycles of Ovarian Activity and Changes in Prolactin and Melatonin Secretion in Wild and Domestic Female Sheep Maintained under a Long-Day Photoperiod1. <i>Biology of Reproduction</i> , 2008, 78, 552-562.	1.2	45
18	Efficiency of estrous synchronization in tropical sheep by combining short-interval cloprostenol-based protocols and "female effect". <i>Theriogenology</i> , 2009, 71, 1018-1025.	0.9	43

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19	Gender-specific early postnatal catch-up growth after intrauterine growth retardation by food restriction in swine with obesity/leptin resistance. <i>Reproduction</i> , 2012, 144, 269-278.	1.1	43
20	Seasonal changes in ovulatory activity, plasma prolactin, and melatonin concentrations, in Mouflon ( <i>Ovis gmelini musimon</i> ) and Manchega ( <i>Ovis aries</i> ) ewes. <i>Reproduction, Nutrition, Development</i> , 2000, 40, 421-430.	1.9	42
21	Procedure for Maximizing Oocyte Harvest for In Vitro Embryo Production in Small Ruminants. <i>Reproduction in Domestic Animals</i> , 2007, 42, 423-426.	0.6	42
22	Seventy years of progestagen treatments for management of the sheep oestrous cycle: where we are and where we should go. <i>Reproduction, Fertility and Development</i> , 2020, 32, 441.	0.1	42
23	Ovulation rate, embryo mortality and intrauterine growth retardation in obese swine with gene polymorphisms for leptin and melanocortin receptors. <i>Theriogenology</i> , 2011, 75, 34-41.	0.9	41
24	Prenatal programming in an obese swine model: sex-related effects of maternal energy restriction on morphology, metabolism and hypothalamic gene expression. <i>British Journal of Nutrition</i> , 2014, 111, 735-746.	1.2	39
25	Maternal Malnutrition and Offspring Sex Determine Juvenile Obesity and Metabolic Disorders in a Swine Model of Leptin Resistance. <i>PLoS ONE</i> , 2013, 8, e78424.	1.1	38
26	Body condition and protein supplementation positively affect periovulatory ovarian activity by non LH-mediated pathways in goats. <i>Animal Reproduction Science</i> , 2008, 106, 412-420.	0.5	37
27	Multiple factors affecting the efficiency of multiple ovulation and embryo transfer in sheep and goats. <i>Reproduction, Fertility and Development</i> , 2004, 16, 421-35.	0.1	37
28	Models of Intrauterine growth restriction and fetal programming in rabbits. <i>Molecular Reproduction and Development</i> , 2019, 86, 1781-1809.	1.0	36
29	Effect of follicular status on superovulatory response in ewes is influenced by presence of corpus luteum at first FSH dose. <i>Theriogenology</i> , 2002, 58, 1607-1614.	0.9	35
30	Influence of maternal environment on the number of transferable embryos obtained in response to superovulatory FSH treatments in ewes. <i>Reproduction, Nutrition, Development</i> , 2003, 43, 17-28.	1.9	35
31	New estrus synchronization and artificial insemination protocol for goats based on male exposure, progesterone and cloprostenol during the non-breeding season. <i>Theriogenology</i> , 2007, 68, 1081-1087.	0.9	35
32	Fertility in a high-altitude environment is compromised by luteal dysfunction: the relative roles of hypoxia and oxidative stress. <i>Reproductive Biology and Endocrinology</i> , 2013, 11, 24.	1.4	35
33	Disruption of the endothelial nitric oxide synthase gene affects ovulation, fertilization and early embryo survival in a knockout mouse model. <i>Reproduction</i> , 2008, 136, 573-579.	1.1	34
34	Predictive value of antral follicle count and anti-Müllerian hormone for follicle and oocyte developmental competence during the early prepubertal period in a sheep model. <i>Reproduction, Fertility and Development</i> , 2014, 26, 1094.	0.1	33
35	Polyphenols and IUGR pregnancies: Maternal hydroxytyrosol supplementation improves prenatal and early-postnatal growth and metabolism of the offspring. <i>PLoS ONE</i> , 2017, 12, e0177593.	1.1	33
36	Polyphenols in Farm Animals: Source of Reproductive Gain or Waste?. <i>Antioxidants</i> , 2020, 9, 1023.	2.2	33

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37	Causes, characteristics and consequences of anovulatory follicles in superovulated sheep. Domestic Animal Endocrinology, 2006, 30, 76-87.	0.8	31
38	A new method for induction and synchronization of oestrus and fertile ovulations in mice by using exogenous hormones. Laboratory Animals, 2009, 43, 295-299.	0.5	31
39	Early-postnatal changes in adiposity and lipids profile by transgenerational developmental programming in swine with obesity/leptin resistance. Journal of Endocrinology, 2014, 223, M17-M29.	1.2	31
40	Estimated daily intake of pesticides and xenoestrogenic exposure by fruit consumption in the female population from a Mediterranean country (Spain). Food Control, 2010, 21, 471-477.	2.8	30
41	State-of-the-Art and Prospective of Nanotechnologies for Smart Reproductive Management of Farm Animals. Animals, 2020, 10, 840.	1.0	30
42	Origin of the preovulatory follicle in Mouflon sheep (Ovis gmelini musimon) and effect on growth of remaining follicles during the follicular phase of oestrous cycle. Animal Reproduction Science, 2001, 65, 265-272.	0.5	29
43	Reproductive season affects inhibitory effects from large follicles on the response to superovulatory FSH treatments in ewes. Theriogenology, 2003, 60, 281-288.	0.9	29
44	Seasonal Endocrine Changes and Breeding Activity in Mediterranean Wild Ruminants. Reproduction in Domestic Animals, 2006, 41, 72-81.	0.6	28
45	Sex steroid receptor expression in the oviduct and uterus of sheep with estrus synchronized with progestagen or prostaglandin analogues. Animal Reproduction Science, 2007, 97, 25-35.	0.5	28
46	Influence of leptin on in vitro maturation and steroidogenic secretion of cumulus-oocyte complexes through JAK2/STAT3 and MEK 1/2 pathways in the rabbit model. Reproduction, 2010, 139, 523-532.	1.1	28
47	Intravaginal Device-Type and Treatment-Length for Ovine Estrus Synchronization Modify Vaginal Mucus and Microbiota and Affect Fertility. Animals, 2018, 8, 226.	1.0	28
48	Agro-Livestock Farming System Sustainability during the COVID-19 Era: A Cross-Sectional Study on the Role of Information and Communication Technologies. Sustainability, 2021, 13, 6521.	1.6	28
49	Empowering Translational Research in Fetal Growth Restriction: Sheep and Swine Animal Models. Current Pharmaceutical Biotechnology, 2016, 17, 848-855.	0.9	28
50	Seasonal ovulatory activity and plasma prolactin concentrations in the Spanish ibex(Capra pyrenaica) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.9	27
51	Cellular localization and changes in expression of prolactin receptor isoforms in sheep ovary throughout the estrous cycle. Reproduction, 2004, 128, 545-553.	1.1	27
52	Induction of the presence of corpus luteum during superovulatory treatments enhances in vivo and in vitro blastocysts output in sheep. Theriogenology, 2005, 64, 1392-1403.	0.9	27
53	Glucogenic supply increases ovulation rate by modifying follicle recruitment and subsequent development of preovulatory follicles without effects on ghrelin secretion. Reproduction, 2008, 136, 65-72.	1.1	27
54	In vivo virtual histology of mouse embryogenesis by ultrasound biomicroscopy and magnetic resonance imaging. Reproduction, Fertility and Development, 2009, 21, 283.	0.1	27

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55	Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Placental Gene Expression and Fetal Antioxidant Status, DNA-Methylation and Phenotype. <i>International Journal of Molecular Sciences</i> , 2019, 20, 1187.	1.8	27
56	Influence of Maternal Factors (Weight, Body Condition, Parity, and Pregnancy Rank) on Plasma Metabolites of Dairy Ewes and Their Lambs. <i>Animals</i> , 2019, 9, 122.	1.0	27
57	Ovarian follicular dynamics and plasma steroid concentrations are not significantly different in ewes given intravaginal sponges containing either 20 or 40mg of fluorogestone acetate. <i>Theriogenology</i> , 2009, 71, 676-682.	0.9	26
58	Origin and fate of preovulatory follicles after induced luteolysis at different stages of the luteal phase of the oestrous cycle in goats. <i>Animal Reproduction Science</i> , 2005, 86, 237-245.	0.5	25
59	Effects of Body Condition and Protein Supplementation on LH Secretion and Luteal Function in Sheep. <i>Reproduction in Domestic Animals</i> , 2007, 42, 461-465.	0.6	25
60	Hypoxia and Oxidative Stress Are Associated with Reduced Fetal Growth in Twin and Undernourished Sheep Pregnancies. <i>Animals</i> , 2018, 8, 217.	1.0	25
61	Effects of ovarian follicular status on superovulatory response of dairy goats to FSH treatment. <i>Small Ruminant Research</i> , 2003, 48, 9-14.	0.6	24
62	Influence of age at first lambing on reproductive and productive performance of Lacaune dairy sheep under an intensive management system. <i>Journal of Dairy Research</i> , 2011, 78, 160-167.	0.7	24
63	Genetic Basis, Nutritional Challenges and Adaptive Responses in the Prenatal Origin of Obesity and Type-2 Diabetes. <i>Current Diabetes Reviews</i> , 2012, 8, 144-154.	0.6	24
64	Influence of Progesterone-Treatment Length and eCG Administration on Appearance of Estrus Behavior, Ovulatory Success and Fertility in Sheep. <i>Animals</i> , 2019, 9, 9.	1.0	24
65	Systemic and intraovarian effects of corpus luteum on follicular dynamics during estrous cycle in hair breed sheep. <i>Animal Reproduction Science</i> , 2008, 104, 47-55.	0.5	23
66	Neuroendocrine, Metabolic and Genomic Cues Signalling the Onset of Puberty in Females. <i>Reproduction in Domestic Animals</i> , 2010, 45, e495.	0.6	23
67	Glucogenic supply increases oocyte developmental competence in sheep. <i>Reproduction, Fertility and Development</i> , 2012, 24, 1055.	0.1	23
68	Reproductive, endocrine and metabolic feto-maternal features and placental gene expression in a swine breed with obesity/leptin resistance. <i>General and Comparative Endocrinology</i> , 2012, 176, 94-101.	0.8	23
69	Preselection of high and low ovulatory responders in sheep multiple ovulation and embryo transfer programs. <i>Theriogenology</i> , 2015, 84, 784-790.	0.9	23
70	Efficiency of GnRH-Loaded Chitosan Nanoparticles for Inducing LH Secretion and Fertile Ovulations in Protocols for Artificial Insemination in Rabbit Does. <i>Animals</i> , 2021, 11, 440.	1.0	23
71	Effect of GnRH antagonists treatment on gonadotrophin secretion, follicular development and inhibin A secretion in goats. <i>Theriogenology</i> , 2004, 61, 977-985.	0.9	22
72	Timing of Preovulatory LH Surge and Ovulation in Superovulated Sheep are Affected by Follicular Status at Start of the FSH Treatment. <i>Reproduction in Domestic Animals</i> , 2007, 43, 070925033119006-???	0.6	22

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73	The effects of sildenafil citrate on fetal placental development and haemodynamics in a rabbit model of intrauterine growth restriction. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1239.	0.1	22
74	Efficiency of CIDR-Based Protocols Including GnRH Instead of eCG for Estrus Synchronization in Sheep. <i>Animals</i> , 2019, 9, 146.	1.0	22
75	Effect of an Obesogenic Diet During the Juvenile Period on Growth Pattern, Fatness and Metabolic, Cardiovascular and Reproductive Features of Swine with Obesity/Leptin Resistance. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2013, 13, 143-151.	0.6	22
76	Patterns of Follicular Growth in Superovulated Sheep and Influence on Endocrine and Ovarian Response. <i>Reproduction in Domestic Animals</i> , 2002, 37, 357-361.	0.6	21
77	Effects of progestagens on follicular growth and oocyte developmental competence in FSH-treated ewes. <i>Domestic Animal Endocrinology</i> , 2007, 32, 303-314.	0.8	21
78	Short-term intake of $\beta$ -carotene-supplemented diets enhances ovarian function and progesterone synthesis in goats. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2009, 93, 710-715.	1.0	21
79	Steroidogenesis in sheep pregnancy with intrauterine growth retardation by high-altitude hypoxia: effects of maternal altitudinal status and antioxidant treatment. <i>Reproduction, Fertility and Development</i> , 2013, 25, 639.	0.1	21
80	Sex and Breed-Dependent Organ Development and Metabolic Responses in Foetuses from Lean and Obese/Leptin Resistant Swine. <i>PLoS ONE</i> , 2013, 8, e66728.	1.1	21
81	Advanced Onset of Puberty in Gilts of <i>Thrifty Genotype</i> (Iberian Pig). <i>Reproduction in Domestic Animals</i> , 2010, 45, 1003-1007.	0.6	20
82	Melatonin deprivation modifies follicular and corpus luteal growth dynamics in a sheep model. <i>Reproduction</i> , 2014, 147, 885-895.	1.1	20
83	Postnatal pituitary and follicular activation: a revisited hypothesis in a sheep model. <i>Reproduction</i> , 2016, 151, 215-225.	1.1	20
84	The Iberian pig fed with high-fat diet: a model of renal disease in obesity and metabolic syndrome. <i>International Journal of Obesity</i> , 2020, 44, 457-465.	1.6	20
85	Supplementation with Proline Improves Haemato-Biochemical and Reproductive Indicators in Male Rabbits Affected by Environmental Heat-Stress. <i>Animals</i> , 2021, 11, 373.	1.0	20
86	Effects of breed on kinetics of ovine FSH and ovarian response in superovulated sheep. <i>Theriogenology</i> , 2006, 66, 896-905.	0.9	19
87	Fetal growth retardation and brain sparing by malnutrition are associated to changes in neurotransmitters profile. <i>International Journal of Developmental Neuroscience</i> , 2017, 57, 72-76.	0.7	19
88	Disturbances in Maternal Steroidogenesis and Appearance of Intrauterine Growth Retardation at High-Altitude Environments Are Established from Early Pregnancy. Effects of Treatment with Antioxidant Vitamins. <i>PLoS ONE</i> , 2015, 10, e0140902.	1.1	19
89	Oestrous behaviour and development of preovulatory follicles in goats induced to ovulate using the male effect with and without progesterone priming. <i>Reproduction, Fertility and Development</i> , 2006, 18, 745.	0.1	18
90	Intrauterine Growth Retardation in Endothelial Nitric Oxide Synthase-Deficient Mice Is Established from Early Stages of Pregnancy. <i>Biology of Reproduction</i> , 2008, 78, 1002-1006.	1.2	18

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91	Repeatability of superovulatory response to successive FSH treatments in Merino sheep. <i>Small Ruminant Research</i> , 2014, 120, 84-89.	0.6	18
92	Contribution of Large Animals to Translational Research on Prenatal Programming of Obesity and Associated Diseases. <i>Current Pharmaceutical Biotechnology</i> , 2017, 18, 541-551.	0.9	18
93	Plasma inhibin A determination at start superovulatory FSH treatments is predictive for embryo outcome in goats. <i>Domestic Animal Endocrinology</i> , 2004, 26, 259-266.	0.8	17
94	Influence of age on the relationship between annual changes in horn growth rate and prolactin secretion in the European mouflon ( <i>Ovis gmelini musimon</i> ). <i>Animal Reproduction Science</i> , 2005, 85, 251-261.	0.5	17
95	Relative roles of photoperiodic and nutritional cues in modulating ovarian activity in goats. <i>Reproductive Biology</i> , 2009, 9, 283-294.	0.9	17
96	Glutamate supply positively affects serum release of triiodothyronine and insulin across time without increases of glucose during the onset of puberty in female goats. <i>Animal Reproduction Science</i> , 2011, 125, 74-80.	0.5	17
97	Inclusion of seminal plasma in sperm cryopreservation of Iberian pig. <i>Animal Reproduction Science</i> , 2012, 130, 82-90.	0.5	17
98	Sex and intrauterine growth restriction modify brain neurotransmitters profile of newborn piglets. <i>International Journal of Developmental Neuroscience</i> , 2016, 55, 9-14.	0.7	17
99	Effects of fetal genotype and sex on developmental response to maternal malnutrition. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1155.	0.1	17
100	Effects of a Nanoencapsulated Moringa Leaf Ethanolic Extract on the Physiology, Metabolism and Reproductive Performance of Rabbit Does during Summer. <i>Antioxidants</i> , 2021, 10, 1326.	2.2	17
101	Competition for Materno-Fetal Resource Partitioning in a Rabbit Model of Undernourished Pregnancy. <i>PLoS ONE</i> , 2017, 12, e0169194.	1.1	17
102	Timing of emergence of ovulatory follicles in polyovulatory goats. <i>Animal Reproduction Science</i> , 2006, 91, 275-284.	0.5	16
103	Survival of frozen-thawed sheep embryos cryopreserved at cleavage stages. <i>Cryobiology</i> , 2006, 52, 108-113.	0.3	16
104	Features of follicle-stimulating hormone-stimulated follicles in a sheep model: keys to elucidate embryo failure in assisted reproductive technique cycles. <i>Fertility and Sterility</i> , 2008, 89, 1328-1337.	0.5	16
105	Characterization of early changes in fetoplacental hemodynamics in a diet-induced rabbit model of IUGR. <i>Journal of Developmental Origins of Health and Disease</i> , 2015, 6, 454-461.	0.7	16
106	Dietary vitamin A restriction affects adipocyte differentiation and fatty acid composition of intramuscular fat in Iberian pigs. <i>Meat Science</i> , 2015, 108, 9-16.	2.7	16
107	Effects of short-term intravaginal progestagens on the onset and features of estrus, preovulatory LH surge and ovulation in sheep. <i>Animal Reproduction Science</i> , 2018, 197, 317-323.	0.5	16
108	Rapid Communication: Maternal melatonin implants improve fetal oxygen supply and body weight at term in sheep pregnancies1. <i>Journal of Animal Science</i> , 2019, 97, 839-845.	0.2	16

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109	Mechanisms of action of the principal prolific genes and their application to sheep production. <i>Reproduction, Fertility and Development</i> , 2004, 16, 395.	0.1	15
110	Enhancement of Ovulatory Follicle Development in Maiden Sheep by Short-term Supplementation with Steam-flaked Corn. <i>Reproduction in Domestic Animals</i> , 2008, 43, 222-227.	0.6	15
111	Influence of nutritional and socio-sexual cues upon reproductive efficiency of goats exposed to the male effect under extensive conditions. <i>Animal Production Science</i> , 2010, 50, 897.	0.6	15
112	Influence of hormonal and nonhormonal estrus synchronization methods on follicular and oocyte quality in primiparous lactating does at early postpartum period. <i>Theriogenology</i> , 2010, 73, 26-35.	0.9	15
113	Substantiation of Ovarian Effects of Leptin by Challenging a Mouse Model of Obesity/ Type 2 Diabetes. <i>Theriogenology</i> , 2010, 73, 1088-1095.	0.9	15
114	Nutritional and metabolic modulation of the male effect on the resumption of ovulatory activity in goats. <i>Animal Production Science</i> , 2011, 51, 115.	0.6	15
115	Identification of factors affecting colostrum quality of dairy Lacaune ewes assessed with the Brix refractometer. <i>Journal of Dairy Research</i> , 2017, 84, 440-443.	0.7	15
116	Ontogeny of Sex-Related Differences in Foetal Developmental Features, Lipid Availability and Fatty Acid Composition. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1171.	1.8	15
117	A diet supplemented with n-3 polyunsaturated fatty acids influences the metabomscic and endocrine response of rabbit does and their offspring <sup>1</sup> . <i>Journal of Animal Science</i> , 2017, 95, 2690-2700.	0.2	15
118	Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Hepatic Fat Accretion and Energy and Fatty Acids Profile of Fetal Tissues. <i>Nutrients</i> , 2019, 11, 1534.	1.7	15
119	Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Postnatal Growth, Metabolism and Body Composition of the Offspring. <i>Antioxidants</i> , 2019, 8, 535.	2.2	15
120	Nanotechnology and Reproductive Management of Farm Animals: Challenges and Advances. <i>Animals</i> , 2021, 11, 1932.	1.0	15
121	Fetal Sex Modulates Developmental Response to Maternal Malnutrition. <i>PLoS ONE</i> , 2015, 10, e0142158.	1.1	15
122	PREDICTION OF GESTATIONAL AGE BY TRANSRECTAL ULTRASONOGRAPHIC MEASUREMENTS IN THE MOUFLON ( <i>OVIS GMELINI MUSIMON</i> ). <i>Journal of Zoo and Wildlife Medicine</i> , 2005, 36, 457-462.	0.3	14
123	Culture of early stage ovine embryos to blastocyst enhances survival rate after cryopreservation. <i>Theriogenology</i> , 2005, 63, 2233-2242.	0.9	14
124	Follicular growth, endocrine response and embryo yields in sheep superovulated with FSH after pretreatment with a single short-acting dose of GnRH antagonist. <i>Theriogenology</i> , 2005, 64, 1833-1843.	0.9	14
125	Ovarian and endocrine responses in tropical sheep treated with reduced doses of cloprostenol. <i>Animal Reproduction Science</i> , 2009, 114, 384-392.	0.5	14
126	Effects of oestrus induction with progestagens or prostaglandin analogues on ovarian and pituitary function in sheep. <i>Animal Reproduction Science</i> , 2011, 126, 61-69.	0.5	14



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127	Ovulation, Implantation and Placentation in Females with Obesity and Metabolic Disorders: Life in the Balance. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2011, 11, 285-301.	0.6	14
128	Toxicokinetics of di(2-ethylhexyl) phthalate (DEHP) and its effects on luteal function in sheep. <i>Reproductive Biology</i> , 2013, 13, 66-74.	0.9	14
129	Maternal Metformin Treatment Improves Developmental and Metabolic Traits of IUGR Fetuses. <i>Biomolecules</i> , 2019, 9, 166.	1.8	14
130	Nature and Nurture in the Early-Life Origins of Metabolic Syndrome. <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 573-586.	0.9	14
131	High Periconceptional Protein Intake Modifies Uterine and Embryonic Relationships Increasing Early Pregnancy Losses and Embryo Growth Retardation in Sheep. <i>Reproduction in Domestic Animals</i> , 2009, 45, 723-8.	0.6	13
132	Effects of treatment with a prostaglandin analogue on developmental dynamics and functionality of induced corpora lutea in goats. <i>Animal Reproduction Science</i> , 2010, 118, 42-47.	0.5	13
133	Placental oxygen transfer reduces hypoxia-reoxygenation swings in fetal blood in a sheep model of gestational sleep apnea. <i>Journal of Applied Physiology</i> , 2019, 127, 745-752.	1.2	13
134	SWATH-MS quantitative proteomic investigation of intrauterine growth restriction in a porcine model reveals sex differences in hippocampus development. <i>Journal of Proteomics</i> , 2019, 204, 103391.	1.2	13
135	Maternal Supplementation with Antioxidant Vitamins in Sheep Results in Increased Transfer to the Fetus and Improvement of Fetal Antioxidant Status and Development. <i>Antioxidants</i> , 2019, 8, 59.	2.2	13
136	Piglet birthweight and sex affect growth performance and fatty acid composition in fatty pigs. <i>Animal Production Science</i> , 2020, 60, 573.	0.6	13
137	Effect of Ageing on Hormone Secretion and Follicular Dynamics in Sheep with and without the Booroola Gene. <i>Endocrinology</i> , 2004, 145, 2858-2864.	1.4	12
138	Effects of Season and Superovulatory Treatment on Embryo Yields in Fine-Wool Merinos Maintained Under Field Conditions. <i>Reproduction in Domestic Animals</i> , 2011, 46, 770-775.	0.6	12
139	Effect of aging on follicular function may be relieved by exogenous gonadotropin treatment in a sheep model. <i>Reproduction</i> , 2012, 144, 245-255.	1.1	12
140	Exposure to the endocrine disruptor di(2-ethylhexyl)phthalate affects female reproductive features by altering pulsatile LH secretion. <i>Environmental Toxicology and Pharmacology</i> , 2013, 36, 1141-1149.	2.0	12
141	Characterization of Ageing- and Diet-Related Swine Models of Sarcopenia and Sarcopenic Obesity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 823.	1.8	12
142	Impact of genotype, body weight and sex on the prenatal muscle transcriptome of Iberian pigs. <i>PLoS ONE</i> , 2020, 15, e0227861.	1.1	12
143	The Use of Probiotics for Management and Improvement of Reproductive Eubiosis and Function. <i>Nutrients</i> , 2022, 14, 902.	1.7	12
144	GnRH antagonist enhance follicular growth in FSH-treated sheep but affect developmental competence of oocytes collected by ovum pick-up. <i>Theriogenology</i> , 2006, 65, 1099-1109.	0.9	11

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145	Reproductive performance and progesterone secretion in estrus-induced Manchega ewes treated with hCG at the time of AI. <i>Small Ruminant Research</i> , 2007, 71, 117-122.	0.6	11
146	The effect of embryo and maternal genotypes on prolificacy, intrauterine growth retardation and postnatal development of Nos3 <sup>−/−</sup> knockout mice. <i>Reproductive Biology</i> , 2010, 10, 241-248.	0.9	11
147	Pregnancy-associated changes in plasma concentration of the endocrine disruptor di(2-ethylhexyl) phthalate in a sheep model. <i>Theriogenology</i> , 2010, 73, 141-146.	0.9	11
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149	Maternal aging affects life performance of progeny in a Holstein dairy cow model. <i>Journal of Developmental Origins of Health and Disease</i> , 2014, 5, 374-384.	0.7	11
150	Maternal age modulates the effects of early-pregnancy L-proline supplementation on the birth-weight of piglets. <i>Animal Reproduction Science</i> , 2017, 181, 63-68.	0.5	11
151	Maternal undernutrition and offspring sex determine birth-weight, postnatal development and meat characteristics in traditional swine breeds. <i>Journal of Animal Science and Biotechnology</i> , 2018, 9, 27.	2.1	11
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154	Ovarian response in sheep superovulated after pretreatment with growth hormone and GnRH antagonists is weakened by failures in oocyte maturation. <i>Zygote</i> , 2004, 12, 301-304.	0.5	10
155	Effects of Breed on Follicular Dynamics and Oestradiol Secretion during the Follicular Phase in Sheep. <i>Reproduction in Domestic Animals</i> , 2007, 42, 29-33.	0.6	10
156	Influence of vehicle on kinetics of exogenous progesterone administered either by subcutaneous and intramuscular routes to sheep. <i>Research in Veterinary Science</i> , 2008, 85, 162-165.	0.9	10
157	Evidence of intraovarian follicular dominance effects during controlled ovarian stimulation in a sheep model. <i>Fertility and Sterility</i> , 2008, 89, 1507-1513.	0.5	10
158	Use of ultrasound imaging for early diagnosis of pregnancy and determination of litter size in the mouse. <i>Laboratory Animals</i> , 2009, 43, 91-95.	0.5	10
159	Short-Term Undernutrition Affects Final Development of Ovulatory Follicles in Sheep Synchronized for Ovulation. <i>Reproduction in Domestic Animals</i> , 2010, 45, 1033-1038.	0.6	10
160	Patterns of Corpora Lutea Growth and Progesterone Secretion in Sows with Thrifty Genotype and Leptin Resistance due to Leptin Receptor Gene Polymorphisms (Iberian Pig). <i>Reproduction in Domestic Animals</i> , 2011, 46, 1011-1016.	0.6	10
161	The cactus effect: an alternative to the lupin effect for increasing ovulation rate in sheep reared in semi-arid regions?. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2012, 96, 242-249.	1.0	10
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164	Ram semen deterioration by short-term exposure to high altitude is prevented by improvement of antioxidant status. <i>Animal</i> , 2018, 12, 1007-1014.	1.3	10
165	A Simple Method to Measure Renal Function in Swine by the Plasma Clearance of Iohexol. <i>International Journal of Molecular Sciences</i> , 2018, 19, 232.	1.8	10
166	Circulating Concentrations of Key Regulators of Nitric Oxide Production in Undernourished Sheep Carrying Single and Multiple Fetuses. <i>Animals</i> , 2020, 10, 65.	1.0	10
167	Maternal Supplementation with Polyphenols and Omega-3 Fatty Acids during Pregnancy: Effects on Growth, Metabolism, and Body Composition of the Offspring. <i>Animals</i> , 2020, 10, 1946.	1.0	10
168	Comparative efficiency of oestrus synchronization in sheep with progesterone/eCG and progesterone/GnRH during breeding and non-breeding season. <i>Reproduction in Domestic Animals</i> , 2020, 55, 882-884.	0.6	10
169	The feasibility of ultrasound biomicroscopy for non-invasive and sequential assessment of ovarian features in rodents. <i>Reproductive Biology</i> , 2008, 8, 279-284.	0.9	9
170	Non-invasive ultrasonographic characterization of phenotypic changes during embryo development in non-anesthetized mice of different genotypes. <i>Theriogenology</i> , 2008, 70, 44-52.	0.9	9
171	Long-term betacarotene-supplementation enhances serum insulin concentrations without effect on the onset of puberty in the female goat. <i>Reproductive Biology</i> , 2011, 11, 236-249.	0.9	9
172	Prenatal programming of obesity in a swine model of leptin resistance: modulatory effects of controlled postnatal nutrition and exercise. <i>Journal of Developmental Origins of Health and Disease</i> , 2014, 5, 248-258.	0.7	9
173	Effect of breed and follicular status on response to superovulation in South African goats. <i>Journal of Applied Animal Research</i> , 2018, 46, 141-145.	0.4	9
174	Administration of single short-acting doses of GnRH antagonist modifies pituitary and follicular function in sheep. <i>Domestic Animal Endocrinology</i> , 2005, 29, 476-487.	0.8	8
175	Restoration of endocrine and ovarian function after stopping GnRH antagonist treatment in goats. <i>Theriogenology</i> , 2005, 63, 83-91.	0.9	8
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177	Accuracy of in vivo and ex vivo ultrasonographic evaluation of ovarian follicles and corpora lutea in sows. <i>Theriogenology</i> , 2009, 71, 1433-1439.	0.9	8
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189	Reproductive response of fat-tailed Barbarine ewes subjected to short-term nutritional treatments including spineless cactus ( <i>Opuntia ficus-indica</i> f. <i>inermis</i> ) cladodes. <i>Journal of Animal Physiology and Animal Nutrition</i> , 2014, 98, 43-49.	1.0	7
190	Developmental origins of metabolic disorders: The need for biomarker candidates and therapeutic targets from adequate preclinical models. <i>EuPA Open Proteomics</i> , 2016, 10, 50-55.	2.5	7
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200	Phenotypic Characterization by High-Resolution Three-Dimensional Magnetic Resonance Imaging Evidences Differential Effects of Embryo Genotype on Intrauterine Growth Retardation in NOS3-Deficient Mice. <i>Biology of Reproduction</i> , 2011, 84, 866-871.	1.2	6
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219	Metformin Alleviates Obesity and Systemic Oxidative Stress in Obese Young Swine. <i>Pharmaceuticals</i> , 2020, 13, 142.	1.7	4
220	Effect of embryo developmental stage and culture conditions on number and quality of ovine in vitro produced blastocysts. <i>Zygote</i> , 2006, 14, 181-187.	0.5	3
221	Deleterious Effects of Progestagen Treatment in VEGF Expression in Corpora Lutea of Pregnant Ewes. <i>Reproduction in Domestic Animals</i> , 2011, 46, 481-488.	0.6	3
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234	Antioxidant homeostasis is disturbed in fetuses with leptin-resistant genotypes: A cross-sectional study. <i>International Journal of Reproductive BioMedicine</i> , 2018, 16, 497-500.	0.5	2

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241	Possible Benefits and Risks of Polyphenols Supplementation During Pregnancy. , 2018, , 249-260.		0
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