

Antonio Gonzalez-Bulnes

List of Publications by Year in Descending Order

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Version: 2023-06-07

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

227
papers

3,260
citations

28
h-index

38
g-index

249
ext. papers

3,952
ext. citations

2.8
avg, IF

5.32
L-index

#	Paper	IF	Citations
227	Maternal Supplementation with Herbal Antioxidants during Pregnancy in Swine. <i>Antioxidants</i> , 2021 , 10,	7.1	2
226	Polyphenols and IUGR Pregnancies: Effects of the Antioxidant Hydroxytyrosol on Brain Neurochemistry and Development in a Porcine Model. <i>Antioxidants</i> , 2021 , 10,	7.1	1
225	Nanotechnology and Reproductive Management of Farm Animals: Challenges and Advances. <i>Animals</i> , 2021 , 11,	3.1	6
224	Agro-Livestock Farming System Sustainability during the COVID-19 Era: A Cross-Sectional Study on the Role of Information and Communication Technologies. <i>Sustainability</i> , 2021 , 13, 6521	3.6	12
223	Supplementation with Proline Improves Haemato-Biochemical and Reproductive Indicators in Male Rabbits Affected by Environmental Heat-Stress. <i>Animals</i> , 2021 , 11,	3.1	5
222	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,	3.1	8
221	Polyphenols and IUGR Pregnancies: Intrauterine Growth Restriction and Hydroxytyrosol Affect the Development and Neurotransmitter Profile of the Hippocampus in a Pig Model. <i>Antioxidants</i> , 2021 , 10,	7.1	3
220	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,	3.1	4
219	Polyphenols in Farm Animals: Source of Reproductive Gain or Waste?. <i>Antioxidants</i> , 2020 , 9,	7.1	10
218	State-of-the-Art and Prospective of Nanotechnologies for Smart Reproductive Management of Farm Animals. <i>Animals</i> , 2020 , 10,	3.1	18
217	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	1.6	3
216	Use of Propylene-Glycol as a Cosolvent for GnRH in Synchronization of Estrus and Ovulation in Sheep. <i>Animals</i> , 2020 , 10,	3.1	2
215	Intake of Spineless Cladodes of During Late Pregnancy Improves Progeny Performance in Underfed Sheep. <i>Animals</i> , 2020 , 10,	3.1	3
214	A Cross-Sectional Study of Obesity Effects on the Metabolomic Profile of a Leptin-Resistant Swine Model. <i>Metabolites</i> , 2020 , 10,	5.6	1
213	Administration of glycerol-based formulations in sheep results in similar ovulation rate to eCG but red blood cell indices may be affected. <i>BMC Veterinary Research</i> , 2020 , 16, 207	2.7	0
212	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, 441-452	1.8	20
211	The impact of prenatal environment on postnatal life and performance: Future perspectives for prevention and treatment. <i>Theriogenology</i> , 2020 , 150, 15-19	2.8	1

210	Impact of genotype, body weight and sex on the prenatal muscle transcriptome of Iberian pigs. <i>PLoS ONE</i> , 2020 , 15, e0227861	3.7	5
209	Supplementation of Underfed Twin-Bearing Ewes with Herbal Vitamins C and E: Impacts on Birth Weight, Postnatal Growth, and Pre-Weaning Survival of the Lambs. <i>Animals</i> , 2020 , 10,	3.1	3
208	Piglet birthweight and sex affect growth performance and fatty acid composition in fatty pigs. <i>Animal Production Science</i> , 2020 , 60, 573	1.4	5
207	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	5.5	11
206	Endocrinology of reproductive function and pregnancy at high altitudes. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2020 , 11, 27-32	1.7	3
205	Animal Welfare and Livestock Supply Chain Sustainability Under the COVID-19 Outbreak: An Overview. <i>Frontiers in Veterinary Science</i> , 2020 , 7, 582528	3.1	35
204	Short-Term Effects of Early Menopause on Adiposity, Fatty Acids Profile and Insulin Sensitivity of a Swine Model of Female Obesity. <i>Biology</i> , 2020 , 9,	4.9	1
203	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	3.9	6
202	Effects of short-term intravaginal progestagen treatment on fertility and prolificacy after natural breeding in sheep at different reproductive seasons. <i>Journal of Applied Animal Research</i> , 2019 , 47, 201-205	1.7	1
201	Efficiency of CIDR-Based Protocols Including GnRH Instead of eCG for Estrus Synchronization in Sheep. <i>Animals</i> , 2019 , 9,	3.1	10
200	Maternal Metformin Treatment Improves Developmental and Metabolic Traits of IUGR Fetuses. <i>Biomolecules</i> , 2019 , 9,	5.9	5
199	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,	7.1	5
198	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,	6.3	12
197	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,	3.1	14
196	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	3.7	6
195	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,	6.7	8
194	Onset of oestrus and periovulatory events in sheep exposed to 5 and 14 days of CIDR treatment with and without eCG. <i>Reproduction in Domestic Animals</i> , 2019 , 54, 1489-1492	1.6	2
193	Models of Intrauterine growth restriction and fetal programming in rabbits. <i>Molecular Reproduction and Development</i> , 2019 , 86, 1781-1809	2.6	17

192	Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Postnatal Growth, Metabolism and Body Composition of the Offspring. <i>Antioxidants</i> , 2019 , 8,	7.1	7
191	Maternal Metabolic Demands Caused by Pregnancy and Lactation: Association with Productivity and Offspring Phenotype in High-Yielding Dairy Ewes. <i>Animals</i> , 2019 , 9,	3.1	5
190	Vitrified embryo transfer in Merino sheep under extensive conditions. <i>Animal Reproduction</i> , 2019 , 16, 297-301	1.7	6
189	Circulating Concentrations of Key Regulators of Nitric Oxide Production in Undernourished Sheep Carrying Single and Multiple Fetuses. <i>Animals</i> , 2019 , 10,	3.1	9
188	Onset of estrus and preovulatory LH surge and ovulatory efficiency in sheep after short-term treatments with progestagen-sponges and progesterone-CIDRs. <i>Reproduction in Domestic Animals</i> , 2019 , 54, 408-411	1.6	2
187	Rapid Communication: Maternal melatonin implants improve fetal oxygen supply and body weight at term in sheep pregnancies. <i>Journal of Animal Science</i> , 2019 , 97, 839-845	0.7	8
186	Influence of Progesterone-Treatment Length and eCG Administration on Appearance of Estrus Behavior, Ovulatory Success and Fertility in Sheep. <i>Animals</i> , 2018 , 9,	3.1	14
185	Changes in renal hemodynamics of undernourished fetuses appear earlier than IUGR evidences. <i>Journal of Developmental Origins of Health and Disease</i> , 2018 , 9, 338-343	2.4	2
184	Efficiency and demographics of a high-yield dairy ewe farm with two managing systems involving five or 10 lambings per year. <i>Animal</i> , 2018 , 12, 2181-2190	3.1	2
183	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	6	6
182	Ram semen deterioration by short-term exposure to high altitude is prevented by improvement of antioxidant status. <i>Animal</i> , 2018 , 12, 1007-1014	3.1	5
181	Characterization of Ageing- and Diet-Related Swine Models of Sarcopenia and Sarcopenic Obesity. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	7
180	A Simple Method to Measure Renal Function in Swine by the Plasma Clearance of Iohexol. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	4
179	ET-Technologies in Small Ruminants 2018 , 135-166		1
178	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	1.3	2
177	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	1.3	2
176	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	1.7	4
175	Intravaginal Device-Type and Treatment-Length for Ovine Estrus Synchronization Modify Vaginal Mucus and Microbiota and Affect Fertility. <i>Animals</i> , 2018 , 8,	3.1	15

174	Possible Benefits and Risks of Polyphenols Supplementation During Pregnancy 2018 , 249-260		
173	Hypoxia and Oxidative Stress Are Associated with Reduced Fetal Growth in Twin and Undernourished Sheep Pregnancies. <i>Animals</i> , 2018 , 8,	3.1	16
172	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	2.1	9
171	Effects of fetal genotype and sex on developmental response to maternal malnutrition. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 1155-1168	1.8	9
170	The effects of sildenafil citrate on fetoplacental development and haemodynamics in a rabbit model of intrauterine growth restriction. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 1239-1248	1.8	12
169	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	2.7	10
168	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	2.1	5
167	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	3.7	21
166	Ontogeny of Sex-Related Differences in Foetal Developmental Features, Lipid Availability and Fatty Acid Composition. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	11
165	A diet supplemented with -3 polyunsaturated fatty acids influences the metabomscic and endocrine response of rabbit does and their offspring. <i>Journal of Animal Science</i> , 2017 , 95, 2690-2700	0.7	11
164	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	1.6	10
163	Competition for Materno-Fetal Resource Partitioning in a Rabbit Model of Undernourished Pregnancy. <i>PLoS ONE</i> , 2017 , 12, e0169194	3.7	6
162	Contribution of Large Animals to Translational Research on Prenatal Programming of Obesity and Associated Diseases. <i>Current Pharmaceutical Biotechnology</i> , 2017 , 18, 541-551	2.6	12
161	Sex and intrauterine growth restriction modify brain neurotransmitters profile of newborn piglets. <i>International Journal of Developmental Neuroscience</i> , 2016 , 55, 9-14	2.7	10
160	Postnatal pituitary and follicular activation: a revisited hypothesis in a sheep model. <i>Reproduction</i> , 2016 , 151, 215-25	3.8	12
159	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	3.7	32
158	Nature and Nurture in the Early-Life Origins of Metabolic Syndrome. <i>Current Pharmaceutical Biotechnology</i> , 2016 , 17, 573-86	2.6	13
157	Empowering Translational Research in Fetal Growth Restriction: Sheep and Swine Animal Models. <i>Current Pharmaceutical Biotechnology</i> , 2016 , 17, 848-55	2.6	16

156	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	0.1	6
155	Developmental Origins of Health and Disease in swine: implications for animal production and biomedical research. <i>Theriogenology</i> , 2016 , 86, 110-9	2.8	35
154	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	6.4	13
153	Effects of Lifestyle on Female Reproductive Features and Success: Lessons from Animal Models 2015 , 191-202		
152	Effects of intramammary antibiotic therapy during the dry period on the performance of Lacaune dairy sheep under intensive management. <i>Journal of Dairy Research</i> , 2015 , 82, 95-101	1.6	0
151	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, 454-61	2.4	11
150	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	3.7	52
149	Preselection of high and low ovulatory responders in sheep multiple ovulation and embryo transfer programs. <i>Theriogenology</i> , 2015 , 84, 784-90	2.8	16
148	Alternative method for intramuscular fat analysis using common laboratory equipment. <i>Meat Science</i> , 2015 , 103, 24-7	6.4	1
147	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	3.7	16
146	Fetal Sex Modulates Developmental Response to Maternal Malnutrition. <i>PLoS ONE</i> , 2015 , 10, e0142158	3.7	8
145	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, 43-9	2.6	6
144	Melatonin deprivation modifies follicular and corpus luteal growth dynamics in a sheep model. <i>Reproduction</i> , 2014 , 147, 885-95	3.8	16
143	Early-postnatal changes in adiposity and lipids profile by transgenerational developmental programming in swine with obesity/leptin resistance. <i>Journal of Endocrinology</i> , 2014 , 223, M17-29	4.7	22
142	Repeatability of superovulatory response to successive FSH treatments in Merino sheep. <i>Small Ruminant Research</i> , 2014 , 120, 84-89	1.7	12
141	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, 1094-106	1.8	20
140	Transgenerational inheritance in the offspring of pregnant women with metabolic syndrome. <i>Current Pharmaceutical Biotechnology</i> , 2014 , 15, 13-23	2.6	5
139	Advanced onset of puberty after metformin therapy in swine with thrifty genotype. <i>Experimental Physiology</i> , 2014 , 99, 1241-52	2.4	7

138	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, 248-58	2.4	7
137	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, 374-84	2.4	7
136	Fertility of a high-altitude sheep model is compromised by deficiencies in both preovulatory follicle development and plasma LH availability. <i>Reproduction in Domestic Animals</i> , 2014 , 49, 977-84	1.6	8
135	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, 735-46	3.6	28
134	Feasibility of MRI and selection of adequate region of interest for longitudinal studies of growth and fatness in swine models of obesity. <i>Diagnostic and Interventional Imaging</i> , 2014 , 95, 839-47	5.4	
133	Intake of high saturated-fat diets disturbs steroidogenesis, lipid metabolism and development of obese-swine conceptuses from early-pregnancy stages. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2014 , 139, 130-7	5.1	6
132	Embryo gene expression in response to maternal supplementation with glycogenic precursors in the rabbit. <i>Animal Reproduction Science</i> , 2013 , 142, 173-82	2.1	5
131	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, 1141-9 ^{5.8}	5.8	12
130	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	5	24
129	Toxicokinetics of di(2-ethylhexyl) phthalate (DEHP) and its effects on luteal function in sheep. <i>Reproductive Biology</i> , 2013 , 13, 66-74	2.3	12
128	Prolific strains of Barbarine sheep are characterized by increased ovulation rate due to extended period of ovulatory follicle recruitment and co-dominance effects. <i>Small Ruminant Research</i> , 2013 , 114, 134-139	1.7	3
127	Maternal diet-induced obesity in swine with leptin resistance modifies puberty and pregnancy outputs of the adult offspring. <i>Journal of Developmental Origins of Health and Disease</i> , 2013 , 4, 290-5	2.4	5
126	In vitro release of ovarian progesterone is decreased during the oestrous cycle and pregnancy of swine with obesity/leptin resistance. <i>Reproduction in Domestic Animals</i> , 2013 , 48, e44-8	1.6	6
125	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, 639-45	1.8	17
124	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	3.7	16
123	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	3.7	27
122	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, 143-51	2.2	16
121	Fetal and early-postnatal developmental patterns of obese-genotype piglets exposed to prenatal programming by maternal over- and undernutrition. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2013 , 13, 240-9	2.2	5

120	Short-term beta-carotene-supplementation positively affects ovarian activity and serum insulin concentrations in a goat model. <i>Journal of Endocrinological Investigation</i> , 2013 , 36, 185-9	5.2	5
119	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	3	19
118	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, 242-9	2.6	8
117	Endometrial expression of IFNAR-1 and oxytocin receptor (OTR) is not improved by prostaglandin analogues when compared to progestagens in ewes. <i>Reproduction in Domestic Animals</i> , 2012 , 47, 274-80	1.6	3
116	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, 269-78	3.8	34
115	Prepuberal evolution of plasma leptin levels in gilts of thrifty genotype (Iberian pig) and lean commercial crosses (Large White [Landrace]). <i>Research in Veterinary Science</i> , 2012 , 93, 100-2	2.5	6
114	Inclusion of seminal plasma in sperm cryopreservation of Iberian pig. <i>Animal Reproduction Science</i> , 2012 , 130, 82-90	2.1	14
113	Hormonal control of reproduction in small ruminants. <i>Animal Reproduction Science</i> , 2012 , 130, 173-9	2.1	112
112	Differences in uterine immunoexpression of PR, ER α and OTR when comparing prostaglandin- to progestagen-based protocols for ovine estrus synchronization. <i>Animal Reproduction Science</i> , 2012 , 133, 93-100	2.1	5
111	Characterization of a distinctive pattern of periovulatory leptin secretion and its relationship with ovulation rate and luteal function in swine with obesity/leptin resistance. <i>Peptides</i> , 2012 , 37, 290-3	3.8	3
110	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, 510149	2.2	47
109	The interaction between ovulation rate and embryo survival in determining prolificacy of different strains of obese swine with gene polymorphisms for leptin receptors. <i>Animal Production Science</i> , 2012 , 52, 58	1.4	5
108	Effect of aging on follicular function may be relieved by exogenous gonadotropin treatment in a sheep model. <i>Reproduction</i> , 2012 , 144, 245-55	3.8	10
107	Genetic basis, nutritional challenges and adaptive responses in the prenatal origin of obesity and type-2 diabetes. <i>Current Diabetes Reviews</i> , 2012 , 8, 144-54	2.7	21
106	Glucogenic supply increases oocyte developmental competence in sheep. <i>Reproduction, Fertility and Development</i> , 2012 , 24, 1055-62	1.8	20
105	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, 236-49	2.3	9
104	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	2.1	14
103	Effects of oestrus induction with progestagens or prostaglandin analogues on ovarian and pituitary function in sheep. <i>Animal Reproduction Science</i> , 2011 , 126, 61-9	2.1	12

102	Pharmaceutical control of reproduction in sheep and goats. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2011 , 27, 67-79	4.6	51
101	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	2.8	33
100	The effect of a single high dose of PGF _{2α} administered to dairy cattle 3.5 days after ovulation on luteal function, morphology, and follicular dynamics. <i>Theriogenology</i> , 2011 , 76, 1736-43	2.8	10
99	Nutritional and metabolic modulation of the male effect on the resumption of ovulatory activity in goats. <i>Animal Production Science</i> , 2011 , 51, 115	1.4	12
98	Plasma leptin, ghrelin and indexes of glucose and lipid metabolism in relation to the appearance of post-weaning oestrus in Mediterranean obese sows (Iberian pig). <i>Reproduction in Domestic Animals</i> , 2011 , 46, 558-60	1.6	8
97	Deleterious effects of progestagen treatment in VEGF expression in corpora lutea of pregnant ewes. <i>Reproduction in Domestic Animals</i> , 2011 , 46, 481-8	1.6	1
96	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, 770-5	1.6	9
95	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, 1011-6	1.6	9
94	Preovulatory follicle dynamics and ovulatory efficiency in sows with thrifty genotype and leptin resistance due to leptin receptor gene polymorphisms (Iberian pig). <i>General and Comparative Endocrinology</i> , 2011 , 170, 200-6	3	8
93	Developmental competence of antral follicles and their oocytes after gonadotrophin treatment of sows with gene polymorphisms for leptin and melanocortin receptors (Iberian pig). <i>Journal of Assisted Reproduction and Genetics</i> , 2011 , 28, 437-43	3.4	
92	The effects of age and reproductive status on blood parameters of carbohydrate and lipid metabolism in Iberian obese sows. <i>Reproductive Biology</i> , 2011 , 11, 165-71	2.3	6
91	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	2.2	12
90	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, 866-71	3.9	6
89	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, 160-7	1.6	16
88	Advanced onset of puberty in gilts of thrifty genotype (Iberian pig). <i>Reproduction in Domestic Animals</i> , 2010 , 45, 1003-7	1.6	15
87	Short-term undernutrition affects final development of ovulatory follicles in sheep synchronized for ovulation. <i>Reproduction in Domestic Animals</i> , 2010 , 45, 1033-8	1.6	5
86	The effect of embryo and maternal genotypes on prolificacy, intrauterine growth retardation and postnatal development of Nos3 ^{knockout} mice. <i>Reproductive Biology</i> , 2010 , 10, 241-248	2.3	8
85	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. <i>Reproduction</i> , 2010 , 139, 523-32	3.8	24

84	Estimated daily intake of pesticides and xenoestrogenic exposure by fruit consumption in the female population from a Mediterranean country (Spain). <i>Food Control</i> , 2010 , 21, 471-477	6.2	27
83	Progestogen treatments for cycle management in a sheep model of assisted conception affect the growth patterns, the expression of luteinizing hormone receptors, and the progesterone secretion of induced corpora lutea. <i>Fertility and Sterility</i> , 2010 , 93, 1308-15	4.8	4
82	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	2.8	9
81	Pregnancy-associated changes in plasma concentration of the endocrine disruptor di(2-ethylhexyl) phthalate in a sheep model. <i>Theriogenology</i> , 2010 , 73, 141-6	2.8	7
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