

# Antonio Gonzalez-Bulnes

## List of Publications by Year in descending order

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Version: 2024-02-01

245  
papers

4,634  
citations

136950

32  
h-index

223800

46  
g-index

249  
all docs

249  
docs citations

249  
times ranked

3502  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Use of Probiotics for Management and Improvement of Reproductive Eubiosis and Function. <i>Nutrients</i> , 2022, 14, 902.	4.1	12
2	Polyphenols and IUGR Pregnancies: Effects of the Antioxidant Hydroxytyrosol on the Hippocampus Proteome in a Porcine Model. <i>Antioxidants</i> , 2022, 11, 1135.	5.1	3
3	Oxidative Stress and Fetal Growth Restriction Set Up Earlier in Undernourished Sheep Twin Pregnancies: Prevention with Antioxidant and Nutritional Supplementation. <i>Antioxidants</i> , 2022, 11, 1287.	5.1	6
4	Supplementation with Proline Improves Haemato-Biochemical and Reproductive Indicators in Male Rabbits Affected by Environmental Heat-Stress. <i>Animals</i> , 2021, 11, 373.	2.3	20
5	Efficiency of GnRHâ€“Loaded Chitosan Nanoparticles for Inducing LH Secretion and Fertile Ovulations in Protocols for Artificial Insemination in Rabbit Does. <i>Animals</i> , 2021, 11, 440.	2.3	23
6	Effects of L-Glutamine Supplementation during the Gestation of Gilts and Sows on the Offspring Development in a Traditional Swine Breed. <i>Animals</i> , 2021, 11, 903.	2.3	1
7	The Use of hCG for Inducing Ovulation in Sheep Estrus Synchronization Impairs Ovulatory Follicle Growth and Fertility. <i>Animals</i> , 2021, 11, 984.	2.3	6
8	Maternal Supplementation with Herbal Antioxidants during Pregnancy in Swine. <i>Antioxidants</i> , 2021, 10, 658.	5.1	8
9	Polyphenols and IUGR Pregnancies: Effects of the Antioxidant Hydroxytyrosol on Brain Neurochemistry and Development in a Porcine Model. <i>Antioxidants</i> , 2021, 10, 884.	5.1	7
10	Nanotechnology and Reproductive Management of Farm Animals: Challenges and Advances. <i>Animals</i> , 2021, 11, 1932.	2.3	15
11	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.	3.2	28
12	Maternal Supplementation with Polyphenols and Omega-3 Fatty Acids during Pregnancy: Prenatal Effects on Growth and Metabolism. <i>Animals</i> , 2021, 11, 1699.	2.3	6
13	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.	5.1	17
14	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, 1505.	5.1	6
15	Efficiency of hCG for Inducing Resumption of Ovarian Cyclicity and Synchronized Ovulations during the Seasonal Anestrous in Sheep. <i>Animals</i> , 2021, 11, 3159.	2.3	1
16	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.	3.4	20
17	Circulating Concentrations of Key Regulators of Nitric Oxide Production in Undernourished Sheep Carrying Single and Multiple Fetuses. <i>Animals</i> , 2020, 10, 65.	2.3	10
18	Endocrinology of reproductive function and pregnancy at high altitudes. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2020, 11, 27-32.	1.4	7

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19	Animal Welfare and Livestock Supply Chain Sustainability Under the COVID-19 Outbreak: An Overview. <i>Frontiers in Veterinary Science</i> , 2020, 7, 582528.	2.2	83
20	Metformin Alleviates Obesity and Systemic Oxidative Stress in Obese Young Swine. <i>Pharmaceuticals</i> , 2020, 13, 142.	3.8	4
21	The Effects of Maternal Metformin Treatment on Late Prenatal and Early Postnatal Development of the Offspring Are Modulated by Sex. <i>Pharmaceuticals</i> , 2020, 13, 363.	3.8	7
22	Use of GnRH for Synchronization of the Follicular Wave in Assisted Reproductive Technologies in Sheep: A Preliminary Study. <i>Animals</i> , 2020, 10, 1208.	2.3	3
23	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, 284.	2.8	2
24	A Simplified Iohexol-Based Method to Measure Renal Function in Sheep Models of Renal Disease. <i>Biology</i> , 2020, 9, 259.	2.8	3
25	The Role of Offspring Genotype-by-Sex Interactions, Independently of Environmental Cues, on the Phenotype Traits of an Obese Swine Model. <i>Biology</i> , 2020, 9, 445.	2.8	1
26	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.	2.3	10
27	Polyphenols in Farm Animals: Source of Reproductive Gain or Waste?. <i>Antioxidants</i> , 2020, 9, 1023.	5.1	33
28	State-of-the-Art and Prospective of Nanotechnologies for Smart Reproductive Management of Farm Animals. <i>Animals</i> , 2020, 10, 840.	2.3	30
29	Differential Effects of Litter Size and Within-Litter Birthweight on Postnatal Traits of Fatty Pigs. <i>Animals</i> , 2020, 10, 870.	2.3	2
30	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.	1.4	10
31	Use of Propylene-Glycol as a Cosolvent for GnRH in Synchronization of Estrus and Ovulation in Sheep. <i>Animals</i> , 2020, 10, 897.	2.3	7
32	Intake of Spineless Cladodes of <i>Opuntia ficus-indica</i> During Late Pregnancy Improves Progeny Performance in Underfed Sheep. <i>Animals</i> , 2020, 10, 995.	2.3	7
33	A Cross-Sectional Study of Obesity Effects on the Metabolomic Profile of a Leptin-Resistant Swine Model. <i>Metabolites</i> , 2020, 10, 89.	2.9	6
34	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.	1.9	6
35	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.	0.4	42
36	The impact of prenatal environment on postnatal life and performance: Future perspectives for prevention and treatment. <i>Theriogenology</i> , 2020, 150, 15-19.	2.1	6

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37	Impact of genotype, body weight and sex on the prenatal muscle transcriptome of Iberian pigs. PLoS ONE, 2020, 15, e0227861.	2.5	12
38	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. Animals, 2020, 10, 652.	2.3	11
39	Piglet birthweight and sex affect growth performance and fatty acid composition in fatty pigs. Animal Production Science, 2020, 60, 573.	1.3	13
40	Placental oxygen transfer reduces hypoxia-reoxygenation swings in fetal blood in a sheep model of gestational sleep apnea. Journal of Applied Physiology, 2019, 127, 745-752.	2.5	13
41	Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Hepatic Fat Accretion and Energy and Fatty Acids Profile of Fetal Tissues. Nutrients, 2019, 11, 1534.	4.1	15
42	Onset of oestrus and periovulatory events in sheep exposed to 5 and 14 days of CIDR treatment with and without eCG. Reproduction in Domestic Animals, 2019, 54, 1489-1492.	1.4	5
43	Models of Intrauterine growth restriction and fetal programming in rabbits. Molecular Reproduction and Development, 2019, 86, 1781-1809.	2.0	36
44	Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Postnatal Growth, Metabolism and Body Composition of the Offspring. Antioxidants, 2019, 8, 535.	5.1	15
45	Maternal Metabolic Demands Caused by Pregnancy and Lactation: Association with Productivity and Offspring Phenotype in High-Yielding Dairy Ewes. Animals, 2019, 9, 295.	2.3	8
46	Influence of Progesterone-Treatment Length and eCG Administration on Appearance of Estrus Behavior, Ovulatory Success and Fertility in Sheep. Animals, 2019, 9, 9.	2.3	24
47	SWATH-MS quantitative proteomic investigation of intrauterine growth restriction in a porcine model reveals sex differences in hippocampus development. Journal of Proteomics, 2019, 204, 103391.	2.4	13
48	Effects of short-term intravaginal progestagen treatment on fertility and prolificacy after natural breeding in sheep at different reproductive seasons. Journal of Applied Animal Research, 2019, 47, 201-205.	1.2	6
49	Efficiency of CIDR-Based Protocols Including GnRH Instead of eCG for Estrus Synchronization in Sheep. Animals, 2019, 9, 146.	2.3	22
50	Maternal Metformin Treatment Improves Developmental and Metabolic Traits of IUGR Fetuses. Biomolecules, 2019, 9, 166.	4.0	14
51	Maternal Supplementation with Antioxidant Vitamins in Sheep Results in Increased Transfer to the Fetus and Improvement of Fetal Antioxidant Status and Development. Antioxidants, 2019, 8, 59.	5.1	13
52	Polyphenols and IUGR Pregnancies: Effects of Maternal Hydroxytyrosol Supplementation on Placental Gene Expression and Fetal Antioxidant Status, DNA-Methylation and Phenotype. International Journal of Molecular Sciences, 2019, 20, 1187.	4.1	27
53	Influence of Maternal Factors (Weight, Body Condition, Parity, and Pregnancy Rank) on Plasma Metabolites of Dairy Ewes and Their Lambs. Animals, 2019, 9, 122.	2.3	27
54	Onset of estrus and preovulatory LH surge and ovulatory efficiency in sheep after short-term treatments with progestagen sponges and progesterone CIDRs. Reproduction in Domestic Animals, 2019, 54, 408-411.	1.4	3

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55	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.	0.5	16
56	Vitrified embryo transfer in Merino sheep under extensive conditions. <i>Animal Reproduction</i> , 2019, 16, 297-301.	1.0	11
57	Late Breaking Abstract - Fetal blood hypoxia/reoxygenation swings are reduced by placental oxygen transfer in a model ovine pregnancy with sleep apnea. , 2019, , .		0
58	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.	1.4	7
59	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.	3.3	2
60	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.	5.3	11
61	Ram semen deterioration by short-term exposure to high altitude is prevented by improvement of antioxidant status. <i>Animal</i> , 2018, 12, 1007-1014.	3.3	10
62	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.	1.2	9
63	Intravaginal Device-Type and Treatment-Length for Ovine Estrus Synchronization Modify Vaginal Mucus and Microbiota and Affect Fertility. <i>Animals</i> , 2018, 8, 226.	2.3	28
64	Possible Benefits and Risks of Polyphenols Supplementation During Pregnancy. , 2018, , 249-260.		0
65	Hypoxia and Oxidative Stress Are Associated with Reduced Fetal Growth in Twin and Undernourished Sheep Pregnancies. <i>Animals</i> , 2018, 8, 217.	2.3	25
66	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.	1.5	16
67	Characterization of Ageing- and Diet-Related Swine Models of Sarcopenia and Sarcopenic Obesity. <i>International Journal of Molecular Sciences</i> , 2018, 19, 823.	4.1	12
68	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.	4.1	10
69	ET-Technologies in Small Ruminants. , 2018, , 135-166.		3
70	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.	0.9	2
71	Implicaciones de la programación prenatal en la producción de cerdo ibérico. <i>Archivos De Zootecnia</i> , 2018, 67, 93-95.	0.1	0
72	Efectos del sexo y edad gestacional sobre la composición de ácidos grasos de fetos de cerdo ibérico expuestos a malnutrición materna. <i>Archivos De Zootecnia</i> , 2018, 67, 109-113.	0.1	0

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73	Efecto del sexo y la restricci3n de crecimiento intrauterino en la composici3n de cidos grasos en lechones ibricos recin nacidos. Archivos De Zootecnia, 2018, 67, 115-117.	0.1	0
74	Antioxidant homeostasis is disturbed in fetuses with leptin-resistant genotypes: A cross-sectional study. International Journal of Reproductive BioMedicine, 2018, 16, 497-500.	0.9	2
75	Effects of fetal genotype and sex on developmental response to maternal malnutrition. Reproduction, Fertility and Development, 2017, 29, 1155.	0.4	17
76	The effects of sildenafil citrate on feto placental development and haemodynamics in a rabbit model of intrauterine growth restriction. Reproduction, Fertility and Development, 2017, 29, 1239.	0.4	22
77	Fetal growthretardation and brainsparing by malnutrition are associated to changes in neurotransmitters profile. International Journal of Developmental Neuroscience, 2017, 57, 72-76.	1.6	19
78	Maternal age modulates the effects of early-pregnancy L-proline supplementation on the birth-weight of piglets. Animal Reproduction Science, 2017, 181, 63-68.	1.5	11
79	Identification of factors affecting colostrum quality of dairy Lacaune ewes assessed with the Brix refractometer. Journal of Dairy Research, 2017, 84, 440-443.	1.4	15
80	Polyphenols and IUGR pregnancies: Maternal hydroxytyrosol supplementation improves prenatal and early-postnatal growth and metabolism of the offspring. PLoS ONE, 2017, 12, e0177593.	2.5	33
81	Ontogeny of Sex-Related Differences in Foetal Developmental Features, Lipid Availability and Fatty Acid Composition. International Journal of Molecular Sciences, 2017, 18, 1171.	4.1	15
82	A diet supplemented with n-3 polyunsaturated fatty acids influences the metabomscic and endocrine response of rabbit does and their offspring1. Journal of Animal Science, 2017, 95, 2690-2700.	0.5	15
83	Competition for Materno-Fetal Resource Partitioning in a Rabbit Model of Undernourished Pregnancy. PLoS ONE, 2017, 12, e0169194.	2.5	17
84	Contribution of Large Animals to Translational Research on Prenatal Programming of Obesity and Associated Diseases. Current Pharmaceutical Biotechnology, 2017, 18, 541-551.	1.6	18
85	Developmental origins of metabolic disorders: The need for biomarker candidates and therapeutic targets from adequate preclinical models. EuPA Open Proteomics, 2016, 10, 50-55.	2.5	7
86	Developmental Origins of Health and Disease in swine: implications for animal production and biomedical research. Theriogenology, 2016, 86, 110-119.	2.1	49
87	Sex and intrauterine growth restriction modify brain neurotransmitters profile of newborn piglets. International Journal of Developmental Neuroscience, 2016, 55, 9-14.	1.6	17
88	Postnatal pituitary and follicular activation: a revisited hypothesis in a sheep model. Reproduction, 2016, 151, 215-225.	2.6	20
89	Developmental Stage, Muscle and Genetic Type Modify Muscle Transcriptome in Pigs: Effects on Gene Expression and Regulatory Factors Involved in Growth and Metabolism. PLoS ONE, 2016, 11, e0167858.	2.5	56
90	Nature and Nurture in the Early-Life Origins of Metabolic Syndrome. Current Pharmaceutical Biotechnology, 2016, 17, 573-586.	1.6	14

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91	Empowering Translational Research in Fetal Growth Restriction: Sheep and Swine Animal Models. <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 848-855.	1.6	28
92	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.	1.4	16
93	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.	2.5	83
94	Preselection of high and low ovulatory responders in sheep multiple ovulation and embryo transfer programs. <i>Theriogenology</i> , 2015, 84, 784-790.	2.1	23
95	Alternative method for intramuscular fat analysis using common laboratory equipment. <i>Meat Science</i> , 2015, 103, 24-27.	5.5	3
96	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.	5.5	16
97	Effects of Lifestyle on Female Reproductive Features and Success: Lessons from Animal Models. , 2015, , 191-202.		0
98	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.	1.4	3
99	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.	2.5	19
100	Fetal Sex Modulates Developmental Response to Maternal Malnutrition. <i>PLoS ONE</i> , 2015, 10, e0142158.	2.5	15
101	Transgenerational Inheritance in the Offspring of Pregnant Women with Metabolic Syndrome. <i>Current Pharmaceutical Biotechnology</i> , 2014, 15, 13-23.	1.6	6
102	Advanced onset of puberty after metformin therapy in swine with thrifty genotype. <i>Experimental Physiology</i> , 2014, 99, 1241-1252.	2.0	10
103	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.	1.4	9
104	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.	1.4	11
105	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, 977-984.	1.4	10
106	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.	2.3	39
107	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, 839-847.	3.2	0
108	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, 130-137.	2.5	7

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109	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.	2.2	7
110	Melatonin deprivation modifies follicular and corpus luteal growth dynamics in a sheep model. <i>Reproduction</i> , 2014, 147, 885-895.	2.6	20
111	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-M29.	2.6	31
112	Repeatability of superovulatory response to successive FSH treatments in Merino sheep. <i>Small Ruminant Research</i> , 2014, 120, 84-89.	1.2	18
113	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.	0.4	33
114	Embryo gene expression in response to maternal supplementation with glycogenic precursors in the rabbit. <i>Animal Reproduction Science</i> , 2013, 142, 173-182.	1.5	6
115	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.	4.0	12
116	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.	3.3	35
117	Toxicokinetics of di(2-ethylhexyl) phthalate (DEHP) and its effects on luteal function in sheep. <i>Reproductive Biology</i> , 2013, 13, 66-74.	1.9	14
118	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.	1.2	3
119	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, 290-295.	1.4	6
120	<i>In vitro</i> 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.	1.4	7
121	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.	0.4	21
122	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.	2.5	21
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.	2.5	38
124	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.	1.2	22
125	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, 240-249.	1.2	7
126	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.	3.3	8



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127	Effect of aging on follicular function may be relieved by exogenous gonadotropin treatment in a sheep model. <i>Reproduction</i> , 2012, 144, 245-255.	2.6	12
128	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.	1.3	24
129	Glucogenic supply increases oocyte developmental competence in sheep. <i>Reproduction, Fertility and Development</i> , 2012, 24, 1055.	0.4	23
130	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.	2.6	43
131	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, 100-102.	1.9	7
132	Inclusion of seminal plasma in sperm cryopreservation of Iberian pig. <i>Animal Reproduction Science</i> , 2012, 130, 82-90.	1.5	17
133	Hormonal control of reproduction in small ruminants. <i>Animal Reproduction Science</i> , 2012, 130, 173-179.	1.5	171
134	Differences in uterine immunoexpression of PR, ER $\alpha$ and OTR when comparing prostaglandin- to progestagen-based protocols for ovine estrus synchronization. <i>Animal Reproduction Science</i> , 2012, 133, 93-100.	1.5	6
135	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, 290-293.	2.4	4
136	Diet-Induced Swine Model with Obesity/Leptin Resistance for the Study of Metabolic Syndrome and Type 2 Diabetes. <i>Scientific World Journal</i> , The, 2012, 2012, 1-8.	2.1	59
137	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.	1.3	7
138	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.	1.8	23
139	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.	2.2	10
140	Endometrial Expression of IFNAR $\alpha$ 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, 274-280.	1.4	6
141	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, 165-171.	1.9	6
142	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.	1.9	9
143	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.	1.5	17
144	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.	1.5	14

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145	Pharmaceutical Control of Reproduction in Sheep and Goats. <i>Veterinary Clinics of North America - Food Animal Practice</i> , 2011, 27, 67-79.	1.2	76
146	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.	2.1	41
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