

Raúl Sainchez-Sainchez

List of Publications by Year in descending order

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38
papers

682
citations

471061

17
h-index

580395

25
g-index

41
all docs

41
docs citations

41
times ranked

828
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	0.8	59
2	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
3	Generation and characterization of a novel knockin minipig model of Hutchinson-Gilford progeria syndrome. <i>Cell Discovery</i> , 2019, 5, 16.	3.1	43
4	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
5	Semen changes in boars after experimental infection with porcine reproductive and respiratory syndrome (PRRS) virus. <i>Theriogenology</i> , 1996, 45, 383-395.	0.9	36
6	Effect of the duration of commercial journeys between rearing farms and growingâ€“finishing farms on the physiological stress response of weaned piglets. <i>Livestock Science</i> , 2009, 122, 339-344.	0.6	34
7	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
8	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.	1.2	31
9	Exposure of gilts in early gestation to porcine reproductive and respiratory syndrome virus. <i>Veterinary Record</i> , 1996, 138, 536-539.	0.2	30
10	Reproductive consequences of a reciprocal chromosomal translocation in two Duroc boars used to provide semen for artificial insemination. <i>Theriogenology</i> , 2010, 74, 67-74.	0.9	29
11	Iberian pig mesenchymal stem/stromal cells from dermal skin, abdominal and subcutaneous adipose tissues, and peripheral blood: in vitro characterization and migratory properties in inflammation. <i>Stem Cell Research and Therapy</i> , 2018, 9, 178.	2.4	29
12	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
13	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
14	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
15	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
16	Inclusion of seminal plasma in sperm cryopreservation of Iberian pig. <i>Animal Reproduction Science</i> , 2012, 130, 82-90.	0.5	17
17	Effects of fetal genotype and sex on developmental response to maternal malnutrition. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1155.	0.1	17
18	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

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19	Fetal Sex Modulates Developmental Response to Maternal Malnutrition. PLoS ONE, 2015, 10, e0142158.	1.1	15
20	Generation of Nonmosaic, Two-Pore Channel 2 Biallelic Knockout Pigs in One Generation by CRISPR-Cas9 Microinjection Before Oocyte Insemination. CRISPR Journal, 2021, 4, 132-146.	1.4	12
21	Patterns of Corpora Lutea Growth and Progesterone Secretion in Sows with Thrifty Genotype and Leptin Resistance due to Leptin Receptor Gene Polymorphisms (Iberian Pig). Reproduction in Domestic Animals, 2011, 46, 1011-1016.	0.6	10
22	Prevalence of chromosomal aberrations in breeding pigs in Spain. Reproduction in Domestic Animals, 2019, 54, 98-101.	0.6	10
23	Perfluorooctane Sulfonate (PFOS) and Perfluorohexane Sulfonate (PFHxS) Alters Protein Phosphorylation, Increase ROS Levels and DNA Fragmentation during In Vitro Capacitation of Boar Spermatozoa. Animals, 2020, 10, 1934.	1.0	10
24	Accuracy of in vivo and ex vivo ultrasonographic evaluation of ovarian follicles and corpora lutea in sows. Theriogenology, 2009, 71, 1433-1439.	0.9	8
25	Plasma Leptin, Ghrelin and Indexes of Glucose and Lipid Metabolism in Relation to the Appearance of Postweaning Oestrus in Mediterranean Obese Sows (Iberian Pig). Reproduction in Domestic Animals, 2011, 46, 558-560.	0.6	8
26	Preovulatory follicle dynamics and ovulatory efficiency in sows with thrifty genotype and leptin resistance due to leptin receptor gene polymorphisms (Iberian pig). General and Comparative Endocrinology, 2011, 170, 200-206.	0.8	8
27	Prepuberal evolution of plasma leptin levels in gilts of thrifty genotype (Iberian pig) and lean commercial crosses (Large White × Landrace). Research in Veterinary Science, 2012, 93, 100-102.	0.9	7
28	The interaction between ovulation rate and embryo survival in determining prolificacy of different strains of obese swine with gene polymorphisms for leptin receptors. Animal Production Science, 2012, 52, 58.	0.6	7
29	In vitro Release of Ovarian Progesterone is Decreased During the Oestrous Cycle and Pregnancy of Swine with Obesity/Leptin Resistance. Reproduction in Domestic Animals, 2013, 48, e44-8.	0.6	7
30	Intake of high saturated-fat diets disturbs steroidogenesis, lipid metabolism and development of obese-swine conceptuses from early-pregnancy stages. Journal of Steroid Biochemistry and Molecular Biology, 2014, 139, 130-137.	1.2	7
31	Fetal and Early-Postnatal Developmental Patterns of Obese-Genotype Piglets Exposed to Prenatal Programming by Maternal Over- and Undernutrition. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2013, 13, 240-249.	0.6	7
32	Effects of Dilution Rate on the Motility and Acrosome Morphology of Boar Spermatozoa Stored at 15 Å°C. Reproduction in Domestic Animals, 1991, 26, 112-116.	0.6	6
33	Maternal diet-induced obesity in swine with leptin resistance modifies puberty and pregnancy outputs of the adult offspring. Journal of Developmental Origins of Health and Disease, 2013, 4, 290-295.	0.7	6
34	EFFECT OF COOLED and FROZEN BOAR SEMEN ON EMBRYO DEVELOPMENT. Reproduction in Domestic Animals, 1996, 31, 309-310.	0.6	5
35	Characterization of a distinctive pattern of periovulatory leptin secretion and its relationship with ovulation rate and luteal function in swine with obesity/leptin resistance. Peptides, 2012, 37, 290-293.	1.2	4
36	Two cases of Reciprocal Chromosomal Translocation (4; 7)(p+; qâ”) (2; 8)(qâ”; q+) in Piglets Produced by ICSI. Reproduction in Domestic Animals, 2011, 46, 728-730.	0.6	2

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37	Developmental competence of antral follicles and their oocytes after gonadotrophin treatment of sows with gene polymorphisms for leptin and melanocortin receptors (Iberian pig). Journal of Assisted Reproduction and Genetics, 2011, 28, 437-443.	1.2	0
38	EFFECTO DE LA RAZA DEL TORO DE CARNE SOBRE LA CALIDAD ESPERMÁTICA DE SEMEN DESCONGELADO. Agro Productividad, 2020, 13, .	0.1	0