

Marta Vázquez-Gómez

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

475
citations

687363

13
h-index

794594

19
g-index

41
all docs

41
docs citations

41
times ranked

578
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmental Origins of Health and Disease in swine: implications for animal production and biomedical research. <i>Theriogenology</i> , 2016, 86, 110-119.	2.1	49
2	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.	2.5	33
3	Empowering Translational Research in Fetal Growth Restriction: Sheep and Swine Animal Models. <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 848-855.	1.6	28
4	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.	4.1	27
5	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.	2.3	27
6	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
7	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.	1.6	19
8	Sex and intrauterine growth restriction modify brain neurotransmitters profile of newborn piglets. <i>International Journal of Developmental Neuroscience</i> , 2016, 55, 9-14.	1.6	17
9	Effects of fetal genotype and sex on developmental response to maternal malnutrition. <i>Reproduction, Fertility and Development</i> , 2017, 29, 1155.	0.4	17
10	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.	4.1	15
11	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.	4.1	15
12	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.	5.1	15
13	Fetal Sex Modulates Developmental Response to Maternal Malnutrition. <i>PLoS ONE</i> , 2015, 10, e0142158.	2.5	15
14	Maternal Metformin Treatment Improves Developmental and Metabolic Traits of IUGR Fetuses. <i>Biomolecules</i> , 2019, 9, 166.	4.0	14
15	Nature and Nurture in the Early-Life Origins of Metabolic Syndrome. <i>Current Pharmaceutical Biotechnology</i> , 2016, 17, 573-586.	1.6	14
16	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.	2.4	13
17	Piglet birthweight and sex affect growth performance and fatty acid composition in fatty pigs. <i>Animal Production Science</i> , 2020, 60, 573.	1.3	13
18	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

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19	Impact of genotype, body weight and sex on the prenatal muscle transcriptome of Iberian pigs. <i>PLoS ONE</i> , 2020, 15, e0227861.	2.5	12
20	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
21	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
22	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
23	Maternal Metabolic Demands Caused by Pregnancy and Lactation: Association with Productivity and Offspring Phenotype in High-Yielding Dairy Ewes. <i>Animals</i> , 2019, 9, 295.	2.3	8
24	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
25	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
26	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
27	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
28	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
29	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
30	Metformin Alleviates Obesity and Systemic Oxidative Stress in Obese Young Swine. <i>Pharmaceuticals</i> , 2020, 13, 142.	3.8	4
31	Maternal Transmission Ratio Distortion in Two Iberian Pig Varieties. <i>Genes</i> , 2020, 11, 1050.	2.4	3
32	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
33	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
34	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
35	Differential Effects of Litter Size and Within-Litter Birthweight on Postnatal Traits of Fatty Pigs. <i>Animals</i> , 2020, 10, 870.	2.3	2
36	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

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37	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
38	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
39	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
40	Possible Benefits and Risks of Polyphenols Supplementation During Pregnancy. , 2018, , 249-260.		0