Miriam Ayuso

List of Publications by Year
in descending order

25 papers	535 citations	840585 11 h-index	677027 22 g-index
25 all docs	25 docs citations	25 times ranked	536 citing authors

#	Article	IF	Citations
1	Preweaning performance in intrauterine growthâ€restricted piglets: Characteristics and interventions. Molecular Reproduction and Development, 2023, 90, 697-707.	1.0	4
2	Drenching Bovine Colostrum, Quercetin or Fructo-Oligosaccharides Has No Effect on Health or Survival of Low Birth Weight Piglets. Animals, 2022, 12, 55.	1.0	4
3	Handling Associated with Drenching Does Not Impact Survival and General Health of Low Birth Weight Piglets. Animals, 2021, 11, 404.	1.0	8
4	Low birth weight female piglets show altered intestinal development, gene expression, and epigenetic changes at key developmental loci. FASEB Journal, 2021, 35, e21522.	0.2	12
5	Safety Testing of an Antisense Oligonucleotide Intended for Pediatric Indications in the Juvenile GÃ¶ttingen Minipig, including an Evaluation of the Ontogeny of Key Nucleases. Pharmaceutics, 2021, 13, 1442.	2.0	4
6	The Neonatal and Juvenile Pig in Pediatric Drug Discovery and Development. Pharmaceutics, 2021, 13, 44.	2.0	17
7	Preterm Birth Affects Early Motor Development in Pigs. Frontiers in Pediatrics, 2021, 9, 731877.	0.9	3
8	Developmental Toxicity and Biotransformation of Two Anti-Epileptics in Zebrafish Embryos and Early Larvae. International Journal of Molecular Sciences, 2021, 22, 12696.	1.8	4
9	DMSO Concentrations up to 1% are Safe to be Used in the Zebrafish Embryo Developmental Toxicity Assay. Frontiers in Toxicology, 2021, 3, 804033.	1.6	28
10	Changes in Biceps femoris Transcriptome along Growth in Iberian Pigs Fed Different Energy Sources and Comparative Analysis with Duroc Breed. Animals, 2021, 11, 3505.	1.0	6
11	A Medium-Throughput System for In Vitro Oxidative Stress Assessment in IPEC-J2 Cells. International Journal of Molecular Sciences, 2020, 21, 7263.	1.8	10
12	Refinement of the zebrafish embryo developmental toxicity assay. MethodsX, 2020, 7, 101087.	0.7	9
13	Short-chain fructo-oligosaccharides supplementation to suckling piglets: Assessment of pre- and post-weaning performance and gut health. PLoS ONE, 2020, 15, e0233910.	1.1	10
14	Birthweight determines intestinal microvasculature development and alters endothelial nitric oxide synthase density in young piglets. Journal of Veterinary Medicine Series C: Anatomia Histologia Embryologia, 2020, 49, 627-634.	0.3	3
15	Glucose and glycogen levels in piglets that differ in birth weight and vitality. Heliyon, 2019, 5, e02510.	1.4	21
16	Does intrauterine crowding affect the force generating capacity and muscle composition of the piglet front limb?. PLoS ONE, 2019, 14, e0223851.	1.1	4
17	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.	1.8	27
18	How does intrauterine crowding affect locomotor performance in newborn pigs? A study of force generating capacity and muscle composition of the hind limb. PLoS ONE, 2018, 13, e0209233.	1.1	12

#	Article	IF	Citations
19	Does intrauterine crowding affect locomotor development? A comparative study of motor performance, neuromotor maturation and gait variability among piglets that differ in birth weight and vitality. PLoS ONE, 2018, 13, e0195961.	1.1	25
20	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.	1.1	56
21	Comparative Analysis of Muscle Transcriptome between Pig Genotypes Identifies Genes and Regulatory Mechanisms Associated to Growth, Fatness and Metabolism. PLoS ONE, 2015, 10, e0145162.	1.1	83
22	Prenatal programming in an obese swine model: sex-related effects of maternal energy restriction on morphology, metabolism and hypothalamic gene expression. British Journal of Nutrition, 2014, 111, 735-746.	1.2	39
23	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
24	Longissimus dorsi transcriptome analysis of purebred and crossbred Iberian pigs differing in muscle characteristics. BMC Genomics, 2014, 15, 413.	1.2	77
25	Maternal Malnutrition and Offspring Sex Determine Juvenile Obesity and Metabolic Disorders in a Swine Model of Leptin Resistance. PLoS ONE, 2013, 8, e78424.	1.1	38