

Mario Van Poucke

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

571
citations

623574

14
h-index

642610

23
g-index

33
all docs

33
docs citations

33
times ranked

980
citing authors

#	ARTICLE	IF	CITATIONS
1	Intrauterine growth restriction in neonatal piglets affects small intestinal mucosal permeability and mRNA expression of redox-sensitive genes. <i>FASEB Journal</i> , 2016, 30, 863-873.	0.2	60
2	Suboptimal culture conditions induce more deviations in gene expression in male than female bovine blastocysts. <i>BMC Genomics</i> , 2016, 17, 72.	1.2	58
3	High oxygen tension increases global methylation in bovine 4-cell embryos and blastocysts but does not affect general retrotransposon expression. <i>Reproduction, Fertility and Development</i> , 2016, 28, 948.	0.1	54
4	The Equine Embryo Influences Immune-Related Gene Expression in the Oviduct1. <i>Biology of Reproduction</i> , 2016, 94, 36.	1.2	34
5	High susceptibility prevalence for F4 + and F18 + <i>Escherichia coli</i> in Flemish pigs. <i>Veterinary Microbiology</i> , 2017, 202, 52-57.	0.8	32
6	A dual fluorescent multiprobe assay for prion protein genotyping in sheep. <i>BMC Infectious Diseases</i> , 2005, 5, 13.	1.3	29
7	Refined Candidate Region for F4ab/ac Enterotoxigenic <i>Escherichia coli</i> Susceptibility Situated Proximal to MUC13 in Pigs. <i>PLoS ONE</i> , 2014, 9, e105013.	1.1	28
8	Exposing dairy bulls to high temperature-humidity index during spermatogenesis compromises subsequent embryo development in vitro. <i>Theriogenology</i> , 2020, 141, 16-25.	0.9	28
9	Mycotoxin binder improves growth rate in piglets associated with reduction of toll-like receptor-4 and increase of tight junction protein gene expression in gut mucosa. <i>Journal of Animal Science and Biotechnology</i> , 2017, 8, 80.	2.1	22
10	Somatic cell count and milk neutrophil viability of dairy heifers with specific CXCR1 genotypes following experimental intramammary infection with <i>Staphylococcus chromogenes</i> originating from milk. <i>Veterinary Journal</i> , 2015, 204, 322-326.	0.6	19
11	A feline orthologue of the human MYH7 c.5647G>A (p.(Glu1883Lys)) variant causes hypertrophic cardiomyopathy in a Domestic Shorthair cat. <i>European Journal of Human Genetics</i> , 2019, 27, 1724-1730.	1.4	19
12	Honey bee predisposition of resistance to ubiquitous mite infestations. <i>Scientific Reports</i> , 2019, 9, 7794.	1.6	18
13	A canine orthologue of the human GFAP c.716G>A (p.Arg239His) variant causes Alexander disease in a Labrador retriever. <i>European Journal of Human Genetics</i> , 2016, 24, 852-856.	1.4	17
14	The novel homozygous KCNJ10 c.986T>C (p.(Leu329Pro)) variant is pathogenic for the SeSAME/EAST homologue in Malinois dogs. <i>European Journal of Human Genetics</i> , 2017, 25, 222-226.	1.4	16
15	Differential expression of CXCR1 and commonly used reference genes in bovine milk somatic cells following experimental intramammary challenge. <i>BMC Genetics</i> , 2015, 16, 40.	2.7	15
16	Blocking connexin channels improves embryo development of vitrified bovine blastocysts. <i>Biology of Reproduction</i> , 2017, 96, 288-301.	1.2	14
17	Antibiotic affects the gut microbiota composition and expression of genes related to lipid metabolism and myofiber types in skeletal muscle of piglets. <i>BMC Veterinary Research</i> , 2020, 16, 392.	0.7	14
18	Experimental validation of in silico predicted KCNA1, KCNA2, KCNA6 and KCNQ2 genes for association studies of peripheral nerve hyperexcitability syndrome in Jack Russell Terriers. <i>Neuromuscular Disorders</i> , 2012, 22, 558-565.	0.3	13

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19	Maternal immunity enhances systemic recall immune responses upon oral immunization of piglets with F4 fimbriae. <i>Veterinary Research</i> , 2015, 46, 72.	1.1	13
20	Truncating SLC12A6 variants cause different clinical phenotypes in humans and dogs. <i>European Journal of Human Genetics</i> , 2019, 27, 1561-1568.	1.4	11
21	Short-chain fructo-oligosaccharides supplementation to suckling piglets: Assessment of pre- and post-weaning performance and gut health. <i>PLoS ONE</i> , 2020, 15, e0233910.	1.1	10
22	Molecular cloning and characterization of the porcine prostaglandin transporter (SLCO2A1): evaluation of its role in F4 mediated neonatal diarrhoea. <i>BMC Genetics</i> , 2009, 10, 64.	2.7	9
23	Identification of a microscopically selected microorganism in milk samples. <i>Journal of Dairy Science</i> , 2014, 97, 609-615.	1.4	9
24	Methylation of selected CpG islands involved in the transcription of myeloperoxidase and superoxide dismutase 2 in neutrophils of periparturient and mid-lactation cows. <i>Journal of Dairy Science</i> , 2019, 102, 7421-7434.	1.4	5
25	Expression of Transient Receptor Potential Ankyrin 1 and Transient Receptor Potential Vanilloid 1 in the Gut of the Peri-Weaning Pig Is Strongly Dependent on Age and Intestinal Site. <i>Animals</i> , 2020, 10, 2417.	1.0	5
26	Association of CXCR1 polymorphisms with apoptosis, necrosis and concentration of milk neutrophils in early lactating dairy heifers. <i>Research in Veterinary Science</i> , 2014, 97, 55-59.	0.9	4
27	Aortopulmonary fistula in a Warmblood mare associated with an aortic aneurysm and supravalvular aortic stenosis. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 2152-2157.	0.6	4
28	Comparative analysis of a BAC contig of porcine chromosome 13q31-q32 and human chromosome 3q21-q22. <i>BMC Genomics</i> , 2005, 6, 133.	1.2	3
29	Complete genomic sequence of the goat prion protein gene (PRNP). <i>Virus Genes</i> , 2009, 38, 189-192.	0.7	2
30	Variation in 12 porcine genes involved in the carbohydrate moiety assembly of glycosphingolipids does not account for differential binding of F4 <i>Escherichia coli</i> and their fimbriae. <i>BMC Genetics</i> , 2014, 15, 103.	2.7	2
31	Paradoxical pseudomyotonia in English Springer and Cocker Spaniels. <i>Journal of Veterinary Internal Medicine</i> , 2020, 34, 253-257.	0.6	2
32	qPCR assays with dual-labeled probes for genotyping honey bee variants associated with varroa resistance. <i>BMC Veterinary Research</i> , 2021, 17, 179.	0.7	0