

# Marion T Ryan

## List of Publications by Year in descending order

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Version: 2024-02-01

39  
papers

849  
citations

567144

15  
h-index

501076

28  
g-index

40  
all docs

40  
docs citations

40  
times ranked

1056  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of purified $\beta$ -glucans derived from <i>Laminaria digitata</i> , <i>Laminaria hyperborea</i> and <i>Saccharomyces cerevisiae</i> on piglet performance, selected bacterial populations, volatile fatty acids and pro-inflammatory cytokines in the gastrointestinal tract of pigs. <i>British Journal of Nutrition</i> , 2012, 108, 1226-1234.	1.2	100
2	The effects of laminarin derived from <i>Laminaria digitata</i> on measurements of gut health: selected bacterial populations, intestinal fermentation, mucin gene expression and cytokine gene expression in the pig. <i>British Journal of Nutrition</i> , 2011, 105, 669-677.	1.2	79
3	Major Histocompatibility Complex DRB1 gene: its role in nematode resistance in Suffolk and Texel sheep breeds. <i>Parasitology</i> , 2005, 131, 403-409.	0.7	66
4	Anti-Inflammatory Effects of Pomegranate Peel Extracts on In Vitro Human Intestinal Caco-2 Cells and Ex Vivo Porcine Colonic Tissue Explants. <i>Nutrients</i> , 2019, 11, 548.	1.7	57
5	Effect of seaweed-derived laminarin and fucoidan and zinc oxide on gut morphology, nutrient transporters, nutrient digestibility, growth performance and selected microbial populations in weaned pigs. <i>British Journal of Nutrition</i> , 2014, 111, 1577-1585.	1.2	56
6	Observations of Veterinary Medicine Students' Approaches to Study in Pre-clinical Years. <i>Journal of Veterinary Medical Education</i> , 2004, 31, 242-254.	0.4	51
7	SNP variation in the promoter of the PRKAG3 gene and association with meat quality traits in pig. <i>BMC Genetics</i> , 2012, 13, 66.	2.7	40
8	Intron 1 of the interferon $\beta$ gene: Its role in nematode resistance in Suffolk and Texel sheep breeds. <i>Research in Veterinary Science</i> , 2005, 79, 191-196.	0.9	37
9	Anti-inflammatory effects of a casein hydrolysate and its peptide-enriched fractions on TNF $\alpha$ -challenged Caco-2 cells and LPS-challenged porcine colonic explants. <i>Food Science and Nutrition</i> , 2014, 2, 712-723.	1.5	37
10	Indices of gastrointestinal fermentation and manure emissions of growing-finishing pigs as influenced through singular or combined consumption of <i>Lactobacillus plantarum</i> and inulin. <i>Journal of Animal Science</i> , 2012, 90, 3848-3857.	0.2	34
11	Extracts of laminarin and laminarin/fucoidan from the marine macroalgal species <i>Laminaria digitata</i> improved growth rate and intestinal structure in young chicks, but does not influence <i>Campylobacter jejuni</i> colonisation. <i>Animal Feed Science and Technology</i> , 2017, 232, 71-79.	1.1	31
12	Development of Multiple-Locus Variable-Number Tandem-Repeat Analysis for the Molecular Subtyping of <i>Enterobacter sakazakii</i> . <i>Applied and Environmental Microbiology</i> , 2008, 74, 1223-1231.	1.4	28
13	The anti-inflammatory potential of a moderately hydrolysed casein and its 5 kDa fraction in in vitro and ex vivo models of the gastrointestinal tract. <i>Food and Function</i> , 2015, 6, 612-621.	2.1	28
14	Molecular characterization of Irish <i>E. coli</i> O157:H7 isolates of human, bovine, ovine and porcine origin. <i>Journal of Applied Microbiology</i> , 2009, 107, 1340-1349.	1.4	18
15	Selection of stable reference genes for quantitative real-time PCR in porcine gastrointestinal tissues. <i>Livestock Science</i> , 2010, 133, 42-44.	0.6	17
16	Effects of dietary supplementation with <i>Laminaria hyperborea</i> , <i>Laminaria digitata</i> , and <i>Saccharomyces cerevisiae</i> on the IL-17 pathway in the porcine colon. <i>Journal of Animal Science</i> , 2012, 90, 263-265.	0.2	16
17	Effects of reducing dietary crude protein concentration and supplementation with either laminarin or zinc oxide on the growth performance and intestinal health of newly weaned pigs. <i>Animal Feed Science and Technology</i> , 2020, 270, 114693.	1.1	16
18	The Effects of the Marine-Derived Polysaccharides Laminarin and Chitosan on Aspects of Colonic Health in Pigs Challenged with Dextran Sodium Sulphate. <i>Marine Drugs</i> , 2020, 18, 262.	2.2	15

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19	Effects of dietary $\beta$ -glucans supplementation on cytokine expression in porcine liver. <i>Journal of Animal Science</i> , 2012, 90, 40-42.	0.2	12
20	Analysis of the basal colonic innate immune response of pigs divergent in feed efficiency and following an ex vivo lipopolysaccharide challenge. <i>Physiological Genomics</i> , 2019, 51, 443-448.	1.0	11
21	Evaluation of the <i>in vitro</i> effects of the increasing inclusion levels of yeast $\beta$ -glucan, a casein hydrolysate and its 5 kDa retentate on selected bacterial populations and strains commonly found in the gastrointestinal tract of pigs. <i>Food and Function</i> , 2021, 12, 2189-2200.	2.1	11
22	Effects of dietary supplementation with laminarin derived from <i>Laminaria hyperborea</i> and <i>Laminaria digitata</i> on colonic mucin gene expression in pigs. <i>Livestock Science</i> , 2010, 133, 204-206.	0.6	9
23	Novel variation in the FABP3 promoter and its association with fatness traits in pigs. <i>Meat Science</i> , 2015, 100, 32-40.	2.7	9
24	Practical Classes: A Platform for Deep Learning? Overall Context in the First-Year Veterinary Curriculum. <i>Journal of Veterinary Medical Education</i> , 2009, 36, 180-185.	0.4	8
25	Selenium-Enriched Mushroom Powder Enhances Intestinal Health and Growth Performance in the Absence of Zinc Oxide in Post-Weaned Pig Diets. <i>Animals</i> , 2022, 12, 1503.	1.0	8
26	Cyclooxygenase-2 mRNA expression in equine nonglandular and glandular gastric mucosal biopsy specimens obtained before and after induction of gastric ulceration via intermittent feed deprivation. <i>American Journal of Veterinary Research</i> , 2010, 71, 1312-1320.	0.3	7
27	Novel SNPs in the Ankyrin 1 gene and their association with beef quality traits. <i>Meat Science</i> , 2015, 108, 88-96.	2.7	7
28	The application of transcriptomic data in the authentication of beef derived from contrasting production systems. <i>BMC Genomics</i> , 2016, 17, 746.	1.2	7
29	Comparison of <i>Fasciola hepatica</i> genotypes in relation to their ability to establish patent infections in the final host. <i>Veterinary Parasitology</i> , 2015, 210, 145-150.	0.7	5
30	Evaluation of the Antibacterial and Prebiotic Potential of <i>Ascophyllum nodosum</i> and Its Extracts Using Selected Bacterial Members of the Pig Gastrointestinal Microbiota. <i>Marine Drugs</i> , 2022, 20, 41.	2.2	5
31	Relationship between serum gonadotropins and pituitary immunoreactive gonadotropins and steroid receptors during the first FSH increase of the estrous cycle and following steroid treatment in heifers. <i>Animal Reproduction Science</i> , 2009, 112, 66-82.	0.5	4
32	Polymorphisms in the regulatory region of the porcine MYLPF gene are related to meat quality traits in the Large White breed. <i>Meat Science</i> , 2016, 113, 104-106.	2.7	4
33	Potential of a fucoidan-rich <i>Ascophyllum nodosum</i> extract to reduce <i>Salmonella</i> shedding and improve gastrointestinal health in weaned pigs naturally infected with <i>Salmonella</i> . <i>Journal of Animal Science and Biotechnology</i> , 2022, 13, 39.	2.1	4
34	Genetic Susceptibility to Scrapie in Sheep: A Clinically Relevant Theme in Veterinary Medical Education. <i>Journal of Veterinary Medical Education</i> , 2005, 32, 544-550.	0.4	3
35	Integrating Molecular Biology into the Veterinary Curriculum. <i>Journal of Veterinary Medical Education</i> , 2007, 34, 658-673.	0.4	3
36	Assessment of RNA Stability in Postmortem Tissue from New-Born Lambs. <i>Animal Biotechnology</i> , 2018, 29, 269-275.	0.7	3

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37	Shiga toxin-producing Escherichia coli isolated from human and pig origin induce different gene expression profiles in human Caco-2 epithelial cells. <i>Livestock Science</i> , 2010, 133, 189-191.	0.6	1
38	Maternal and/or direct supplementation with a combination of a casein hydrolysate and yeast $\beta$ -glucan on post-weaning performance and intestinal health in the pig. <i>PLoS ONE</i> , 2022, 17, e0265051.	1.1	1
39	P-199 The Brown Algae-derived Polysaccharides Laminarin and Fucoidan Alleviate Histopathology and Inflammation in a Porcine Model of Ulcerative Colitis. <i>Inflammatory Bowel Diseases</i> , 2013, 19, S104-S105.	0.9	0