

Rachel Claire Anderson

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

2,293
citations

586496

16
h-index

371746

37
g-index

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all docs

39
docs citations

39
times ranked

4016
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole tissue homogenization preferable to mucosal scraping in determining the temporal profile of segmented filamentous bacteria in the ileum of weanling rats. <i>Access Microbiology</i> , 2021, 3, 000218.	0.2	2
2	Ruminant Milk-Derived Extracellular Vesicles: A Nutritional and Therapeutic Opportunity?. <i>Nutrients</i> , 2021, 13, 2505.	1.7	16
3	The Role of Segmented Filamentous Bacteria in Immune Barrier Maturation of the Small Intestine at Weaning. <i>Frontiers in Nutrition</i> , 2021, 8, 759137.	1.6	2
4	Are Postbiotics the Long Sought-After Solution for a Leaky Gut?. <i>Journal of Nutrition</i> , 2019, 149, 1873-1874.	1.3	7
5	Short communication: Processed bovine colostrum milk protein concentrate increases epithelial barrier integrity of Caco-2 cell layers. <i>Journal of Dairy Science</i> , 2019, 102, 10772-10778.	1.4	10
6	Effect of kibble and raw meat diets on peripheral blood mononuclear cell gene expression profile in dogs. <i>Veterinary Journal</i> , 2018, 234, 7-10.	0.6	7
7	Live <i>Faecalibacterium prausnitzii</i> induces greater TLR2 and TLR2/6 activation than the dead bacterium in an apical anaerobic co-culture system. <i>Cellular Microbiology</i> , 2018, 20, e12805.	1.1	12
8	Bovine dairy complex lipids improve in vitro measures of small intestinal epithelial barrier integrity. <i>PLoS ONE</i> , 2018, 13, e0190839.	1.1	15
9	Short communication: Early-lactation, but not mid-lactation, bovine lactoferrin preparation increases epithelial barrier integrity of Caco-2 cell layers. <i>Journal of Dairy Science</i> , 2017, 100, 886-891.	1.4	10
10	Influence of the Fruit Juice Carriers on the Ability of <i>Lactobacillus plantarum</i> DSM20205 to Improve <i>In Vitro</i> Intestinal Barrier Integrity and Its Probiotic Properties. <i>Journal of Agricultural and Food Chemistry</i> , 2017, 65, 5632-5638.	2.4	30
11	Comparative innate immune interactions of human and bovine secretory IgA with pathogenic and non-pathogenic bacteria. <i>Developmental and Comparative Immunology</i> , 2017, 68, 21-25.	1.0	16
12	Live <i>Faecalibacterium prausnitzii</i> Does Not Enhance Epithelial Barrier Integrity in an Apical Anaerobic Co-Culture Model of the Large Intestine. <i>Nutrients</i> , 2017, 9, 1349.	1.7	37
13	Promotility Action of the Probiotic <i>Bifidobacterium lactis</i> HN019 Extract Compared with Prucalopride in Isolated Rat Large Intestine. <i>Frontiers in Neuroscience</i> , 2017, 11, 20.	1.4	8
14	Influence of Bovine Whey Protein Concentrate and Hydrolysate Preparation Methods on Motility in the Isolated Rat Distal Colon. <i>Nutrients</i> , 2016, 8, 809.	1.7	16
15	Human oral isolate <i>Lactobacillus fermentum</i> AGR1487 induces a pro-inflammatory response in germ-free rat colons. <i>Scientific Reports</i> , 2016, 6, 20318.	1.6	16
16	<i>Lactobacillus fermentum</i> AGR1487 cell surface structures and supernatant increase paracellular permeability through different pathways. <i>MicrobiologyOpen</i> , 2015, 4, 541-552.	1.2	4
17	Live <i>Faecalibacterium prausnitzii</i> in an apical anaerobic model of the intestinal epithelial barrier. <i>Cellular Microbiology</i> , 2015, 17, 226-240.	1.1	73
18	Understanding How Commensal Obligate Anaerobic Bacteria Regulate Immune Functions in the Large Intestine. <i>Nutrients</i> , 2015, 7, 45-73.	1.7	62

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19	The probiotic <i>Escherichia coli</i> Nissle 1917 inhibits propagating colonic contractions in the rat isolated large intestine. <i>Food and Function</i> , 2015, 6, 256-263.	2.1	12
20	The Role of Cell Surface Architecture of <i>Lactobacilli</i> in Host-Microbe Interactions in the Gastrointestinal Tract. <i>Mediators of Inflammation</i> , 2013, 2013, 1-16.	1.4	199
21	Gene Expression Changes in the Colon Epithelium Are Similar to Those of Intact Colon during Late Inflammation in Interleukin-10 Gene Deficient Mice. <i>PLoS ONE</i> , 2013, 8, e63251.	1.1	8
22	Human Oral Isolate <i>Lactobacillus fermentum</i> AGR1487 Reduces Intestinal Barrier Integrity by Increasing the Turnover of Microtubules in Caco-2 Cells. <i>PLoS ONE</i> , 2013, 8, e78774.	1.1	14
23	Regulation of Tight Junction Permeability by Intestinal Bacteria and Dietary Components ^{1,2} . <i>Journal of Nutrition</i> , 2011, 141, 769-776.	1.3	901
24	Cryopreservation of monocytes or differentiated immature DCs leads to an altered cytokine response to TLR agonists and microbial stimulation. <i>Journal of Immunological Methods</i> , 2011, 373, 136-142.	0.6	21
25	Moderate levels of dietary sheep milk powder reduce experimentally induced colonic inflammation in rats. <i>Animal Production Science</i> , 2010, 50, 714.	0.6	3
26	Post-weaning effects of milk and milk components on the intestinal mucosa in inflammation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2010, 690, 64-70.	0.4	8
27	<i>Lactobacillus plantarum</i> MB452 enhances the function of the intestinal barrier by increasing the expression levels of genes involved in tight junction formation. <i>BMC Microbiology</i> , 2010, 10, 316.	1.3	340
28	<i>Lactobacillus plantarum</i> DSM 2648 is a potential probiotic that enhances intestinal barrier function. <i>FEMS Microbiology Letters</i> , 2010, 309, no-no.	0.7	126
29	Antimicrobial peptides isolated from the blood of farm animals. <i>Animal Production Science</i> , 2010, 50, 660.	0.6	17
30	Antimicrobial fragments of the pro-region of cathelicidins and other immune peptides. <i>Biotechnology Letters</i> , 2008, 30, 813-818.	1.1	20
31	Pilot-scale extraction and antimicrobial activity of crude extract from ovine neutrophils. <i>Process Biochemistry</i> , 2008, 43, 882-886.	1.8	16
32	Smart Foods from the pastoral sector - implications for meat and milk producers. <i>Australian Journal of Experimental Agriculture</i> , 2008, 48, 726.	1.0	14
33	Factors affecting the antimicrobial activity of ovine-derived cathelicidins against <i>E. coli</i> O157:H7. <i>International Journal of Antimicrobial Agents</i> , 2005, 25, 205-210.	1.1	45
34	Isolation and characterisation of antimicrobial peptides from deer neutrophils. <i>International Journal of Antimicrobial Agents</i> , 2005, 26, 165-169.	1.1	33
35	Antimicrobial Activity and Bacterial-Membrane Interaction of Ovine-Derived Cathelicidins. <i>Antimicrobial Agents and Chemotherapy</i> , 2004, 48, 673-676.	1.4	65
36	Investigation of morphological changes to <i>Staphylococcus aureus</i> induced by ovine-derived antimicrobial peptides using TEM and AFM. <i>FEMS Microbiology Letters</i> , 2004, 240, 105-110.	0.7	39

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37	Ovine antimicrobial peptides: new products from an age-old industry. <i>Australian Journal of Agricultural Research</i> , 2004, 55, 69.	1.5	18
38	Isolation and characterisation of proline/arginine-rich cathelicidin peptides from ovine neutrophils. <i>Biochemical and Biophysical Research Communications</i> , 2003, 312, 1139-1146.	1.0	51