

# Christine A Butts

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68  
papers

1,753  
citations

24  
h-index

40  
g-index

69  
ext. papers

2,115  
ext. citations

4.2  
avg, IF

4.55  
L-index

#	Paper	IF	Citations
68	Dietary flavonoids from modified apple reduce inflammation markers and modulate gut microbiota in mice. <i>Journal of Nutrition</i> , <b>2014</b> , 144, 146-54	4.1	112
67	Interindividual variability in gut microbiota and host response to dietary interventions. <i>Nutrition Reviews</i> , <b>2017</b> , 75, 1059-1080	6.4	90
66	Perchloric and trichloroacetic acids as precipitants of protein in endogenous ileal digesta from the rat. <i>Journal of the Science of Food and Agriculture</i> , <b>1990</b> , 52, 13-21	4.3	87
65	Habitual dietary fibre intake influences gut microbiota response to an inulin-type fructan prebiotic: a randomised, double-blind, placebo-controlled, cross-over, human intervention study. <i>British Journal of Nutrition</i> , <b>2018</b> , 119, 176-189	3.6	86
64	Models of phage growth and their applicability to phage therapy. <i>Journal of Theoretical Biology</i> , <b>2004</b> , 227, 1-11	2.3	85
63	Endogenous lysine and other amino acid flows at the terminal ileum of the growing pig (20 kg bodyweight): The effect of protein-free, synthetic amino acid, peptide and protein alimentation. <i>Journal of the Science of Food and Agriculture</i> , <b>1993</b> , 61, 31-40	4.3	78
62	The effects of dietary curcumin and rutin on colonic inflammation and gene expression in multidrug resistance gene-deficient (mdr1a <sup>-/-</sup> ) mice, a model of inflammatory bowel diseases. <i>British Journal of Nutrition</i> , <b>2009</b> , 101, 169-81	3.6	77
61	Influence of dietary blueberry and broccoli on cecal microbiota activity and colon morphology in mdr1a <sup>-/-</sup> mice, a model of inflammatory bowel diseases. <i>Nutrition</i> , <b>2012</b> , 28, 324-30	4.8	69
60	Endogenous amino acid flow at the terminal ileum of the rat determined under conditions of peptide alimentation. <i>Journal of the Science of Food and Agriculture</i> , <b>1991</b> , 55, 175-187	4.3	66
59	Characterization of intestinal inflammation and identification of related gene expression changes in mdr1a <sup>-/-</sup> mice. <i>Genes and Nutrition</i> , <b>2007</b> , 2, 209-23	4.3	55
58	The effect of food dry matter intake on endogenous ileal amino acid excretion determined under peptide alimentation in the 50 kg liveweight pig. <i>Journal of the Science of Food and Agriculture</i> , <b>1993</b> , 62, 235-243	4.3	46
57	Nutritional Quality and Variation of Meat and Bone Meal. <i>Asian-Australasian Journal of Animal Sciences</i> , <b>2002</b> , 15, 1507-1516	2.4	46
56	Dietary peptides increase endogenous amino acid losses from the gut in adults. <i>American Journal of Clinical Nutrition</i> , <b>2005</b> , 81, 1359-65	7	43
55	Effects of early dietary intervention with a fermentable fibre on colonic microbiota activity and mucin gene expression in newly weaned rats. <i>Journal of Functional Foods</i> , <b>2012</b> , 4, 520-530	5.1	40
54	In vitro determination of dietary protein and amino acid digestibility for humans. <i>British Journal of Nutrition</i> , <b>2012</b> , 108 Suppl 2, S282-7	3.6	40
53	Effects of potato fiber and potato-resistant starch on biomarkers of colonic health in rats fed diets containing red meat. <i>Journal of Food Science</i> , <b>2012</b> , 77, H216-23	3.4	39
52	The Role of the Gut Microbiota in Dietary Interventions for Depression and Anxiety. <i>Advances in Nutrition</i> , <b>2020</b> , 11, 890-907	10	38

51	Human Milk Composition and Dietary Intakes of Breastfeeding Women of Different Ethnicity from the Manawatu-Wanganui Region of New Zealand. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	37
50	Cecal and colonic responses in rats fed 5 or 30% corn oil diets containing either 7.5% broccoli dietary fiber or microcrystalline cellulose. <i>Journal of Agricultural and Food Chemistry</i> , <b>2010</b> , 58, 6510-5	5.7	36
49	Amino acid digestibility of meat and bone meals for broiler chickens. <i>Australian Journal of Agricultural Research</i> , <b>2002</b> , 53, 1257		34
48	RNA-stable-isotope probing shows utilization of carbon from inulin by specific bacterial populations in the rat large bowel. <i>Applied and Environmental Microbiology</i> , <b>2014</b> , 80, 2240-7	4.8	33
47	Multidrug resistance gene deficient (mdr1a <sup>-/-</sup> ) mice have an altered caecal microbiota that precedes the onset of intestinal inflammation. <i>Journal of Applied Microbiology</i> , <b>2009</b> , 107, 557-66	4.7	33
46	Modulation of colonic inflammation in Mdr1a <sup>-/-</sup> mice by green tea polyphenols and their effects on the colon transcriptome and proteome. <i>Journal of Nutritional Biochemistry</i> , <b>2013</b> , 24, 1678-90	6.3	29
45	A combined omics approach to evaluate the effects of dietary curcumin on colon inflammation in the Mdr1a <sup>-/-</sup> mouse model of inflammatory bowel disease. <i>Journal of Nutritional Biochemistry</i> , <b>2016</b> , 27, 181-92	6.3	28
44	Kiwifruit-derived supplements increase stool frequency in healthy adults: a randomized, double-blind, placebo-controlled study. <i>Nutrition Research</i> , <b>2015</b> , 35, 401-8	4	22
43	An acute ileal amino acid digestibility assay is a valid procedure for use in human ileostomates. <i>Journal of Nutrition</i> , <b>2005</b> , 135, 404-9	4.1	22
42	Effects of Blackcurrant and Dietary Fibers on Large Intestinal Health Biomarkers in Rats. <i>Plant Foods for Human Nutrition</i> , <b>2018</b> , 73, 54-60	3.9	21
41	Protein nitrogen, peptide nitrogen and free amino acid nitrogen in endogenous digesta nitrogen at the terminal ileum of the rat. <i>Journal of the Science of Food and Agriculture</i> , <b>1992</b> , 59, 291-298	4.3	21
40	Consumption of kiwifruit capsules increases abundance in functionally constipated individuals: a randomised controlled human trial. <i>Journal of Nutritional Science</i> , <b>2017</b> , 6, e52	2.7	20
39	Influence of green and gold kiwifruit on indices of large bowel function in healthy rats. <i>Journal of Food Science</i> , <b>2014</b> , 79, H1611-20	3.4	19
38	Effects of dietary broccoli fibre and corn oil on serum lipids, faecal bile acid excretion and hepatic gene expression in rats. <i>Food Chemistry</i> , <b>2012</b> , 131, 1272-1278	8.5	19
37	The 15N-isotope dilution method for determining ileal endogenous nitrogen excretion in the young (10 kg liveweight) pig. <i>Journal of the Science of Food and Agriculture</i> , <b>1995</b> , 69, 41-50	4.3	19
36	Bifidobacterium pseudolongum in the Ceca of Rats Fed Hi-Maize Starch Has Characteristics of a Keystone Species in Bifidobacterial Blooms. <i>Applied and Environmental Microbiology</i> , <b>2018</b> , 84,	4.8	18
35	Evaluation of gastrointestinal transit in rats fed dietary fibres differing in their susceptibility to large intestine fermentation. <i>Journal of Functional Foods</i> , <b>2012</b> , 4, 107-115	5.1	17
34	Short-term feeding of fermentable dietary fibres influences the gut microbiota composition and metabolic activity in rats. <i>International Journal of Food Science and Technology</i> , <b>2017</b> , 52, 2572-2581	3.8	16

33	The Microbiome-Gut-Brain Axis and Resilience to Developing Anxiety or Depression under Stress. <i>Microorganisms</i> , <b>2021</b> , 9,	4.9	15
32	Differential effects of probiotics, prebiotics, and synbiotics on gut microbiota and gene expression in rats. <i>Journal of Functional Foods</i> , <b>2015</b> , 13, 204-213	5.1	14
31	Goat and cow milk powder-based diets with or without prebiotics influence gut microbial populations and fermentation products in newly weaned rats. <i>Food Bioscience</i> , <b>2018</b> , 24, 73-79	4.9	14
30	Inhibition of platelet activation by lachrymatory factor synthase (LFS)-silenced (tearless) onion juice. <i>Journal of Agricultural and Food Chemistry</i> , <b>2013</b> , 61, 10574-81	5.7	13
29	Essential Oils and Their Major Components: An Updated Review on Antimicrobial Activities, Mechanism of Action and Their Potential Application in the Food Industry.. <i>Foods</i> , <b>2022</b> , 11,	4.9	13
28	Validity and Reproducibility of a Habitual Dietary Fibre Intake Short Food Frequency Questionnaire. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	13
27	The effect of feeding regimen on apparent and true ileal nitrogen digestibility for rats fed diets containing different sources of protein. <i>Journal of the Science of Food and Agriculture</i> , <b>2002</b> , 82, 1050-1060	4.3	12
26	Allantoin as A Biomarker of Inflammation in an Inflammatory Bowel Disease Mouse Model: NMR Analysis of Urine. <i>The Open Bioactive Compounds Journal</i> , <b>2008</b> , 1, 1-6	1.3	12
25	Apple polyphenol extracts protect against aspirin-induced gastric mucosal damage in rats. <i>Phytotherapy Research</i> , <b>2014</b> , 28, 1846-54	6.7	11
24	Influence of habitual dietary fibre intake on the responsiveness of the gut microbiota to a prebiotic: protocol for a randomised, double-blind, placebo-controlled, cross-over, single-centre study. <i>BMJ Open</i> , <b>2016</b> , 6, e012504	3	9
23	The effect of Zesy002kiwifruit ( var. ) on gut health function: a randomised cross-over clinical trial. <i>Journal of Nutritional Science</i> , <b>2019</b> , 8, e18	2.7	8
22	The effect of food dry matter intake on the flow of amino acids at the terminal ileum for rats fed an enzyme-hydrolysed casein-based diet. <i>Journal of the Science of Food and Agriculture</i> , <b>2002</b> , 82, 1128-1135	4.3	8
21	Influence of Dietary Avocado on Gut Health in Rats. <i>Plant Foods for Human Nutrition</i> , <b>2017</b> , 72, 321-323	3.9	7
20	The effect of digesta sampling time and dietary protein source on ileal nitrogen digestibility for the growing rat. <i>Journal of the Science of Food and Agriculture</i> , <b>2002</b> , 82, 343-350	4.3	7
19	The effect of drying temperature on the nutritional quality of New Zealand-grown maize for growing rats. <i>Journal of the Science of Food and Agriculture</i> , <b>2004</b> , 84, 147-157	4.3	6
18	The contribution of dietary broccoli sprouts towards the microbial metabolite profile in the hind gut of mice. <i>International Journal of Food Science and Technology</i> , <b>2012</b> , 47, 1328-1332	3.8	5
17	Prebiotic effects of fermentable carbohydrate polymers may be modulated by faecal bulking of non-fermentable polysaccharides in the large bowel of rats. <i>International Journal of Food Science and Technology</i> , <b>2012</b> , 47, 968-976	3.8	5
16	Microbiota Composition of Breast Milk from Women of Different Ethnicity from the Manawatu-Wanganui Region of New Zealand. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	4

15	The fate of (13)C-labelled and non-labelled inulin predisposed to large bowel fermentation in rats. <i>Food and Function</i> , <b>2016</b> , 7, 1825-32	6.1	4
14	Composition of endogenous ileal digesta nitrogen from the rat. The use of distilled water for digesta collection. <i>Journal of the Science of Food and Agriculture</i> , <b>1992</b> , 59, 415-417	4.3	4
13	Comparison of the Ileal Digestibility of Amino Acids in Meat and Bone Meal for Broiler Chickens and Growing Rats. <i>International Journal of Poultry Science</i> , <b>2005</b> , 4, 192-196	0.3	4
12	Consumption of antimicrobial manuka honey does not significantly perturb the microbiota in the hind gut of mice. <i>PeerJ</i> , <b>2016</b> , 4, e2787	3.1	4
11	Inoculation with enterococci does not affect colon inflammation in the multi-drug resistance 1a-deficient mouse model of IBD. <i>BMC Gastroenterology</i> , <b>2016</b> , 16, 31	3	3
10	The effects of cultivar and heat treatment on protein quality and trypsin inhibitor content of New Zealand field peas. <i>New Zealand Journal of Agricultural Research</i> , <b>2005</b> , 48, 117-124	1.9	3
9	The Effects on Immune Function and Digestive Health of Consuming the Skin and Flesh of Zespri SunGold Kiwifruit ( var. Zesy002 ) in Healthy and IBS-Constipated Individuals. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	3
8	Influence of kiwifruit on gastric and duodenal inflammation-related gene expression in aspirin-induced gastric mucosal damage in rats. <i>Scientific Reports</i> , <b>2020</b> , 10, 13055	4.9	3
7	Dietary combination of potato resistant starch and red meat up-regulates genes involved in colonic barrier function of rats. <i>International Journal of Food Science and Technology</i> , <b>2013</b> , 48, n/a-n/a	3.8	2
6	The nutritional value of cocksfoot ( <i>Dactylis glomerata</i> L.), midribbed snow-tussock ( <i>Chionochloa pallens</i> Zotov), and red tussock ( <i>Chionochloa rubra</i> Zotov) for the takahe ( <i>Porphyrio hochstetteri</i> Meyer). <i>Journal of the Royal Society of New Zealand</i> , <b>2004</b> , 34, 333-345	2	2
5	Composition and safety evaluation of tea from New Zealand kawakawa ( <i>Piper excelsum</i> ). <i>Journal of Ethnopharmacology</i> , <b>2019</b> , 232, 110-118	5	2
4	Goat and cow milk differ in altering microbiota composition and fermentation products in rats with gut dysbiosis induced by amoxicillin. <i>Food and Function</i> , <b>2021</b> , 12, 3104-3119	6.1	2
3	Animal Model of Antibiotic Induced Gut Microbiota Dysbiosis. <i>Proceedings (mdpi)</i> , <b>2019</b> , 8, 11	0.3	0
2	The Effect of Sungold Kiwifruit ( <i>Actinidia Chinensis</i> var. <i>Chinensis</i> ) on Gut Health Function: A Randomized Cross-Over Clinical Trial. <i>Proceedings (mdpi)</i> , <b>2019</b> , 37, 23	0.3	
1	Influence of oral administration of kukoamine A on blood pressure in a rat hypertension model.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0267567	3.7	