

Christine A Butts

List of Publications by Year in Descending Order

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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	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> , 2022 , 11,	4.9	13
67	Influence of oral administration of kukoamine A on blood pressure in a rat hypertension model.. <i>PLoS ONE</i> , 2022 , 17, e0267567	3.7	
66	The Microbiome-Gut-Brain Axis and Resilience to Developing Anxiety or Depression under Stress. <i>Microorganisms</i> , 2021 , 9,	4.9	15
65	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> , 2021 , 12, 3104-3119	6.1	2
64	Microbiota Composition of Breast Milk from Women of Different Ethnicity from the Manawatu-Wanganui Region of New Zealand. <i>Nutrients</i> , 2020 , 12,	6.7	4
63	The Role of the Gut Microbiota in Dietary Interventions for Depression and Anxiety. <i>Advances in Nutrition</i> , 2020 , 11, 890-907	10	38
62	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> , 2020 , 12,	6.7	3
61	Influence of kiwifruit on gastric and duodenal inflammation-related gene expression in aspirin-induced gastric mucosal damage in rats. <i>Scientific Reports</i> , 2020 , 10, 13055	4.9	3
60	The effect of Zesy002Kiwifruit (var.) on gut health function: a randomised cross-over clinical trial. <i>Journal of Nutritional Science</i> , 2019 , 8, e18	2.7	8
59	Animal Model of Antibiotic Induced Gut Microbiota Dysbiosis. <i>Proceedings (mdpi)</i> , 2019 , 8, 11	0.3	0
58	The Effect of Sungold Kiwifruit (Actinidia Chinensis var. Chinensis) on Gut Health Function: A Randomized Cross-Over Clinical Trial. <i>Proceedings (mdpi)</i> , 2019 , 37, 23	0.3	
57	Composition and safety evaluation of tea from New Zealand kawakawa (Piper excelsum). <i>Journal of Ethnopharmacology</i> , 2019 , 232, 110-118	5	2
56	Effects of Blackcurrant and Dietary Fibers on Large Intestinal Health Biomarkers in Rats. <i>Plant Foods for Human Nutrition</i> , 2018 , 73, 54-60	3.9	21
55	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> , 2018 , 119, 176-189	3.6	86
54	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> , 2018 , 24, 73-79	4.9	14
53	Human Milk Composition and Dietary Intakes of Breastfeeding Women of Different Ethnicity from the Manawatu-Wanganui Region of New Zealand. <i>Nutrients</i> , 2018 , 10,	6.7	37
52	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> , 2018 , 84,	4.8	18

51	Influence of Dietary Avocado on Gut Health in Rats. <i>Plant Foods for Human Nutrition</i> , 2017 , 72, 321-323	3.9	7
50	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> , 2017 , 52, 2572-2581	3.8	16
49	Consumption of kiwifruit capsules increases abundance in functionally constipated individuals: a randomised controlled human trial. <i>Journal of Nutritional Science</i> , 2017 , 6, e52	2.7	20
48	Interindividual variability in gut microbiota and host response to dietary interventions. <i>Nutrition Reviews</i> , 2017 , 75, 1059-1080	6.4	90
47	Inoculation with enterococci does not affect colon inflammation in the multi-drug resistance 1a-deficient mouse model of IBD. <i>BMC Gastroenterology</i> , 2016 , 16, 31	3	3
46	A combined omics approach to evaluate the effects of dietary curcumin on colon inflammation in the Mdr1a(-/-) mouse model of inflammatory bowel disease. <i>Journal of Nutritional Biochemistry</i> , 2016 , 27, 181-92	6.3	28
45	The fate of (13)C-labelled and non-labelled inulin predisposed to large bowel fermentation in rats. <i>Food and Function</i> , 2016 , 7, 1825-32	6.1	4
44	Consumption of antimicrobial manuka honey does not significantly perturb the microbiota in the hind gut of mice. <i>PeerJ</i> , 2016 , 4, e2787	3.1	4
43	Validity and Reproducibility of a Habitual Dietary Fibre Intake Short Food Frequency Questionnaire. <i>Nutrients</i> , 2016 , 8,	6.7	13
42	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> , 2016 , 6, e012504	3	9
41	Differential effects of probiotics, prebiotics, and synbiotics on gut microbiota and gene expression in rats. <i>Journal of Functional Foods</i> , 2015 , 13, 204-213	5.1	14
40	Kiwifruit-derived supplements increase stool frequency in healthy adults: a randomized, double-blind, placebo-controlled study. <i>Nutrition Research</i> , 2015 , 35, 401-8	4	22
39	Influence of green and gold kiwifruit on indices of large bowel function in healthy rats. <i>Journal of Food Science</i> , 2014 , 79, H1611-20	3.4	19
38	Apple polyphenol extracts protect against aspirin-induced gastric mucosal damage in rats. <i>Phytotherapy Research</i> , 2014 , 28, 1846-54	6.7	11
37	Dietary flavonoids from modified apple reduce inflammation markers and modulate gut microbiota in mice. <i>Journal of Nutrition</i> , 2014 , 144, 146-54	4.1	112
36	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> , 2014 , 80, 2240-7	4.8	33
35	Inhibition of platelet activation by lachrymatory factor synthase (LFS)-silenced (tearless) onion juice. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 10574-81	5.7	13
34	Modulation of colonic inflammation in Mdr1a(-/-) mice by green tea polyphenols and their effects on the colon transcriptome and proteome. <i>Journal of Nutritional Biochemistry</i> , 2013 , 24, 1678-90	6.3	29

33	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> , 2013 , 48, n/a-n/a	3.8	2
32	Influence of dietary blueberry and broccoli on cecal microbiota activity and colon morphology in <i>mdr1a(-/-)</i> mice, a model of inflammatory bowel diseases. <i>Nutrition</i> , 2012 , 28, 324-30	4.8	69
31	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> , 2012 , 77, H216-23	3.4	39
30	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> , 2012 , 47, 1328-1332	3.8	5
29	Evaluation of gastrointestinal transit in rats fed dietary fibres differing in their susceptibility to large intestine fermentation. <i>Journal of Functional Foods</i> , 2012 , 4, 107-115	5.1	17
28	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> , 2012 , 4, 520-530	5.1	40
27	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> , 2012 , 47, 968-976	3.8	5
26	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> , 2012 , 131, 1272-1278	8.5	19
25	In vitro determination of dietary protein and amino acid digestibility for humans. <i>British Journal of Nutrition</i> , 2012 , 108 Suppl 2, S282-7	3.6	40
24	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> , 2010 , 58, 6510-5	5.7	36
23	Multidrug resistance gene deficient (<i>mdr1a(-/-)</i>) mice have an altered caecal microbiota that precedes the onset of intestinal inflammation. <i>Journal of Applied Microbiology</i> , 2009 , 107, 557-66	4.7	33
22	The effects of dietary curcumin and rutin on colonic inflammation and gene expression in multidrug resistance gene-deficient (<i>mdr1a(-/-)</i>) mice, a model of inflammatory bowel diseases. <i>British Journal of Nutrition</i> , 2009 , 101, 169-81	3.6	77
21	Allantoin as A Biomarker of Inflammation in an Inflammatory Bowel Disease Mouse Model: NMR Analysis of Urine. <i>The Open Bioactive Compounds Journal</i> , 2008 , 1, 1-6	1.3	12
20	Characterization of intestinal inflammation and identification of related gene expression changes in <i>mdr1a(-/-)</i> mice. <i>Genes and Nutrition</i> , 2007 , 2, 209-23	4.3	55
19	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> , 2005 , 48, 117-124	1.9	3
18	An acute ileal amino acid digestibility assay is a valid procedure for use in human ileostomates. <i>Journal of Nutrition</i> , 2005 , 135, 404-9	4.1	22
17	Dietary peptides increase endogenous amino acid losses from the gut in adults. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 1359-65	7	43
16	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> , 2005 , 4, 192-196	0.3	4

15	Models of phage growth and their applicability to phage therapy. <i>Journal of Theoretical Biology</i> , 2004 , 227, 1-11	2.3	85
14	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> , 2004 , 84, 147-157	4.3	6
13	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> , 2004 , 34, 333-345	2	2
12	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> , 2002 , 82, 1050-1060	4.3	12
11	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> , 2002 , 82, 1128-1135	4.3	8
10	Amino acid digestibility of meat and bone meals for broiler chickens. <i>Australian Journal of Agricultural Research</i> , 2002 , 53, 1257		34
9	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> , 2002 , 82, 343-350	4.3	7
8	Nutritional Quality and Variation of Meat and Bone Meal. <i>Asian-Australasian Journal of Animal Sciences</i> , 2002 , 15, 1507-1516	2.4	46
7	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> , 1995 , 69, 41-50	4.3	19
6	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> , 1993 , 61, 31-40	4.3	78
5	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> , 1993 , 62, 235-243	4.3	46
4	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> , 1992 , 59, 291-298	4.3	21
3	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> , 1992 , 59, 415-417	4.3	4
2	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> , 1991 , 55, 175-187	4.3	66
1	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> , 1990 , 52, 13-21	4.3	87