

Christine A Butts

List of Publications by Year in descending order

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Version: 2024-02-01

69
papers

2,472
citations

172386

29
h-index

206029

48
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69
all docs

69
docs citations

69
times ranked

3272
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	1.2	163
2	Interindividual variability in gut microbiota and host response to dietary interventions. <i>Nutrition Reviews</i> , 2017, 75, 1059-1080.	2.6	155
3	Dietary Flavonoids from Modified Apple Reduce Inflammation Markers and Modulate Gut Microbiota in Mice. <i>Journal of Nutrition</i> , 2014, 144, 146-154.	1.3	153
4	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, 464.	1.9	117
5	The Role of the Gut Microbiota in Dietary Interventions for Depression and Anxiety. <i>Advances in Nutrition</i> , 2020, 11, 890-907.	2.9	104
6	Models of phage growth and their applicability to phage therapy. <i>Journal of Theoretical Biology</i> , 2004, 227, 1-11.	0.8	102
7	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.	1.7	91
8	Endogenous lysine and other amino acid flows at the terminal ileum of the growing pig (20 kg). <i>Journal of the Science of Food and Agriculture</i> , 1993, 61, 31-40.	1.7	91
9	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, 324-330.	1.1	89
10	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, 169-181.	1.2	88
11	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, 1231.	1.7	70
12	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.	1.7	69
13	Characterization of intestinal inflammation and identification of related gene expression changes in <i>mdr1a^{-/-}</i> mice. <i>Genes and Nutrition</i> , 2007, 2, 209-223.	1.2	67
14	Nutritional Quality and Variation of Meat and Bone Meal. <i>Asian-Australasian Journal of Animal Sciences</i> , 2002, 15, 1507-1516.	2.4	60
15	<i>In vitro</i> determination of dietary protein and amino acid digestibility for humans. <i>British Journal of Nutrition</i> , 2012, 108, S282-S287.	1.2	59
16	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.	1.7	54
17	The Microbiome-Gut-Brain Axis and Resilience to Developing Anxiety or Depression under Stress. <i>Microorganisms</i> , 2021, 9, 723.	1.6	50
18	Dietary peptides increase endogenous amino acid losses from the gut in adults. <i>American Journal of Clinical Nutrition</i> , 2005, 81, 1359-1365.	2.2	46

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19	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.	1.5	45
20	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, 557-566.	1.4	42
21	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.	1.6	41
22	Amino acid digestibility of meat and bone meals for broiler chickens. <i>Australian Journal of Agricultural Research</i> , 2002, 53, 1257.	1.5	39
23	A combined omics approach to evaluate the effects of dietary curcumin on colon inflammation in the <i>Mdr1a</i> ^{+/+} mouse model of inflammatory bowel disease. <i>Journal of Nutritional Biochemistry</i> , 2016, 27, 181-192.	1.9	39
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, 6510-6515.	2.4	38
25	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, 2240-2247.	1.4	36
26	Modulation of colonic inflammation in <i>Mdr1a</i> ^{+/+} mice by green tea polyphenols and their effects on the colon transcriptome and proteome. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1678-1690.	1.9	34
27	Consumption of kiwifruit capsules increases <i>Faecalibacterium prausnitzii</i> abundance in functionally constipated individuals: a randomised controlled human trial. <i>Journal of Nutritional Science</i> , 2017, 6, e52.	0.7	34
28	An Acute Ileal Amino Acid Digestibility Assay Is a Valid Procedure for Use in Human Ileostomates. <i>Journal of Nutrition</i> , 2005, 135, 404-409.	1.3	32
29	Kiwifruit-derived supplements increase stool frequency in healthy adults: a randomized, double-blind, placebo-controlled study. <i>Nutrition Research</i> , 2015, 35, 401-408.	1.3	29
30	<i>Bifidobacterium pseudolongum</i> 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, .	1.4	28
31	Effects of Blackcurrant and Dietary Fibers on Large Intestinal Health Biomarkers in Rats. <i>Plant Foods for Human Nutrition</i> , 2018, 73, 54-60.	1.4	27
32	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.	4.2	23
33	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.	1.7	21
34	The 15N-isotope dilution method for determining ileal endogenous nitrogen excretion in the young (10) Tj ETQq0 0,0,rgBT /Overlock 10	1.7	21
35	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.	1.5	21
36	The effect of Zesy002™ kiwifruit (<i>Actinidia chinensis</i> var. <i>chinensis</i>) on gut health function: a randomised cross-over clinical trial. <i>Journal of Nutritional Science</i> , 2019, 8, e18.	0.7	21

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37	Validity and Reproducibility of a Habitual Dietary Fibre Intake Short Food Frequency Questionnaire. <i>Nutrients</i> , 2016, 8, 558.	1.7	20
38	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.	1.3	20
39	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.	1.6	19
40	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.	1.6	17
41	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.	2.0	16
42	Inhibition of Platelet Activation by Lachrymatory Factor Synthase (LFS)-Silenced (Tearless) Onion Juice. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 10574-10581.	2.4	15
43	Apple Polyphenol Extracts Protect Against Aspirin-induced Gastric Mucosal Damage in Rats. <i>Phytotherapy Research</i> , 2014, 28, 1846-1854.	2.8	14
44	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.	1.7	12
45	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.	0.8	12
46	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.	0.8	12
47	Microbiota Composition of Breast Milk from Women of Different Ethnicity from the Manawatu-Wanganui Region of New Zealand. <i>Nutrients</i> , 2020, 12, 1756.	1.7	10
48	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.	1.7	8
49	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.	1.7	8
50	Influence of Dietary Avocado on Gut Health in Rats. <i>Plant Foods for Human Nutrition</i> , 2017, 72, 321-323.	1.4	8
51	Consumption of antimicrobial manuka honey does not significantly perturb the microbiota in the hind gut of mice. <i>PeerJ</i> , 2016, 4, e2787.	0.9	8
52	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.	1.7	7
53	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.	1.3	7
54	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.	1.6	7

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55	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.	1.3	6
56	The fate of ¹³ C-labelled and non-labelled inulin predisposed to large bowel fermentation in rats. <i>Food and Function</i> , 2016, 7, 1825-1832.	2.1	6
57	Composition and safety evaluation of tea from New Zealand kawakawa (<i>Piper excelsum</i>). <i>Journal of Ethnopharmacology</i> , 2019, 232, 110-118.	2.0	6
58	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.	0.6	6
59	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.	1.7	5
60	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.	2.1	5
61	The Effects on Immune Function and Digestive Health of Consuming the Skin and Flesh of Zespri® SunGold Kiwifruit (<i>Actinidia Chinensis</i> var. <i>Chinensis</i> “Zesy002”™) in Healthy and IBS-Constipated Individuals. <i>Nutrients</i> , 2020, 12, 1453.	1.7	5
62	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.	0.8	4
63	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.	0.9	3
64	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, 2441-2446.	1.3	3
65	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.	1.0	2
66	Animal Model of Antibiotic Induced Gut Microbiota Dysbiosis. <i>Proceedings (mdpi)</i> , 2019, 8, 11.	0.2	1
67	Influence of oral administration of kukoamine A on blood pressure in a rat hypertension model. <i>PLoS ONE</i> , 2022, 17, e0267567.	1.1	1
68	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> , 2019, 37, 23.	0.2	0
69	Pectin Influences the Absorption and Metabolism of Polyphenols from Blackcurrant and Green Tea in Rats. <i>Foods</i> , 2021, 10, 813.	1.9	0