

Wayne Young

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.

80
papers

2,320
citations

22
h-index

47
g-index

94
ext. papers

3,196
ext. citations

4.5
avg, IF

5.24
L-index

#	Paper	IF	Citations
80	Rumen microbial community composition varies with diet and host, but a core microbiome is found across a wide geographical range. <i>Scientific Reports</i> , 2015 , 5, 14567	4.9	659
79	A new macrocyclic antibiotic, fidaxomicin (OPT-80), causes less alteration to the bowel microbiota of <i>Clostridium difficile</i> -infected patients than does vancomycin. <i>Microbiology (United Kingdom)</i> , 2010 , 156, 3354-3359	2.9	164
78	Key bacterial families (Clostridiaceae, Erysipelotrichaceae and Bacteroidaceae) are related to the digestion of protein and energy in dogs. <i>PeerJ</i> , 2017 , 5, e3019	3.1	79
77	The Microbiome in Functional Gastrointestinal Disorders Is Characterized by Bacteria and Genes Involved in Carbohydrate and Bile Acid Metabolism (OR23-01-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
76	Lipid and Metabolite Profiles in Human Plasma and Associations with the Microbiome and Functional Gastrointestinal Disorders (P20-033-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
75	Understanding How Metabolites Link Diet, Host, and Microbiota in a Dysfunctional Gut Model Is Important to Establishing a System-wide Understanding of Gut Function (P20-035-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
74	Connecting Infant Complementary Feeding Patterns with Microbiome Development. <i>Current Developments in Nutrition</i> , 2020 , 4, 1034-1034	0.4	78
73	Association of Habitual Dietary Fiber Intake and Fecal Microbiome Gene Abundance with Gastrointestinal Symptoms in an Irritable Bowel Syndrome Cohort. <i>Current Developments in Nutrition</i> , 2020 , 4, 1581-1581	0.4	78
72	Embracing the gut microbiota: the new frontier for inflammatory and infectious diseases. <i>Clinical and Translational Immunology</i> , 2017 , 6, e125	6.8	72
71	Metagenomic insights into the roles of Proteobacteria in the gastrointestinal microbiomes of healthy dogs and cats. <i>MicrobiologyOpen</i> , 2018 , 7, e00677	3.4	66
70	CTLA-4 promotes Foxp3 induction and regulatory T cell accumulation in the intestinal lamina propria. <i>Mucosal Immunology</i> , 2013 , 6, 324-34	9.2	56
69	Transfer of intestinal bacterial components to mammary secretions in the cow. <i>PeerJ</i> , 2015 , 3, e888	3.1	53
68	Live <i>Faecalibacterium prausnitzii</i> in an apical anaerobic model of the intestinal epithelial barrier. <i>Cellular Microbiology</i> , 2015 , 17, 226-40	3.9	49
67	Dietary format alters fecal bacterial populations in the domestic cat (<i>Felis catus</i>). <i>MicrobiologyOpen</i> , 2013 , 2, 173-81	3.4	45
66	RNA-Based Stable Isotope Probing Suggests spp. as Particularly Active Glucose Assimilators in a Complex Murine Microbiota Cultured In Vitro. <i>BioMed Research International</i> , 2017 , 2017, 1829685	3	36
65	Changes in composition of caecal microbiota associated with increased colon inflammation in interleukin-10 gene-deficient mice inoculated with <i>Enterococcus</i> species. <i>Nutrients</i> , 2015 , 7, 1798-816	6.7	35
64	Human Breast Milk and Infant Formulas Differentially Modify the Intestinal Microbiota in Human Infants and Host Physiology in Rats. <i>Journal of Nutrition</i> , 2016 , 146, 191-9	4.1	32

63	Increasing Evidence That Irritable Bowel Syndrome and Functional Gastrointestinal Disorders Have a Microbial Pathogenesis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020 , 10, 468	5.9	26
62	Determination of Resistant Starch Assimilating Bacteria in Fecal Samples of Mice by RNA-Based Stable Isotope Probing. <i>Frontiers in Microbiology</i> , 2017 , 8, 1331	5.7	25
61	Expression and secretion of a biologically active glycoprotein hormone, ovine follicle stimulating hormone, by <i>Pichia pastoris</i> . <i>Journal of Molecular Endocrinology</i> , 1998 , 21, 327-36	4.5	25
60	Changes in bowel microbiota induced by feeding weanlings resistant starch stimulate transcriptomic and physiological responses. <i>Applied and Environmental Microbiology</i> , 2012 , 78, 6656-64	4.8	24
59	Gastric Emptying and Gastrointestinal Transit Compared among Native and Hydrolyzed Whey and Casein Milk Proteins in an Aged Rat Model. <i>Nutrients</i> , 2017 , 9,	6.7	23
58	Detection of sialic acid-utilising bacteria in a caecal community batch culture using RNA-based stable isotope probing. <i>Nutrients</i> , 2015 , 7, 2109-24	6.7	22
57	Follicle-stimulating hormone in the brushtail possum (<i>Trichosurus vulpecula</i>): purification, characterization, and radioimmunoassay. <i>General and Comparative Endocrinology</i> , 1997 , 106, 30-8	3	20
56	Gastroparesis and lipid metabolism-associated dysbiosis in Wistar-Kyoto rats. <i>American Journal of Physiology - Renal Physiology</i> , 2017 , 313, G62-G72	5.1	19
55	Addition of plant dietary fibre to a raw red meat high protein, high fat diet, alters the faecal bacteriome and organic acid profiles of the domestic cat (<i>Felis catus</i>). <i>PLoS ONE</i> , 2019 , 14, e0216072	3.7	19
54	In Vivo Assessment of Resistant Starch Degradation by the Caecal Microbiota of Mice Using RNA-Based Stable Isotope Probing-A Proof-of-Principle Study. <i>Nutrients</i> , 2018 , 10,	6.7	19
53	The Fecal Microbiota in the Domestic Cat () Is Influenced by Interactions Between Age and Diet; A Five Year Longitudinal Study. <i>Frontiers in Microbiology</i> , 2018 , 9, 1231	5.7	18
52	Impact of dietary dairy polar lipids on lipid metabolism of mice fed a high-fat diet. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 2729-38	5.7	18
51	Gut-Brain Axis in the Early Postnatal Years of Life: A Developmental Perspective. <i>Frontiers in Integrative Neuroscience</i> , 2020 , 14, 44	3.2	18
50	Infant Complementary Feeding of Prebiotics for the Microbiome and Immunity. <i>Nutrients</i> , 2019 , 11,	6.7	18
49	Prenatal caprine milk oligosaccharide consumption affects the development of mice offspring. <i>Molecular Nutrition and Food Research</i> , 2016 , 60, 2076-85	5.9	16
48	Post-weaning selenium and folate supplementation affects gene and protein expression and global DNA methylation in mice fed high-fat diets. <i>BMC Medical Genomics</i> , 2013 , 6, 7	3.7	16
47	Gut Microbial Metabolites and Biochemical Pathways Involved in Irritable Bowel Syndrome: Effects of Diet and Nutrition on the Microbiome. <i>Journal of Nutrition</i> , 2020 , 150, 1012-1021	4.1	16
46	Pre- and post-weaning diet alters the faecal metagenome in the cat with differences in vitamin and carbohydrate metabolism gene abundances. <i>Scientific Reports</i> , 2016 , 6, 34668	4.9	15

45	Bowel microbiota moderate host physiological responses to dietary konjac in weanling rats. <i>Journal of Nutrition</i> , 2013 , 143, 1052-60	4.1	14
44	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	3.7	14
43	Post-weaning diet affects faecal microbial composition but not selected adipose gene expression in the cat (<i>Felis catus</i>). <i>PLoS ONE</i> , 2013 , 8, e80992	3.7	13
42	Low folate and selenium in the mouse maternal diet alters liver gene expression patterns in the offspring after weaning. <i>Nutrients</i> , 2015 , 7, 3370-86	6.7	12
41	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	4.9	11
40	Do Dairy Minerals Have a Positive Effect on Bone Health?. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2018 , 17, 989-1005	16.4	11
39	A reverse metabolic approach to weaning: in silico identification of immune-beneficial infant gut bacteria, mining their metabolism for prebiotic feeds and sourcing these feeds in the natural product space. <i>Microbiome</i> , 2018 , 6, 171	16.6	11
38	Metabolome and microbiome profiling of a stress-sensitive rat model of gut-brain axis dysfunction. <i>Scientific Reports</i> , 2019 , 9, 14026	4.9	10
37	Five-week dietary exposure to dry diets alters the faecal bacterial populations in the domestic cat (<i>Felis catus</i>). <i>British Journal of Nutrition</i> , 2011 , 106 Suppl 1, S49-52	3.6	10
36	Glycan Utilisation and Function in the Microbiome of Weaning Infants. <i>Microorganisms</i> , 2019 , 7,	4.9	9
35	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	3.7	8
34	Feeding Bugs to Bugs: Edible Insects Modify the Human Gut Microbiome in an Fermentation Model. <i>Frontiers in Microbiology</i> , 2020 , 11, 1763	5.7	8
33	Effect of rotor type on the separation of isotope-labeled and unlabeled <i>Escherichia coli</i> RNA by isopycnic density ultracentrifugation. <i>Canadian Journal of Microbiology</i> , 2017 , 63, 83-87	3.2	7
32	Metabolomics and Proteomics, and What to Do with All These Omics Insights from Nutrigenomic Investigations in New Zealand. <i>Journal of Nutrigenetics and Nutrigenomics</i> , 2014 , 7, 274-82		7
31	The effects of a wool hydrolysate on short-chain fatty acid production and fecal microbial composition in the domestic cat (<i>Felis catus</i>). <i>Food and Function</i> , 2018 , 9, 4107-4121	6.1	6
30	Digestive-resistant carbohydrates affect lipid metabolism in rats. <i>Metabolomics</i> , 2016 , 12, 1	4.7	6
29	Lipidomics of Brain Tissues in Rats Fed Human Milk from Chinese Mothers or Commercial Infant Formula. <i>Metabolites</i> , 2019 , 9,	5.6	5
28	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

27	Human milk and infant formula differentially alters the microbiota composition and functional gene relative abundance in the small and large intestines in weanling rats. <i>European Journal of Nutrition</i> , 2020 , 59, 2131-2143	5.2	5
26	A Polyphenol Enriched Variety of Apple Alters Circulating Immune Cell Gene Expression and Faecal Microbiota Composition in Healthy Adults: A Randomized Controlled Trial. <i>Nutrients</i> , 2021 , 13,	6.7	5
25	Comparison of the bioactivity of whole and skimmed digested sheep milk with that of digested goat and cow milk in functional cell culture assays. <i>Small Ruminant Research</i> , 2017 , 149, 202-208	1.7	4
24	The Distribution of Essential, Trace, and Nonessential Minerals in Weanling Male Rats Fed Sheep or Cow Milk. <i>Molecular Nutrition and Food Research</i> , 2018 , 62, e1800482	5.9	4
23	Bioactive and immunoreactive FSH concentrations in ewe and ram lambs over the first year of life. <i>Animal Reproduction Science</i> , 1998 , 51, 155-66	2.1	4
22	Genetic regulation of antibody responsiveness to immunization in substrains of BALB/c mice. <i>Immunology and Cell Biology</i> , 2019 , 97, 39-53	5	4
21	In Vitro Fermentation of Sheep and Cow Milk Using Infant Fecal Bacteria. <i>Nutrients</i> , 2020 , 12,	6.7	3
20	Fermentation of Digested Milk Fat Globule Membrane From Ruminant Milk Modulates Piglet Ileal and Caecal Microbiota. <i>Frontiers in Nutrition</i> , 2020 , 7, 91	6.2	3
19	Minerals in Sheep Milk 2017 , 345-362		3
18	Potential Association Between Dietary Fibre and Humoral Response to the Seasonal Influenza Vaccine. <i>Frontiers in Immunology</i> , 2021 , 12, 765528	8.4	3
17	Concentrations of Fecal Bile Acids in Participants with Functional Gut Disorders and Healthy Controls. <i>Metabolites</i> , 2021 , 11,	5.6	3
16	Consumption of sheep milk compared to cow milk can affect trabecular bone ultrastructure in a rat model. <i>Food and Function</i> , 2019 , 10, 163-171	6.1	2
15	The Effect of Sheep and Cow Milk Supplementation of a Low Calcium Diet on the Distribution of Macro and Trace Minerals in the Organs of Weanling Rats. <i>Nutrients</i> , 2020 , 12,	6.7	2
14	Effects of Prenatal Consumption of Caprine Milk Oligosaccharides on Mice Mono-associated with (AGR2166). <i>Open Microbiology Journal</i> , 2017 , 11, 105-111	0.8	2
13	Cohort Profile: The Christchurch IBS cOhort to investigate Mechanisms FORe gut Relief and improved Transit (COMFORT). <i>Inflammatory Intestinal Diseases</i> , 2020 , 5, 132-143	2.5	2
12	Goat milk increases gastric emptying and alters caecal short chain fatty acid profile compared with cow milk in healthy rats. <i>Food and Function</i> , 2020 , 11, 8573-8582	6.1	2
11	A feasibility study: association between gut microbiota enterotype and antibody response to seasonal trivalent influenza vaccine in adults. <i>Clinical and Translational Immunology</i> , 2018 , 7, e1013	6.8	1
10	Identifying biomarkers relevant to functional gastrointestinal disorders using a systems biology approach. <i>FASEB Journal</i> , 2018 , 32, 759.7	0.9	1

9	Dietary format alters faecal bacterial phyla in the domestic cat (<i>Felis catus</i>). <i>FASEB Journal</i> , 2012 , 26, lb763	0.9	1
8	Effect of milk replacer allowance on calf faecal bacterial community profiles and fermentation. <i>Animal Microbiome</i> , 2021 , 3, 27	4.1	1
7	Effects of long-acting, broad spectra anthelmintic treatments on the rumen microbial community compositions of grazing sheep. <i>Scientific Reports</i> , 2021 , 11, 3836	4.9	1
6	Microbial signalling in colonic motility. <i>International Journal of Biochemistry and Cell Biology</i> , 2021 , 134, 105963	5.6	0
5	Interactions of Milk Proteins With Minerals 2019 , 395-403		
4	Comprehensive Compositional Analysis of the Slit Lamp Bacteriota. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 745653	5.9	
3	Exploring the link between Irritable Bowel Syndrome and the microbiome. <i>FASEB Journal</i> , 2018 , 32, 765.4.9		
2	NexGen Sequencing Data: Bioinformatic Tools for Visualization and Analysis 2021 , 47-90		
1	"Nourish to Flourish": complementary feeding for a healthy infant gut microbiome-a non-randomised pilot feasibility study.. <i>Pilot and Feasibility Studies</i> , 2022 , 8, 103	1.9	