

# Warren C McNabb

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/8385012/warren-c-mcnabb-publications-by-citations.pdf>  
**Version:** 2024-04-09

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.  
The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

133 papers	6,532 citations	43 h-index	78 g-index
147 ext. papers	7,441 ext. citations	3.9 avg, IF	5.74 L-index

#	Paper	IF	Citations
133	Regulation of tight junction permeability by intestinal bacteria and dietary components. <i>Journal of Nutrition</i> , <b>2011</b> , 141, 769-76	4.1	692
132	The effect of condensed tannins on the nutrition and health of ruminants fed fresh temperate forages: a review. <i>Animal Feed Science and Technology</i> , <b>2003</b> , 106, 3-19	3	603
131	Validation of zebrafish ( <i>Danio rerio</i> ) reference genes for quantitative real-time RT-PCR normalization. <i>Acta Biochimica Et Biophysica Sinica</i> , <b>2007</b> , 39, 384-90	2.8	461
130	Polyphenols and agriculture: beneficial effects of proanthocyanidins in forages. <i>Agriculture, Ecosystems and Environment</i> , <b>1999</b> , 75, 1-12	5.7	287
129	<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> , <b>2010</b> , 10, 316	4.5	246
128	Consequences of plant phenolic compounds for productivity and health of ruminants. <i>Proceedings of the Nutrition Society</i> , <b>2003</b> , 62, 383-92	2.9	168
127	Assay and digestion of <sup>14</sup> C-labelled condensed tannins in the gastrointestinal tract of sheep. <i>British Journal of Nutrition</i> , <b>1994</b> , 72, 467-77	3.6	156
126	The role of cell surface architecture of lactobacilli in host-microbe interactions in the gastrointestinal tract. <i>Mediators of Inflammation</i> , <b>2013</b> , 2013, 237921	4.3	142
125	The phenols and prodelphinidins of white clover flowers. <i>Phytochemistry</i> , <b>2000</b> , 54, 539-48	4	140
124	A biotechnological approach to improving the nutritive value of alfalfa. <i>Journal of Animal Science</i> , <b>1995</b> , 73, 2752-9	0.7	122
123	The case for strategic international alliances to harness nutritional genomics for public and personal health. <i>British Journal of Nutrition</i> , <b>2005</b> , 94, 623-32	3.6	112
122	The effect of condensed tannins from seven herbages on <i>Trichostrongylus colubriformis</i> larval migration in vitro. <i>Folia Parasitologica</i> , <b>2000</b> , 47, 39-44	1.8	110
121	Proanthocyanidins from <i>Lotus pedunculatus</i> . <i>Phytochemistry</i> , <b>1997</b> , 45, 1689-1696	4	107
120	<i>Lactobacillus plantarum</i> DSM 2648 is a potential probiotic that enhances intestinal barrier function. <i>FEMS Microbiology Letters</i> , <b>2010</b> , 309, 184-92	2.9	103
119	<i>Lotus corniculatus</i> condensed tannins decrease in vivo populations of proteolytic bacteria and affect nitrogen metabolism in the rumen of sheep. <i>Canadian Journal of Microbiology</i> , <b>2002</b> , 48, 911-21	3.2	103
118	The effect of condensed tannins from <i>Lotus corniculatus</i> on the proteolytic activities and growth of rumen bacteria. <i>Animal Feed Science and Technology</i> , <b>2005</b> , 121, 45-58	3	97
117	Can nutritional modulation of maternal intestinal microbiota influence the development of the infant gastrointestinal tract?. <i>Journal of Nutrition</i> , <b>2012</b> , 142, 1921-8	4.1	84

116	The effect of condensed tannins in <i>Lotus pedunculatus</i> on the solubilization and degradation of ribulose-1,5-bisphosphate carboxylase (EC 4.1.1.39; Rubisco) protein in the rumen and the sites of Rubisco digestion. <i>British Journal of Nutrition</i> , <b>1996</b> , 76, 535-49	3.6	79
115	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> , <b>2019</b> , 3,	0.4	78
114	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> , <b>2019</b> , 3,	0.4	78
113	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> , <b>2019</b> , 3,	0.4	78
112	Connecting Infant Complementary Feeding Patterns with Microbiome Development. <i>Current Developments in Nutrition</i> , <b>2020</b> , 4, 1034-1034	0.4	78
111	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> , <b>2020</b> , 4, 1581-1581	0.4	78
110	The effects of dietary curcumin and rutin on colonic inflammation and gene expression in multidrug resistance gene-deficient ( <i>mdr1a</i> <sup>-/-</sup> ) mice, a model of inflammatory bowel diseases. <i>British Journal of Nutrition</i> , <b>2009</b> , 101, 169-81	3.6	77
109	Effects of condensed tannins and crude sesquiterpene lactones extracted from chicory on the motility of larvae of deer lungworm and gastrointestinal nematodes. <i>Parasitology International</i> , <b>2003</b> , 52, 209-18	2.1	73
108	Phenolic glycosides of forage legume <i>Onobrychis viciifolia</i> . <i>Phytochemistry</i> , <b>2000</b> , 55, 67-75	4	71
107	Influence of dietary blueberry and broccoli on cecal microbiota activity and colon morphology in <i>mdr1a</i> <sup>-/-</sup> mice, a model of inflammatory bowel diseases. <i>Nutrition</i> , <b>2012</b> , 28, 324-30	4.8	69
106	The Condensed Tannin Content of a Range of Subtropical and Temperate Forages and the Reactivity of Condensed Tannin with Ribulose- 1,5-bis-phosphate Carboxylase (Rubisco) Protein. <i>Journal of the Science of Food and Agriculture</i> , <b>1996</b> , 72, 483-492	4.3	65
105	Condensed tannins from <i>Lotus corniculatus</i> and <i>Lotus pedunculatus</i> exert different effects on the in vitro rumen degradation of ribulose-1,5-bisphosphate carboxylase/oxygenase (Rubisco) protein. <i>Journal of the Science of Food and Agriculture</i> , <b>1999</b> , 79, 79-85	4.3	64
104	Dietary A1 ßcasein affects gastrointestinal transit time, dipeptidyl peptidase-4 activity, and inflammatory status relative to A2 ßcasein in Wistar rats. <i>International Journal of Food Sciences and Nutrition</i> , <b>2014</b> , 65, 720-7	3.7	57
103	The effect of condensed tannins in <i>Lotus corniculatus</i> upon reproductive efficiency and wool production in sheep during late summer and autumn. <i>Journal of Agricultural Science</i> , <b>1999</b> , 132, 323-334 <sup>1</sup>		56
102	Characterization of intestinal inflammation and identification of related gene expression changes in <i>mdr1a</i> <sup>-/-</sup> mice. <i>Genes and Nutrition</i> , <b>2007</b> , 2, 209-23	4.3	55
101	Effect of condensed tannins prepared from several forages on the in vitro precipitation of ribulose-1,5-bisphosphate carboxylase (Rubisco) protein and its digestion by trypsin (EC 2.4.21.4) and chymotrypsin (EC 2.4.21.1). <i>Journal of the Science of Food and Agriculture</i> , <b>1998</b> , 77, 201-212	4.3	54
100	Accumulation of a sulphur-rich seed albumin from sunflower in the leaves of transgenic subterranean clover ( <i>Trifolium subterraneum</i> L.). <i>Transgenic Research</i> , <b>1996</b> , 5, 179-85	3.3	53
99	Pastoral flavour in meat products from ruminants fed fresh forages and its amelioration by forage condensed tannins. <i>Animal Feed Science and Technology</i> , <b>2008</b> , 146, 193-221	3	50

98	Solubilization and degradation of ribulose-1,5-bisphosphate carboxylase/oxygenase (EC 4.1.1.39; Rubisco) protein from white clover ( <i>Trifolium repens</i> ) and <i>Lotus corniculatus</i> by rumen microorganisms and the effect of condensed tannins on these processes. <i>Journal of Agricultural Science</i> , <b>2000</b> , 134, 305-317	1	50
97	Live <i>Faecalibacterium prausnitzii</i> in an apical anaerobic model of the intestinal epithelial barrier. <i>Cellular Microbiology</i> , <b>2015</b> , 17, 226-40	3.9	49
96	Nutrigenomics applied to an animal model of Inflammatory Bowel Diseases: transcriptomic analysis of the effects of eicosapentaenoic acid- and arachidonic acid-enriched diets. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2007</b> , 622, 103-16	3.3	49
95	Hydrogen cross-feeders of the human gastrointestinal tract. <i>Gut Microbes</i> , <b>2019</b> , 10, 270-288	8.8	49
94	A comparison of analog and Next-Generation transcriptomic tools for mammalian studies. <i>Briefings in Functional Genomics</i> , <b>2011</b> , 10, 135-50	4.9	48
93	The effect of condensed tannins in <i>Lotus corniculatus</i> upon reproductive efficiency and wool production in ewes during autumn. <i>Animal Feed Science and Technology</i> , <b>2001</b> , 92, 185-202	3	48
92	The Classification and Evolution of Bacterial Cross-Feeding. <i>Frontiers in Ecology and Evolution</i> , <b>2019</b> , 7,	3.7	47
91	Changes in colon gene expression associated with increased colon inflammation in interleukin-10 gene-deficient mice inoculated with <i>Enterococcus</i> species. <i>BMC Immunology</i> , <b>2010</b> , 11, 39	3.7	46
90	Genome-wide analysis of dietary eicosapentaenoic acid- and oleic acid-induced modulation of colon inflammation in interleukin-10 gene-deficient mice. <i>Journal of Nutrigenetics and Nutrigenomics</i> , <b>2009</b> , 2, 9-28		40
89	Use of <i>Lotus corniculatus</i> containing condensed tannins to increase lamb and wool production under commercial dryland farming conditions without the use of anthelmintics. <i>Animal Feed Science and Technology</i> , <b>2004</b> , 117, 85-105	3	39
88	In-vitro rates of rumen proteolysis of ribulose-1,5-bisphosphate carboxylase (rubisco) from lucerne leaves, and of ovalbumin, vicilin and sunflower albumin 8 storage proteins. <i>Journal of the Science of Food and Agriculture</i> , <b>1994</b> , 64, 53-61	4.3	38
87	Genetic engineering of grain and pasture legumes for improved nutritive value. <i>Genetica</i> , <b>1993</b> , 90, 181-200		37
86	Use of <i>Lotus corniculatus</i> containing condensed tannins to increase summer lamb growth under commercial dryland farming conditions with minimal anthelmintic drench input. <i>Animal Feed Science and Technology</i> , <b>2005</b> , 122, 197-217	3	36
85	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> , <b>2015</b> , 7, 1798-816	6.7	35
84	Initiation and elongation steps of mRNA translation are involved in the increase in milk protein yield caused by growth hormone administration during lactation. <i>Journal of Dairy Science</i> , <b>2009</b> , 92, 1889-199	4.9	35
83	Multidrug resistance gene deficient ( <i>mdr1a</i> <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
82	The effects of carbohydrate structure on the composition and functionality of the human gut microbiota. <i>Trends in Food Science and Technology</i> , <b>2020</b> , 97, 233-248	15.3	29
81	Modulation of colonic inflammation in <i>Mdr1a</i> <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

80	Investigating micronutrients and epigenetic mechanisms in relation to inflammatory bowel disease. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2010</b> , 690, 71-80	3.3	29
79	Composition and enrichment of caprine milk oligosaccharides from New Zealand Saanen goat cheese whey. <i>Journal of Food Composition and Analysis</i> , <b>2015</b> , 42, 30-37	4.1	28
78	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> , <b>2016</b> , 27, 181-92	6.3	28
77	Skatole and indole concentration and the odour of fat from lambs that had grazed perennial ryegrass/white clover pasture or Lotus corniculatus. <i>Animal Feed Science and Technology</i> , <b>2007</b> , 138, 254-271	3.271	28
76	Reasons and means for manipulating the micronutrient composition of milk from grazing dairy cattle. <i>Animal Feed Science and Technology</i> , <b>2006</b> , 131, 154-167	3	28
75	Maternal constraint influences muscle fibre development in fetal lambs. <i>Reproduction, Fertility and Development</i> , <b>1997</b> , 9, 675-81	1.8	28
74	Increasing Evidence That Irritable Bowel Syndrome and Functional Gastrointestinal Disorders Have a Microbial Pathogenesis. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 468	5.9	26
73	Proteomic analysis of colon tissue from interleukin-10 gene-deficient mice fed polyunsaturated Fatty acids with comparison to transcriptomic analysis. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 1065-77	5.6	25
72	Bacterial biofilms associated with food particles in the human large bowel. <i>Molecular Nutrition and Food Research</i> , <b>2011</b> , 55, 969-78	5.9	25
71	The effect of condensed tannins from heated and unheated cottonseed on the ileal digestibility of amino acids for the growing rat and pig. <i>British Journal of Nutrition</i> , <b>1996</b> , 76, 359-71	3.6	24
70	Dietary arachidonic acid-mediated effects on colon inflammation using transcriptome analysis. <i>Molecular Nutrition and Food Research</i> , <b>2010</b> , 54 Suppl 1, S62-74	5.9	22
69	The interactions between endogenous bacteria, dietary components and the mucus layer of the large bowel. <i>Food and Function</i> , <b>2012</b> , 3, 690-9	6.1	21
68	High rates of mammary tissue protein turnover in lactating goats are energetically costly. <i>Journal of Nutrition</i> , <b>2009</b> , 139, 1118-27	4.1	20
67	Effect of a Semi-Purified Oligosaccharide-Enriched Fraction from Caprine Milk on Barrier Integrity and Mucin Production of Co-Culture Models of the Small and Large Intestinal Epithelium. <i>Nutrients</i> , <b>2016</b> , 8,	6.7	19
66	Metabolism of Caprine Milk Carbohydrates by Probiotic Bacteria and Caco-2:HT29?MTX Epithelial Co-Cultures and Their Impact on Intestinal Barrier Integrity. <i>Nutrients</i> , <b>2018</b> , 10,	6.7	18
65	Increasing intake of long-chain n-3 PUFA enhances lipoperoxidation and modulates hepatic gene expression in a dose-dependent manner. <i>British Journal of Nutrition</i> , <b>2012</b> , 107, 1254-73	3.6	18
64	Gut-Brain Axis in the Early Postnatal Years of Life: A Developmental Perspective. <i>Frontiers in Integrative Neuroscience</i> , <b>2020</b> , 14, 44	3.2	18
63	Infant Complementary Feeding of Prebiotics for the Microbiome and Immunity. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	18

62	Prenatal caprine milk oligosaccharide consumption affects the development of mice offspring. <i>Molecular Nutrition and Food Research</i> , <b>2016</b> , 60, 2076-85	5.9	16
61	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> , <b>2013</b> , 6, 7	3.7	16
60	Gut Microbial Metabolites and Biochemical Pathways Involved in Irritable Bowel Syndrome: Effects of Diet and Nutrition on the Microbiome. <i>Journal of Nutrition</i> , <b>2020</b> , 150, 1012-1021	4.1	16
59	A mathematical model of the effect of pH and food matrix composition on fluid transport into foods: An application in gastric digestion and cheese brining. <i>Food Research International</i> , <b>2014</b> , 57, 34-43	4.7	15
58	Dietary oleic acid as a control fatty acid for polyunsaturated fatty acid intervention studies: a transcriptomics and proteomics investigation using interleukin-10 gene-deficient mice. <i>Biotechnology Journal</i> , <b>2010</b> , 5, 1226-40	5.6	15
57	Nematodes and nutrient partitioning. <i>Australian Journal of Experimental Agriculture</i> , <b>2003</b> , 43, 1419		15
56	The effect of supplementation of a white clover or perennial ryegrass diet with grape seed extract on indole and skatole metabolism and the sensory characteristics of lamb. <i>Journal of the Science of Food and Agriculture</i> , <b>2007</b> , 87, 1030-1041	4.3	14
55	In Vitro Fermentation of caprine milk oligosaccharides by bifidobacteria isolated from breast-fed infants. <i>Gut Microbes</i> , <b>2015</b> , 6, 352-63	8.8	13
54	Molecular Characterization of the Onset and Progression of Colitis in Inoculated Interleukin-10 Gene-Deficient Mice: A Role for PPARalpha. <i>PPAR Research</i> , <b>2010</b> , 2010, 621069	4.3	13
53	Concentration of indoles and other rumen metabolites in sheep after a meal of fresh white clover, perennial ryegrass or Lotus corniculatus and the appearance of indoles in the blood. <i>Journal of the Science of Food and Agriculture</i> , <b>2007</b> , 87, 1042-1051	4.3	13
52	Low folate and selenium in the mouse maternal diet alters liver gene expression patterns in the offspring after weaning. <i>Nutrients</i> , <b>2015</b> , 7, 3370-86	6.7	12
51	Diversity of caecal bacteria is altered in interleukin-10 gene-deficient mice before and after colitis onset and when fed polyunsaturated fatty acids. <i>Microbiology (United Kingdom)</i> , <b>2010</b> , 156, 3306-3316	2.9	12
50	Adding nutritional value to meat and milk from pasture-fed livestock. <i>New Zealand Veterinary Journal</i> , <b>2004</b> , 52, 342-51	1.7	12
49	Effect of condensed tannin in cottonseed hulls upon the in vitro degradation of cottonseed kernel proteins by rumen microorganisms. <i>Journal of the Science of Food and Agriculture</i> , <b>1995</b> , 69, 223-234	4.3	12
48	Mammary transcriptome analysis of lactating dairy cows following administration of bovine growth hormone. <i>Animal</i> , <b>2016</b> , 10, 2008-2017	3.1	12
47	Monoculture parameters successfully predict coculture growth kinetics of Bacteroides thetaiotaomicron and two Bifidobacterium strains. <i>International Journal of Food Microbiology</i> , <b>2014</b> , 191, 172-81	5.8	11
46	Immunohistochemical detection of myogenic cells in muscles of fetal and neonatal lambs. <i>Cells Tissues Organs</i> , <b>2001</b> , 169, 21-33	2.1	11
45	A Mathematical Model for the Hydrogenotrophic Metabolism of Sulphate-Reducing Bacteria. <i>Frontiers in Microbiology</i> , <b>2019</b> , 10, 1652	5.7	10



44	Modeling inflammatory bowel disease: the zebrafish as a way forward. <i>Expert Review of Molecular Diagnostics</i> , <b>2007</b> , 7, 177-93	3.8	10
43	Effect of bound condensed tannin from cottonseed upon in situ protein solubility and dry matter digestion in the rumen. <i>Journal of the Science of Food and Agriculture</i> , <b>1995</b> , 69, 311-319	4.3	10
42	Polyethylene glycol increases intestinal absorption and hepatic uptake of indole and skatole in sheep fed sulla. <i>Journal of Animal and Feed Sciences</i> , <b>2004</b> , 13, 339-342	1.5	10
41	Glycan Utilisation and Function in the Microbiome of Weaning Infants. <i>Microorganisms</i> , <b>2019</b> , 7,	4.9	9
40	Anisotropic nutrient transport in three-dimensional single species bacterial biofilms. <i>Biotechnology and Bioengineering</i> , <b>2012</b> , 109, 1280-92	4.9	9
39	Effect of different condensed tannin-containing forages, forage maturity and nitrogen fertiliser application on the formation of indole and skatole in in vitro rumen fermentations. <i>Journal of the Science of Food and Agriculture</i> , <b>2007</b> , 87, 1076-1087	4.3	9
38	In vivo anthelmintic activity of Dorycnium rectum and grape seed extract against Ostertagia (Teladorsagia) circumcincta and Trichostrongylus colubriformis in sheep. <i>New Zealand Veterinary Journal</i> , <b>2006</b> , 54, 21-7	1.7	9
37	The effect of grazing Lotus corniculatus during late summer - autumn on reproductive efficiency and wool production in ewes. <i>Australian Journal of Agricultural Research</i> , <b>2000</b> , 51, 385		9
36	Smart Foods from the pastoral sector - implications for meat and milk producers. <i>Australian Journal of Experimental Agriculture</i> , <b>2008</b> , 48, 726		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> , <b>2013</b> , 8, e63251	3.7	8
34	Post-weaning effects of milk and milk components on the intestinal mucosa in inflammation. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , <b>2010</b> , 690, 64-70	3.3	7
33	Whole-body valine and cysteine kinetics and tissue fractional protein synthesis rates in lambs fed Sulla (Hedysarum coronarium) and infected or not infected with adult Trichostrongylus colubriformis. <i>British Journal of Nutrition</i> , <b>2006</b> , 96, 28-38	3.6	6
32	Understanding the Effects of Lactose Hydrolysis Modeling on the Main Oligosaccharides in Goat Milk Whey Permeate. <i>Molecules</i> , <b>2019</b> , 24,	4.8	5
31	Ileal and hindgut fermentation in the growing pig fed a human-type diet. <i>British Journal of Nutrition</i> , <b>2020</b> , 124, 567-576	3.6	5
30	Mathematical modelling supports the existence of a threshold hydrogen concentration and media-dependent yields in the growth of a reductive acetogen. <i>Bioprocess and Biosystems Engineering</i> , <b>2020</b> , 43, 885-894	3.7	4
29	Controlling the formation of indole and skatole in in vitro rumen fermentations using condensed tannin. <i>Journal of the Science of Food and Agriculture</i> , <b>2007</b> , 87, 887-899	4.3	4
28	Effects of microwave processing conditions on microbial safety and antimicrobial proteins in bovine milk. <i>Journal of Food Processing and Preservation</i> , <b>2020</b> , 44, e14348	2.1	4
27	Possibility of minimizing gluten intolerance by co-consumption of some fruits [A case for positive food synergy?]. <i>Trends in Food Science and Technology</i> , <b>2019</b> , 94, 91-97	15.3	4

26	Fermentation of Digested Milk Fat Globule Membrane From Ruminant Milk Modulates Piglet Ileal and Caecal Microbiota. <i>Frontiers in Nutrition</i> , <b>2020</b> , 7, 91	6.2	3
25	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
24	Insulin regulation of amino-acid metabolism in the mammary gland of sheep in early lactation and fed fresh forage. <i>Animal</i> , <b>2009</b> , 3, 858-70	3.1	3
23	Whole-body fluxes and partitioning of amino acids to the mammary gland of cows fed fresh pasture at two levels of intake during early lactation. <i>British Journal of Nutrition</i> , <b>2003</b> , 90, 271-81	3.6	3
22	Lifetime climate impacts of diet transitions: a novel climate change accounting perspective. <i>Sustainability</i> , <b>2021</b> , 13, 5568	3.6	3
21	The kiwifruit enzyme actinidin enhances the hydrolysis of gluten proteins during simulated gastrointestinal digestion. <i>Food Chemistry</i> , <b>2021</b> , 341, 128239	8.5	3
20	Examination of hydrogen cross-feeders using a colonic microbiota model. <i>BMC Bioinformatics</i> , <b>2021</b> , 22, 3	3.6	3
19	Competition for Hydrogen Prevents Coexistence of Human Gastrointestinal Hydrogenotrophs in Continuous Culture. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 1073	5.7	2
18	Lactobacillus fermentum AGR1487 cell surface structures and supernatant increase paracellular permeability through different pathways. <i>MicrobiologyOpen</i> , <b>2015</b> , 4, 541-52	3.4	2
17	Moderate levels of dietary sheep milk powder reduce experimentally induced colonic inflammation in rats. <i>Animal Production Science</i> , <b>2010</b> , 50, 714	1.4	2
16	Intestinal amino acid absorption in lambs fed fresh Lucerne ( Medicago sativa) during an established Trichostrongylus colubriformis infection. <i>Animal</i> , <b>2008</b> , 2, 1037-44	3.1	2
15	Nutrigenomics and gut health: meeting report from an international conference in Auckland, New Zealand, April 30, May 1-3, 2006. <i>Genes and Nutrition</i> , <b>2007</b> , 2, 157-60	4.3	2
14	Adult Trichostrongylus colubriformis infection did not affect protein synthesis rate in whole-body, intestinal, hepatic and skeletal muscle tissues of lambs fed fresh Lucerne (Medicago sativa). <i>Canadian Journal of Animal Science</i> , <b>2007</b> , 87, 315-325	0.9	2
13	Intestinal, hepatic, splanchnic and hindquarter amino acid and metabolite partitioning during an established Trichostrongylus colubriformis infection in the small intestine of lambs fed fresh Sulla (Hedysarum coronarium). <i>British Journal of Nutrition</i> , <b>2007</b> , 98, 1132-42	3.6	2
12	Effects of Prenatal Consumption of Caprine Milk Oligosaccharides on Mice Mono-associated with (AGR2166). <i>Open Microbiology Journal</i> , <b>2017</b> , 11, 105-111	0.8	2
11	A Mathematical Model to Facilitate Study of Hydrogen Cross-feeding by the Human Colonic Microbiota (P13-036-19). <i>Current Developments in Nutrition</i> , <b>2019</b> , 3,	0.4	1
10	Developing smart foods using models of intestinal health. <i>Food Science and Technology Bulletin</i> , <b>2008</b> , 5, 27-38		1
9	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> , <b>2021</b> , 3, 000218	1	1



8	Porcine colonoids and enteroids keep the memory of their origin during regeneration. <i>American Journal of Physiology - Cell Physiology</i> , <b>2021</b> , 320, C794-C805	5.4	1
7	The role of holistic nutritional properties of diets in the assessment of food system and dietary sustainability.. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-21	11.5	1
6	The Role of Segmented Filamentous Bacteria in Immune Barrier Maturation of the Small Intestine at Weaning. <i>Frontiers in Nutrition</i> , <b>2021</b> , 8, 759137	6.2	0
5	Type of Dietary Fiber Is Associated with Changes in Ileal and Hindgut Microbial Communities in Growing Pigs and Influences In Vitro Ileal and Hindgut Fermentation. <i>Journal of Nutrition</i> , <b>2021</b> , 151, 2976-2985	4.1	0
4	The Importance of Microbiota and Host Interactions Throughout Life <b>2014</b> , 489-511		
3	Valine partitioning and kinetics between the gastrointestinal tract and hind limbs in lambs with an adult <i>Trichostrongylus colubriformis</i> burden. <i>Journal of Animal Science</i> , <b>2011</b> , 89, 3501-13	0.7	
2	Exploring the link between Irritable Bowel Syndrome and the microbiome. <i>FASEB Journal</i> , <b>2018</b> , 32, 765.4.9		
1	A protocol combining breath testing and fermentations to study the human gut microbiome. <i>STAR Protocols</i> , <b>2021</b> , 2, 100227	1.4	