

Stephen P J Brooks

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.

30 papers	587 citations	13 h-index	24 g-index
32 ext. papers	722 ext. citations	3.8 avg, IF	3.26 L-index

#	Paper	IF	Citations
30	Standardizing 25-hydroxyvitamin D values from the Canadian Health Measures Survey. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 1044-50	7	72
29	Sex differences in gut fermentation and immune parameters in rats fed an oligofructose-supplemented diet. <i>Biology of Sex Differences</i> , 2015 , 6, 13	9.3	55
28	Diets enriched in oat bran or wheat bran temporally and differentially alter the composition of the fecal community of rats. <i>Journal of Nutrition</i> , 2009 , 139, 2024-31	4.1	51
27	Metabolic adjustments during daily torpor in the Djungarian hamster. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 276, E896-906	6	51
26	Molecular methods to measure intestinal bacteria: a review. <i>Journal of AOAC INTERNATIONAL</i> , 2012 , 95, 5-23	1.7	39
25	Identification of <i>Methanoculleus</i> spp. as active methanogens during anoxic incubations of swine manure storage tank samples. <i>Applied and Environmental Microbiology</i> , 2013 , 79, 424-33	4.8	38
24	Baseline Assessment of 25-Hydroxyvitamin D Assay Performance: A Vitamin D Standardization Program (VDSP) Interlaboratory Comparison Study. <i>Journal of AOAC INTERNATIONAL</i> , 2017 , 100, 1244-1252	1.7	34
23	<i>Methanoculleus</i> spp. as a biomarker of methanogenic activity in swine manure storage tanks. <i>FEMS Microbiology Ecology</i> , 2012 , 80, 427-40	4.3	33
22	Ø-1 Fructan supplementation alters host immune responses in a manner consistent with increased exposure to microbial components: results from a double-blinded, randomised, cross-over study in healthy adults. <i>British Journal of Nutrition</i> , 2016 , 115, 1748-59	3.6	31
21	The Vitamin D Standardization Program (VDSP) Manual for Retrospective Laboratory Standardization of Serum 25-Hydroxyvitamin D Data. <i>Journal of AOAC INTERNATIONAL</i> , 2017 , 100, 1234-1243	1.7	28
20	Development of an Improved Standard Reference Material for Vitamin D Metabolites in Human Serum. <i>Analytical Chemistry</i> , 2017 , 89, 4907-4913	7.8	26
19	Baseline Assessment of 25-Hydroxyvitamin D Reference Material and Proficiency Testing/External Quality Assurance Material Commutability: A Vitamin D Standardization Program Study. <i>Journal of AOAC INTERNATIONAL</i> , 2017 , 100, 1288-1293	1.7	15
18	An Analysis of Factors Associated with 25-Hydroxyvitamin D Levels in White and Non-White Canadians. <i>Journal of AOAC INTERNATIONAL</i> , 2017 , 100, 1345-1354	1.7	14
17	Overweight and obesity are associated with lower vitamin D status in Canadian children and adolescents. <i>Paediatrics and Child Health</i> , 2017 , 22, 438-444	0.7	12
16	Enzymes of carbohydrate metabolism in young and adult rats fed diets differing in fat and carbohydrate. <i>Molecular and Cellular Biochemistry</i> , 1996 , 159, 55-63	4.2	12
15	Phylum level change in the cecal and fecal gut communities of rats fed diets containing different fermentable substrates supports a role for nitrogen as a factor contributing to community structure. <i>Nutrients</i> , 2015 , 7, 3279-99	6.7	11
14	A Spatially Continuous Model of Carbohydrate Digestion and Transport Processes in the Colon. <i>PLoS ONE</i> , 2015 , 10, e0145309	3.7	11

13	Spatial distribution of some microbial trophic groups in a plug-flow-type anaerobic bioreactor treating swine manure. <i>Water Science and Technology</i> , 2010 , 61, 1147-55	2.2	8
12	The Influence of Euthanasia Methods on Rat Liver Metabolism. <i>Contemporary Topics in Laboratory Animal Science</i> , 1999 , 38, 19-24		7
11	Impact of D-1 fructan on faecal community change: results from a placebo-controlled, randomised, double-blinded, cross-over study in healthy adults. <i>British Journal of Nutrition</i> , 2017 , 118, 441-453	3.6	6
10	Phylogenetic identification of methanogens assimilating acetate-derived carbon in dairy and swine manures. <i>Systematic and Applied Microbiology</i> , 2015 , 38, 56-66	4.2	6
9	The influence of hibernation patterns on the critical enzymes of lipogenesis and lipolysis in prairie dogs. <i>Experimental Biology Online</i> , 1998 , 3, 1-8		5
8	Low 25-hydroxyvitamin D levels are more prevalent in Canadians of South Asian than European ancestry inhabiting the National Capital Region of Canada. <i>PLoS ONE</i> , 2018 , 13, e0207429	3.7	5
7	Housing influences tissue cytokine levels and the fecal bacterial community structure in rats. <i>Journal of Functional Foods</i> , 2017 , 39, 306-311	5.1	2
6	Fermentable Carbohydrates Differentially Affect Colon Tumor Formation in Azoxymethane-Induced Male Fischer 344 Rats. <i>Journal of Nutrition</i> , 2015 , 146, 737-744	4.1	2
5	Diets containing different fermentable substrates can affect mucosal and systemic immune parameters in rats under homeostatic conditions. <i>Journal of Functional Foods</i> , 2016 , 20, 422-432	5.1	1
4	Fructooligosaccharides and wheat bran fed at similar fermentation levels differentially affect the expression of genes involved in transport, signaling, apoptosis, cell proliferation, and oncogenesis in the colon epithelia of healthy Fischer 344 rats. <i>Nutrition Research</i> , 2019 , 69, 101-113	4	1
3	Early prenatal use of a multivitamin diminishes the risk for inadequate vitamin D status in pregnant women: results from the Maternal-Infant Research on Environmental Chemicals (MIREC) cohort study. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1238-1250	7	1
2	Inadequate vitamin D status is associated with lower food plus supplemental intake of vitamin D in children of South Asian ethnicity living in the National Capital Region of Canada. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 1-8	3	0
1	Calcium exacerbates the inhibitory effects of phytic acid on zinc bioavailability in rats. <i>Journal of Trace Elements in Medicine and Biology</i> , 2020 , 62, 126643	4.1	