

# Leslie D Bourquin

## List of Publications by Citations

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39  
papers

1,962  
citations

19  
h-index

39  
g-index

39  
ext. papers

2,086  
ext. citations

3.1  
avg. IF

4.16  
L-index

#	Paper	IF	Citations
39	Cyclooxygenase inhibitory and antioxidant cyanidin glycosides in cherries and berries. <i>Phytomedicine</i> , <b>2001</b> , 8, 362-9	6.5	381
38	Tart cherry anthocyanins inhibit tumor development in ApcMin mice and reduce proliferation of human colon cancer cells. <i>Cancer Letters</i> , <b>2003</b> , 194, 13-19	9.9	231
37	Degradation products of cyanidin glycosides from tart cherries and their bioactivities. <i>Journal of Agricultural and Food Chemistry</i> , <b>2001</b> , 49, 4924-9	5.7	175
36	Fermentability of various fiber sources by human fecal bacteria in vitro. <i>American Journal of Clinical Nutrition</i> , <b>1991</b> , 53, 1418-24	7	143
35	Tart cherry anthocyanins inhibit tumor development in ApcMin mice and reduce proliferation of human colon cancer cells. <i>Cancer Letters</i> , <b>2003</b> , 194, 13-19	9.9	128
34	Dietary fiber for dogs: IV. In vitro fermentation of selected fiber sources by dog fecal inoculum and in vivo digestion and metabolism of fiber-supplemented diets. <i>Journal of Animal Science</i> , <b>1995</b> , 73, 1099-1109	9.7	114
33	Fermentation of various dietary fiber sources by human fecal bacteria. <i>Nutrition Research</i> , <b>1996</b> , 16, 1119-1131	4.78	78
32	Dietary anthocyanin-rich tart cherry extract inhibits intestinal tumorigenesis in APC(Min) mice fed suboptimal levels of sulindac. <i>Journal of Agricultural and Food Chemistry</i> , <b>2006</b> , 54, 9322-8	5.7	76
31	Prevention of precancerous colonic lesions in rats by soy flakes, soy flour, genistein, and calcium. <i>American Journal of Clinical Nutrition</i> , <b>1998</b> , 68, 1394S-1399S	7	68
30	Dietary fiber for cats: in vitro fermentation of selected fiber sources by cat fecal inoculum and in vivo utilization of diets containing selected fiber sources and their blends. <i>Journal of Animal Science</i> , <b>1995</b> , 73, 2329-39	0.7	62
29	Patulin surveillance in apple cider and juice marketed in Michigan. <i>Journal of Food Protection</i> , <b>2009</b> , 72, 1255-61	2.5	52
28	Short-chain fatty acid production and fiber degradation by human colonic bacteria: effects of substrate and cell wall fractionation procedures. <i>Journal of Nutrition</i> , <b>1992</b> , 122, 1508-20	4.1	51
27	Fermentation of dietary fibre by human colonic bacteria: disappearance of, short-chain fatty acid production from, and potential water-holding capacity of, various substrates. <i>Scandinavian Journal of Gastroenterology</i> , <b>1993</b> , 28, 249-55	2.4	47
26	Neutral monosaccharide composition of various fibrous substrates: a comparison of hydrolytic procedures and use of anion-exchange high-performance liquid chromatography with pulsed amperometric detection of monosaccharides. <i>Journal of Agricultural and Food Chemistry</i> , <b>1989</b> , 37, 1287-1293	5.7	44
25	Effects of intake and forage level on site and extent of digestion of plant cell wall monomeric components by sheep. <i>Journal of Animal Science</i> , <b>1990</b> , 68, 2479-95	0.7	39
24	Disappearance of cell wall monomeric components from fractions chemically isolated from alfalfa leaves and stems following in-situ ruminal digestion. <i>Journal of the Science of Food and Agriculture</i> , <b>1992</b> , 58, 451-463	4.3	27
23	Digestion of cell wall components by dairy heifers fed diets based on alfalfa and chemically treated oat hulls. <i>Journal of Dairy Science</i> , <b>1991</b> , 74, 1026-37	4	26

22	Ruminal digestion and glycosyl linkage patterns of cell wall components from leaf and stem fractions of alfalfa, orchardgrass, and wheat straw. <i>Journal of Animal Science</i> , <b>1994</b> , 72, 1362-74	0.7	22
21	Isolation and chemical analyses of nonfermented fiber fractions of oat hulls and cottonseed hulls. <i>Journal of Animal Science</i> , <b>1991</b> , 69, 1255-71	0.7	19
20	Galacturonate in Pectic Substances from Fruits and Vegetables: Comparison of Anion Exchange HPLC with Pulsed Amperometric Detection to Standard Colorimetric Procedure. <i>Journal of Food Science</i> , <b>1991</b> , 56, 423-426	3.4	17
19	Brown midrib-3 corn silage improves digestion but not performance of growing beef steers. <i>Journal of Animal Science</i> , <b>2000</b> , 78, 2957-65	0.7	16
18	Alteration of the fiber and lipid components of a defined-formula diet: effects on stool characteristics, nutrient digestibility, mineral balance, and energy metabolism in humans. <i>American Journal of Clinical Nutrition</i> , <b>1995</b> , 62, 1252-60	7	16
17	High sucrose diets promote intestinal epithelial cell proliferation and tumorigenesis in APC(Min) mice by increasing insulin and IGF-I levels. <i>Nutrition and Cancer</i> , <b>2009</b> , 61, 81-93	2.8	15
16	Neutral detergent fiber concentration in corn silage influences dry matter intake, diet digestibility, and performance of Angus and Holstein steers. <i>Journal of Animal Science</i> , <b>2002</b> , 80, 841-6	0.7	15
15	Portal and hepatic fluxes in sheep and concentrations in cattle ruminal fluid of 3-(4-hydroxyphenyl)propionic, benzoic, 3-phenylpropionic, and trans-cinnamic acids. <i>Journal of Animal Science</i> , <b>1995</b> , 73, 1766-75	0.7	12
14	Forage level and particle size effects on orchardgrass digestion by steers: I. Site and extent of organic matter, nitrogen, and cell wall digestion. <i>Journal of Animal Science</i> , <b>1994</b> , 72, 746-58	0.7	12
13	Dietary carbohydrate source alters gene expression profile of intestinal epithelium in mice. <i>Nutrition and Cancer</i> , <b>2009</b> , 61, 146-55	2.8	11
12	Intake, Digestibility, and In Situ Digestion Kinetics of Treated Wheat Straw and Alfalfa Mixtures Fed to Holstein Heifers. <i>Journal of Dairy Science</i> , <b>1991</b> , 74, 3524-3534	4	11
11	Effect of Postharvest Application of Aloe Vera Gel on Shelf Life, Activities of Anti-Oxidative Enzymes, and Quality of SgolaSGuava Fruit. <i>Foods</i> , <b>2020</b> , 9,	4.9	11
10	Is HACCP Nothing? A Disjoint Constitution between Inspectors, Processors, and Consumers and the Cider Industry in Michigan. <i>Agriculture and Human Values</i> , <b>2006</b> , 23, 205-214	2.7	9
9	Neutral detergent fiber concentration of corn silage and rumen inert bulk influences dry matter intake and ruminal digesta kinetics of growing steers. <i>Journal of Animal Science</i> , <b>2002</b> , 80, 833-40	0.7	9
8	Microbial levels in Michigan apple cider and their association with manufacturing practices. <i>Journal of Food Protection</i> , <b>2007</b> , 70, 1187-93	2.5	8
7	Potential sources of food hazards in emerging commercial aquaculture industry in sub-Saharan Africa: a case study for Uganda. <i>International Journal of Food Science and Technology</i> , <b>2009</b> , 44, 1677-1687	3.8	6
6	Forage level and particle size effects on orchardgrass digestion by steers: II. Ruminal digestion kinetics of cell wall components. <i>Journal of Animal Science</i> , <b>1994</b> , 72, 759-67	0.7	6
5	Processes of Digestion and Factors Influencing Digestion of Forage-Based Diets by Ruminants. <i>Assa, Cssa and Sssa</i> , <b>2015</b> , 564-612	0.3	4

4	Relationship of Arsenic and Lead in Soil with Fruit and Leaves of Apple Trees at Selected Orchards in Michigan. <i>Journal of Food Protection</i> , <b>2020</b> , 83, 935-942	2.5	1
3	A flavonoid-rich apple extract inhibits growth of HCT116 human colon cancer cells. <i>FASEB Journal</i> , <b>2013</b> , 27, 1079.38	0.9	
2	Influence of apple pomace and its fractions on intestinal tumor development in APC Min/+ mice. <i>FASEB Journal</i> , <b>2013</b> , 27, 863.11	0.9	
1	Is Food Insecurity Associated with Elevated Glycosylated Hemoglobin among Adults Diagnosed with Type 2 Diabetes Mellitus in Malawi?. <i>Journal of Hunger and Environmental Nutrition</i> , 1-15	1.5	