

Julie M Clarke

List of Publications by Year in descending order

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36
papers

7,725
citations

279487

23
h-index

315357

38
g-index

39
all docs

39
docs citations

39
times ranked

11442
citing authors

#	ARTICLE	IF	CITATIONS
1	Commensal microbe-derived butyrate induces the differentiation of colonic regulatory T cells. <i>Nature</i> , 2013, 504, 446-450.	13.7	3,901
2	Bifidobacteria can protect from enteropathogenic infection through production of acetate. <i>Nature</i> , 2011, 469, 543-547.	13.7	1,836
3	Gut microbial metabolites limit the frequency of autoimmune T cells and protect against type 1 diabetes. <i>Nature Immunology</i> , 2017, 18, 552-562.	7.0	551
4	Resistant Starches Protect against Colonic DNA Damage and Alter Microbiota and Gene Expression in Rats Fed a Western Diet. <i>Journal of Nutrition</i> , 2012, 142, 832-840.	1.3	103
5	Butyrate esterified to starch is released in the human gastrointestinal tract. <i>American Journal of Clinical Nutrition</i> , 2011, 94, 1276-1283.	2.2	99
6	Effects of high-amylose maize starch and butyrylated high-amylose maize starch on azoxymethane-induced intestinal cancer in rats. <i>Carcinogenesis</i> , 2008, 29, 2190-2194.	1.3	96
7	Effect of interleukin-11 on ameliorating intestinal damage after methotrexate treatment of breast cancer in rats. <i>Digestive Diseases and Sciences</i> , 2002, 47, 2751-2757.	1.1	89
8	The effect of keratinocyte growth factor on tumour growth and small intestinal mucositis after chemotherapy in the rat with breast cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2002, 50, 53-58.	1.1	85
9	Butyrate delivered by butyrylated starch increases distal colonic epithelial apoptosis in carcinogen-treated rats. <i>Carcinogenesis</i> , 2012, 33, 197-202.	1.3	79
10	Structural modifications of granular starch upon acylation with short-chain fatty acids. <i>Food Hydrocolloids</i> , 2009, 23, 1940-1946.	5.6	78
11	Excretion of starch and esterified short-chain fatty acids by ileostomy subjects after the ingestion of acylated starches. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 1146-1151.	2.2	75
12	Microbiota-derived butyrate limits the autoimmune response by promoting the differentiation of follicular regulatory T cells. <i>EBioMedicine</i> , 2020, 58, 102913.	2.7	74
13	Butyrylated starch protects colonocyte DNA against dietary protein-induced damage in rats. <i>Carcinogenesis</i> , 2008, 29, 2169-2174.	1.3	60
14	Dietary Fat and Fiber Alter Large Bowel and Portal Venous Volatile Fatty Acids and Plasma Cholesterol but Not Biliary Steroids in Pigs. <i>Journal of Nutrition</i> , 1993, 123, 133-143.	1.3	58
15	Plasma lipids and large bowel volatile fatty acids in pigs fed on white rice, brown rice and rice bran. <i>British Journal of Nutrition</i> , 1993, 70, 503-513.	1.2	57
16	Butyrylated starch is less susceptible to enzymic hydrolysis and increases large-bowel butyrate more than high-amylose maize starch in the rat. <i>British Journal of Nutrition</i> , 2006, 96, 276-282.	1.2	49
17	Commensal microbe-derived acetate suppresses NAFLD/NASH development via hepatic FFAR2 signalling in mice. <i>Microbiome</i> , 2021, 9, 188.	4.9	48
18	Use of the ¹³ C-sucrose breath test to assess chemotherapy-induced small intestinal mucositis in the rat. <i>Cancer Biology and Therapy</i> , 2006, 5, 34-38.	1.5	46

#	ARTICLE	IF	CITATIONS
19	Exposure of oral mucosa to bioactive milk factors reduces severity of chemotherapy-induced mucositis in the hamster. <i>Oral Oncology</i> , 2002, 38, 478-485.	0.8	41
20	Butyrylated starch increases large bowel butyrate levels and lowers colonic smooth muscle contractility in rats. <i>Nutrition Research</i> , 2010, 30, 427-434.	1.3	36
21	Butyrylated starch increases colonic butyrate concentration but has limited effects on immunity in healthy physically active individuals. <i>Exercise Immunology Review</i> , 2013, 19, 102-19.	0.4	34
22	Dietary resistant and butyrylated starches have different effects on the faecal bacterial flora of azoxymethane-treated rats. <i>British Journal of Nutrition</i> , 2011, 105, 1480-1485.	1.2	27
23	An acetate-yielding diet imprints an immune and anti-microbial programme against enteric infection. <i>Clinical and Translational Immunology</i> , 2021, 10, e1233.	1.7	23
24	Evaluation of bovine lactoferrin as a topical therapy for chemotherapy-induced mucositis in the golden Syrian hamster. <i>Oral Oncology</i> , 1999, 35, 197-202.	0.8	19
25	Butyrylated starch affects colorectal cancer markers beneficially and dose-dependently in genotoxin-treated rats. <i>Cancer Biology and Therapy</i> , 2014, 15, 1515-1523.	1.5	19
26	Effect of mucin 4 allele on susceptibility to experimental infection with enterotoxigenic F4 <i>Escherichia coli</i> in pigs fed experimental diets. <i>Journal of Animal Science and Biotechnology</i> , 2019, 10, 56.	2.1	15
27	Genomic homeostasis is dysregulated in favour of apoptosis in the colonic epithelium of the azoxymethane treated rat. <i>BMC Physiology</i> , 2013, 13, 2.	3.6	11
28	Housing experimental rats in solid-based cages with digestible bedding may confound outcomes of nutritional studies. <i>Journal of the Science of Food and Agriculture</i> , 2015, 95, 2155-2158.	1.7	11
29	Is the tissue persistence of O6-methyl-2-deoxyguanosine an indicator of tumour formation in the gastrointestinal tract?. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2011, 721, 119-126.	0.9	10
30	Lowering of Large Bowel Butyrate Levels in Healthy Populations Is Unlikely to Be Beneficial. <i>Journal of Nutrition</i> , 2015, 145, 1030-1031.	1.3	8
31	Dietary butyrylated high-amylose starch reduces azoxymethane-induced colonic O 6 -methylguanine adducts in rats as measured by immunohistochemistry and high-pressure liquid chromatography. <i>Nutrition Research</i> , 2016, 36, 982-988.	1.3	8
32	Dietary supplementation of propionylated starch to domestic cats provides propionic acid as gluconeogenic substrate potentially sparing the amino acid valine. <i>Journal of Nutritional Science</i> , 2014, 3, e16.	0.7	4
33	Acetylated High Amylose Maize Starch Improves the Efficacy of Oral Rehydration Solution in a Rat Model of Cholera. <i>Gastroenterology</i> , 2011, 140, S-134.	0.6	2
34	Tu2012 Esterified Starch As a Treatment for Acute Gastroenteritis - A Double Blind Randomized Controlled Trial. <i>Gastroenterology</i> , 2013, 144, S-904.	0.6	2
35	Can indole-based extracts prevent colorectal cancer via early apoptotic pathways?. <i>Cancer Biology and Therapy</i> , 2010, 9, 380-382.	1.5	1
36	<i>Microbes, Metabolites and Health</i> . , 2016, , 13-48.		0