

# Pauline M Anton

## List of Publications by Year in descending order

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44  
papers

1,434  
citations

471477

17  
h-index

315719

38  
g-index

44  
all docs

44  
docs citations

44  
times ranked

2017  
citing authors

#	ARTICLE	IF	CITATIONS
1	Developmentally regulated $\text{I}\hat{\text{I}}^{\text{B}}$ expression in intestinal epithelium and susceptibility to flagellin-induced inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 7404-7408.	7.1	203
2	Clostridium difficile toxin B is an inflammatory enterotoxin in human intestine. Gastroenterology, 2003, 125, 413-420.	1.3	200
3	Saccharomyces boulardii produces a soluble anti-inflammatory factor that inhibits $\text{NF-}\hat{\text{I}}^{\text{B}}$ -mediated IL-8 gene expression. Biochemical and Biophysical Research Communications, 2006, 343, 69-76.	2.1	162
4	Corticotropin-releasing hormone antagonists possess anti-inflammatory effects in the mouse ileum. Gastroenterology, 2002, 123, 505-515.	1.3	74
5	Development of a new microfluidic platform integrating co-cultures of intestinal and liver cell lines. Toxicology in Vitro, 2014, 28, 885-895.	2.4	72
6	Digestibility of extruded proteins and metabolic transit of $\text{N}\hat{\mu}$ -carboxymethyllysine in rats. Amino Acids, 2013, 44, 1441-1449.	2.7	68
7	Rifalazil Treats and Prevents Relapse of Clostridium difficile -Associated Diarrhea in Hamsters. Antimicrobial Agents and Chemotherapy, 2004, 48, 3975-3979.	3.2	62
8	Study of hypothalamic leptin receptor expression in low-birth-weight piglets and effects of leptin supplementation on neonatal growth and development. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E1117-E1125.	3.5	62
9	Corticotropin-releasing hormone (CRH) requirement in Clostridium difficile toxin A-mediated intestinal inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8503-8508.	7.1	60
10	Urocortin II mediates pro-inflammatory effects in human colonocytes via corticotropin-releasing hormone receptor 2. Gut, 2007, 56, 1210-1217.	12.1	60
11	Leptin mediates Clostridium difficile toxin A-induced enteritis in mice. Gastroenterology, 2003, 124, 683-691.	1.3	49
12	Juvenile ferric iron prevents microbiota dysbiosis and colitis in adult rodents. World Journal of Gastroenterology, 2012, 18, 2619.	3.3	45
13	Protective effect of dietary nitrate on experimental gastritis in rats. British Journal of Nutrition, 2003, 89, 777-786.	2.3	39
14	Topical antisense oligonucleotide therapy against LIX, an enterocyte-expressed CXC chemokine, reduces murine colitis. American Journal of Physiology - Renal Physiology, 2005, 289, G1075-G1083.	3.4	31
15	Repeated Oral Exposure to $\text{N}\hat{\mu}$ -Carboxymethyllysine, a Maillard Reaction Product, Alleviates Gut Microbiota Dysbiosis in Colitic Mice. Digestive Diseases and Sciences, 2017, 62, 3370-3384.	2.3	28
16	Gut Microbiota Modulation by Dietary Barley Malt Melanoidins. Nutrients, 2020, 12, 241.	4.1	28
17	Fecal excretion of Maillard reaction products and the gut microbiota composition of rats fed with bread crust or bread crumb. Food and Function, 2017, 8, 2722-2730.	4.6	18
18	Time course gene expression in the one-carbon metabolism network using HepG2 cell line grown in folate-deficient medium. Journal of Nutritional Biochemistry, 2009, 20, 312-320.	4.2	16

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19	Highly heated food rich in Maillard reaction products limit an experimental colitis in mice. <i>Food and Function</i> , 2012, 3, 941.	4.6	16
20	Role of capsaicin-sensitive afferent nerves in different models of gastric inflammation in rats. <i>Autonomic Neuroscience: Basic and Clinical</i> , 2004, 110, 89-97.	2.8	15
21	Microbiota profiles and dynamics in fermented plant-based products and preliminary assessment of their in vitro gut microbiota modulation. <i>Food Frontiers</i> , 2021, 2, 268-281.	7.4	14
22	Chronic low-level administration of diquat increases the nociceptive response to gastric distension in rats: role of mast cells and tachykinin receptor activation. <i>Pain</i> , 2001, 92, 219-227.	4.2	13
23	Chronic ingestion of a potential food contaminant induces gastrointestinal inflammation in rats: role of nitric oxide and mast cells. <i>Digestive Diseases and Sciences</i> , 2000, 45, 1842-1849.	2.3	12
24	Multiparametric temporal analysis of the Caco-2/TC7 demonstrated functional and differentiated monolayers as early as 14 days of culture. <i>European Journal of Pharmaceutical Sciences</i> , 2015, 72, 1-11.	4.0	12
25	Early exposure to food contaminants reshapes maturation of the human brain-gut-microbiota axis. <i>World Journal of Gastroenterology</i> , 2020, 26, 3145-3169.	3.3	12
26	Effect of Advanced Glycation End-Products and Excessive Calorie Intake on Diet-Induced Chronic Low-Grade Inflammation Biomarkers in Murine Models. <i>Nutrients</i> , 2021, 13, 3091.	4.1	9
27	Pathways involved in mild gastrointestinal inflammation induced by a low level exposure to a food contaminant. <i>Digestive Diseases and Sciences</i> , 2002, 47, 1308-1315.	2.3	8
28	Prevention of Adult Colitis by Oral Ferric Iron in Juvenile Mice Is Associated with the Inhibition of the Tbet Promoter Hypomethylation and Gene Overexpression. <i>Nutrients</i> , 2019, 11, 1758.	4.1	8
29	Low-Level Exposure to Diquat Induces a Neurally Mediated Intestinal Hypersecretion in Rats: Involvement of Nitric Oxide and Mast Cells. <i>Toxicology and Applied Pharmacology</i> , 1998, 152, 77-82.	2.8	7
30	Reduction of the nociceptive response to gastric distension by nitrate ingestion in rats. <i>Alimentary Pharmacology and Therapeutics</i> , 1999, 13, 1235-1241.	3.7	6
31	How advanced are we on the consequences of oral exposure to food contaminants on the occurrence of chronic non communicable diseases?. <i>Chemosphere</i> , 2022, 303, 135260.	8.2	6
32	Maillard reaction products from highly heated food prevent mast cell number increase and inflammation in a mouse model of colitis. <i>Nutrition Research</i> , 2017, 48, 26-32.	2.9	5
33	Perinatal exposure to chlorpyrifos and/or a high-fat diet is associated with liver damage in male rat offspring. <i>Cells and Development</i> , 2021, 166, 203678.	1.5	4
34	Plasma Levels of Free N <sup>ε</sup> -Carboxymethyllysine (CML) after Different Oral Doses of CML in Rats and after the Intake of Different Breakfasts in Humans: Postprandial Plasma Level of sRAGE in Humans. <i>Nutrients</i> , 2022, 14, 1890.	4.1	4
35	Food Contaminants Effects on an In Vitro Model of Human Intestinal Epithelium. <i>Toxics</i> , 2021, 9, 135.	3.7	3
36	Protective effect of dietary nitric oxide on experimental gastritis in rats. <i>Gastroenterology</i> , 2000, 118, A793.	1.3	1

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37	Leptin plays an anti-inflammatory role in acute pancreatitis. <i>Gastroenterology</i> , 2003, 124, A502-A503.	1.3	1
38	AGEs exogènes, inflammation et allergie. <i>Medecine Des Maladies Metaboliques</i> , 2019, 13, 607-611.	0.1	1
39	Protective effect of intraluminal nitric oxide in experimental colitis in rats. <i>Gastroenterology</i> , 2000, 118, A794.	1.3	0
40	Rifalazil prevents and treats <i>Clostridium difficile</i> -associated infection in hamsters. <i>Gastroenterology</i> , 2003, 124, A558.	1.3	0
41	<i>Clostridium difficile</i> toxin A-induced enterotoxicity is dependent on a functional enterogial cell network in adult transgenic mice. <i>Gastroenterology</i> , 2003, 124, A499.	1.3	0
42	Role of capsaicin sensitive afferent nerves in different models of gastric inflammation in rats. <i>Gastroenterology</i> , 2003, 124, A450.	1.3	0
43	<i>Clostridium difficile</i> toxin A and proinflammatory cytokines stimulate corticotropin-releasing hormone receptor 2 (CRHR2) expression in human colonic epithelial cells. <i>Gastroenterology</i> , 2003, 124, A9.	1.3	0
44	Maillard Reactions Products From Thermally Processed Foods Contributes to Limitation of Experimental Colitis in Mice. <i>Gastroenterology</i> , 2011, 140, S-331.	1.3	0