Martin Beaumont

List of Publications by Year
in descending order

33 papers	1,853 citations	304368 22 h-index	395343 33 g-index
35 all docs	35 docs citations	35 times ranked	2763 citing authors

#	Article	IF	Citations
1	Gut microbiota role in dietary protein metabolism and health-related outcomes: The two sides of the coin. Trends in Food Science and Technology, 2016, 57, 213-232.	7.8	237
2	Quantity and source of dietary protein influence metabolite production by gut microbiota and rectal mucosa gene expression: a randomized, parallel, double-blind trial in overweight humans. American Journal of Clinical Nutrition, 2017, 106, 1005-1019.	2.2	168
3	The gut microbiota metabolite indole alleviates liver inflammation in mice. FASEB Journal, 2018, 32, 6681-6693.	0.2	137
4	Cysteine-derived hydrogen sulfide and gut health. Current Opinion in Clinical Nutrition and Metabolic Care, 2019, 22, 68-75.	1.3	119
5	Detrimental effects for colonocytes of an increased exposure to luminal hydrogen sulfide: The adaptive response. Free Radical Biology and Medicine, 2016, 93, 155-164.	1.3	111
6	The deleterious metabolic and genotoxic effects of the bacterial metabolite p-cresol on colonic epithelial cells. Free Radical Biology and Medicine, 2015, 85, 219-227.	1.3	108
7	Changes in the Luminal Environment of the Colonic Epithelial Cells and Physiopathological Consequences. American Journal of Pathology, 2017, 187, 476-486.	1.9	82
8	High-protein diets for weight management: Interactions with the intestinal microbiota and consequences for gut health. A position paper by the my new gut study group. Clinical Nutrition, 2019, 38, 1012-1022.	2.3	82
9	Nutritional interest of dietary fiber and prebiotics in obesity: Lessons from the MyNewGut consortium. Clinical Nutrition, 2020, 39, 414-424.	2.3	77
10	The DPP-4 inhibitor vildagliptin impacts the gut microbiota and prevents disruption of intestinal homeostasis induced by a Western diet in mice. Diabetologia, 2018, 61, 1838-1848.	2.9	76
11	Gut microbiota derived metabolites contribute to intestinal barrier maturation at the suckling-to-weaning transition. Gut Microbes, 2020, 11, 1268-1286.	4.3	72
12	Dietary Protein and Amino Acid Supplementation in Inflammatory Bowel Disease Course: What Impact on the Colonic Mucosa?. Nutrients, 2017, 9, 310.	1.7	60
13	Amino Acids in Intestinal Physiology and Health. Advances in Experimental Medicine and Biology, 2020, 1265, 1-20.	0.8	53
14	Functional Amino Acids in Pigs and Chickens: Implication for Gut Health. Frontiers in Veterinary Science, 2021, 8, 663727.	0.9	49
15	Intestinal organoids in farm animals. Veterinary Research, 2021, 52, 33.	1.1	48
16	The Potential Role of the Dipeptidyl Peptidase-4-Like Activity From the Gut Microbiota on the Host Health. Frontiers in Microbiology, 2018, 9, 1900.	1.5	47
17	A proposed framework for an appropriate evaluation scheme for microorganisms as novel foods with a health claim in Europe. Microbial Cell Factories, 2015, 14, 48.	1.9	44
18	Mucosal Healing in Inflammatory Bowel Diseases. Inflammatory Bowel Diseases, 2015, 21, 198-207.	0.9	36

#	Article	IF	Citations
19	Gut Microbiota-Derived Metabolite Signature in Suckling and Weaned Piglets. Journal of Proteome Research, 2021, 20, 982-994.	1.8	31
20	Towards microbiome-informed dietary recommendations for promoting metabolic and mental health: Opinion papers of the MyNewGut project. Clinical Nutrition, 2018, 37, 2191-2197.	2.3	29
21	Epithelial response to a high-protein diet in rat colon. BMC Genomics, 2017, 18, 116.	1.2	27
22	Effect of a proanthocyanidin-rich polyphenol extract from avocado on the production of amino acid-derived bacterial metabolites and the microbiota composition in rats fed a high-protein diet. Food and Function, 2019, 10, 4022-4035.	2.1	25
23	Beneficial Effects of an Amino Acid Mixture on Colonic Mucosal Healing in Rats. Inflammatory Bowel Diseases, 2013, 19, 2895-2905.	0.9	23
24	Proanthocyanidin-containing polyphenol extracts from fruits prevent the inhibitory effect of hydrogen sulfide on human colonocyte oxygen consumption. Amino Acids, 2018, 50, 755-763.	1.2	18
25	Protective Effect of an Avocado Peel Polyphenolic Extract Rich in Proanthocyanidins on the Alterations of Colonic Homeostasis Induced by a High-Protein Diet. Journal of Agricultural and Food Chemistry, 2019, 67, 11616-11626.	2.4	18
26	Lipoâ€Protein Emulsion Structure in the Diet Affects Protein Digestion Kinetics, Intestinal Mucosa Parameters and Microbiota Composition. Molecular Nutrition and Food Research, 2018, 62, 1700570.	1.5	16
27	Structure of protein emulsion in food impacts intestinal microbiota, caecal luminal content composition and distal intestine characteristics in rats. Molecular Nutrition and Food Research, 2017, 61, 1700078.	1.5	12
28	Culture of rabbit caecum organoids by reconstituting the intestinal stem cell niche in vitro with pharmacological inhibitors or L-WRN conditioned medium. Stem Cell Research, 2020, 48, 101980.	0.3	11
29	Shortâ€chain fatty acids and bile acids in human faeces are associated with the intestinal cholesterol conversion status. British Journal of Pharmacology, 2021, 178, 3342-3353.	2.7	11
30	A mix of functional amino acids and grape polyphenols promotes the growth of piglets, modulates the gut microbiota in vivo and regulates epithelial homeostasis in intestinal organoids. Amino Acids, 2022, 54, 1357-1369.	1.2	11
31	Pathogen Challenge and Dietary Shift Alter Microbiota Composition and Activity in a Mucin-Associated in vitro Model of the Piglet Colon (MPigut-IVM) Simulating Weaning Transition. Frontiers in Microbiology, 2021, 12, 703421.	1.5	8
32	Developmental Stage, Solid Food Introduction, and Suckling Cessation Differentially Influence the Comaturation of the Gut Microbiota and Intestinal Epithelium in Rabbits. Journal of Nutrition, 2022, 152, 723-736.	1.3	5
33	Early Introduction of Plant Polysaccharides Drives the Establishment of Rabbit Gut Bacterial Ecosystems and the Acquisition of Microbial Functions. MSystems, 2022, 7, .	1.7	2