StÃ©phanie Blanquet-Diot

List of Publications by Year
in descending order

36 papers	1,889 citations	471061 17 h-index	414034 32 g-index
39 all docs	39 docs citations	39 times ranked	2312 citing authors

#	Article	IF	Citations
1	In vitro models of gut digestion across childhood: current developments, challenges and future trends. Biotechnology Advances, 2022, 54, 107796.	6.0	11
2	Impact of Microplastics in Human Health. , 2022, , 953-976.		0
3	Lentils and Yeast Fibers: A New Strategy to Mitigate Enterotoxigenic Escherichia coli (ETEC) Strain H10407 Virulence?. Nutrients, 2022, 14, 2146.	1.7	0
4	Tripartite relationship between gut microbiota, intestinal mucus and dietary fibers: towards preventive strategies against enteric infections. FEMS Microbiology Reviews, 2021, 45, .	3.9	27
5	Impact of Microplastics in Human Health. , 2021, , 1-25.		1
6	Use of the Dynamic TIM-1 Model for an In-Depth Understanding of the Survival and Virulence Gene Expression of Shiga Toxin-Producing Escherichia coli in the Human Stomach and Small Intestine. Methods in Molecular Biology, 2021, 2291, 297-315.	0.4	2
7	An Oral FMT Capsule as Efficient as an Enema for Microbiota Reconstruction Following Disruption by Antibiotics, as Assessed in an In Vitro Human Gut Model. Microorganisms, 2021, 9, 358.	1.6	14
8	Identification of Streptococcus thermophilus Genes Specifically Expressed under Simulated Human Digestive Conditions Using R-IVET Technology. Microorganisms, 2021, 9, 1113.	1.6	1
9	Weaning-associated feed deprivation stress causes microbiota disruptions in a novel mucin-containing in vitro model of the piglet colon (MPigut-IVM). Journal of Animal Science and Biotechnology, 2021, 12, 75.	2.1	7
10	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
11	Microplastics in the human digestive environment: A focus on the potential and challenges facing in vitro gut model development. Journal of Hazardous Materials, 2021, 415, 125632.	6.5	74
12	Saccharomyces Cerevisiae Var Boulardii CNCM Iâ€“1079 Reduces Expression of Genes Involved in Inflammatory Response in Porcine Cells Challenged by Enterotoxigenic E. Coli and Influences Bacterial Communities in an In Vitro Model of the Weaning Piglet Colon. Antibiotics, 2021, 10, 1101.	1.5	0
13	Nitric Oxide Impacts Human Gut Microbiota Diversity and Functionalities. MSystems, 2021, 6, e0055821.	1.7	13
14	In Vitro Evaluation of Dietary Fiber Anti-Infectious Properties against Food-Borne Enterotoxigenic Escherichia coli. Nutrients, 2021, 13, 3188.	1.7	5
15	Multi-targeted properties of the probiotic saccharomyces cerevisiae CNCM I-3856 against enterotoxigenic escherichia coli (ETEC) H10407 pathogenesis across human gut models. Gut Microbes, 2021, 13, 1953246.	4.3	12
16	Spatial and temporal modulation of enterotoxigenic E. coli H10407 pathogenesis and interplay with microbiota in human gut models. BMC Biology, 2020, 18, 141.	1.7	19
17	Comparative methods for fecal sample storage to preserve gut microbial structure and function in an in vitro model of the human colon. Applied Microbiology and Biotechnology, 2020, 104, 10233-10247.	1.7	36
18	Microbiota Composition and Functional Profiling Throughout the Gastrointestinal Tract of Commercial Weaning Piglets. Microorganisms, 2019, 7, 343.	1.6	61

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19	Experimental models to study intestinal microbesâ€“mucus interactions in health and disease. FEMS Microbiology Reviews, 2019, 43, 457-489.	3.9	114
20	Bacteriophages as modulator for the human gut microbiota: Release from dairy food systems and survival in a dynamic human gastrointestinal model. LWT - Food Science and Technology, 2018, 91, 235-241.	2.5	10
21	Modulation of Enterohaemorrhagic Escherichia coli Survival and Virulence in the Human Gastrointestinal Tract. Microorganisms, 2018, 6, 115.	1.6	40
22	Development and validation of a new dynamic in vitro model of the piglet colon (PigutIVM): application to the study of probiotics. Applied Microbiology and Biotechnology, 2017, 101, 2533-2547.	1.7	14
23	Gut Microbiota Dysbiosis in Postweaning Piglets: Understanding the Keys to Health. Trends in Microbiology, 2017, 25, 851-873.	3.5	591
24	Enterohemorrhagic Escherichia coli pathogenesis: role of Long polar fimbriae in Peyerâ€™s patches interactions. Scientific Reports, 2017, 7, 44655.	1.6	30
25	Foodborne enterotoxigenic Escherichia coli: from gut pathogenesis to new preventive strategies involving probiotics. Future Microbiology, 2017, 12, 73-93.	1.0	18
26	Probiotic and enterohemorrhagic Escherichia coli: An effective strategy against a deadly enemy?. Critical Reviews in Microbiology, 2017, 43, 116-132.	2.7	11
27	Development and validation of a new dynamic computerâ€controlled model of the human stomach and small intestine. Biotechnology and Bioengineering, 2016, 113, 1325-1335.	1.7	40
28	Increased EHEC survival and virulence gene expression indicate an enhanced pathogenicity upon simulated pediatric gastrointestinal conditions. Pediatric Research, 2016, 80, 734-743.	1.1	25
29	Use of the dynamic gastro-intestinal model TIM to explore the survival of the yogurt bacterium Streptococcus thermophilus and the metabolic activities induced in the simulated human gut. Food Microbiology, 2016, 53, 18-29.	2.1	31
30	Dynamic In Vitro Models of the Human Gastrointestinal Tract as Relevant Tools to Assess the Survival of Probiotic Strains and Their Interactions with Gut Microbiota. Microorganisms, 2015, 3, 725-745.	1.6	76
31	Genome Sequence and Annotation of a Human Infection Isolate of Escherichia coli O26:H11 Involved in a Raw Milk Cheese Outbreak. Genome Announcements, 2015, 3, .	0.8	10
32	Survival of pathogenic and lactobacilli species of fermented olives during simulated human digestion. Frontiers in Microbiology, 2014, 5, 540.	1.5	9
33	Survival of Escherichia coli O26:H11 exceeds that of Escherichia coli O157:H7 as assessed by simulated human digestion of contaminated raw milk cheeses. International Journal of Food Microbiology, 2014, 172, 40-48.	2.1	32
34	Relevance and challenges in modeling human gastric and small intestinal digestion. Trends in Biotechnology, 2012, 30, 591-600.	4.9	417
35	Use of Artificial Digestive Systems to Investigate the Biopharmaceutical Factors Influencing the Survival of Probiotic Yeast During Gastrointestinal Transit in Humans. Pharmaceutical Research, 2012, 29, 1444-1453.	1.7	54
36	Effect of a New Probiotic Saccharomyces cerevisiae Strain on Survival of Escherichia coli O157:H7 in a Dynamic Gastrointestinal Model. Applied and Environmental Microbiology, 2011, 77, 1127-1131.	1.4	75