

StÃ©phanie Blanquet-Diot

List of Publications by Year in descending order

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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	Gut Microbiota Dysbiosis in Postweaning Piglets: Understanding the Keys to Health. Trends in Microbiology, 2017, 25, 851-873.	3.5	591
2	Relevance and challenges in modeling human gastric and small intestinal digestion. Trends in Biotechnology, 2012, 30, 591-600.	4.9	417
3	Experimental models to study intestinal microbesâ€“mucus interactions in health and disease. FEMS Microbiology Reviews, 2019, 43, 457-489.	3.9	114
4	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
5	Effect of a New Probiotic <i>Saccharomyces cerevisiae</i> Strain on Survival of <i>Escherichia coli</i> O157:H7 in a Dynamic Gastrointestinal Model. Applied and Environmental Microbiology, 2011, 77, 1127-1131.	1.4	75
6	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
7	Microbiota Composition and Functional Profiling Throughout the Gastrointestinal Tract of Commercial Weaning Piglets. Microorganisms, 2019, 7, 343.	1.6	61
8	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
9	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
10	Modulation of Enterohaemorrhagic <i>Escherichia coli</i> Survival and Virulence in the Human Gastrointestinal Tract. Microorganisms, 2018, 6, 115.	1.6	40
11	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
12	Survival of <i>Escherichia coli</i> O26:H11 exceeds that of <i>Escherichia coli</i> 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
13	Use of the dynamic gastro-intestinal model TIM to explore the survival of the yogurt bacterium <i>Streptococcus thermophilus</i> and the metabolic activities induced in the simulated human gut. Food Microbiology, 2016, 53, 18-29.	2.1	31
14	Enterohemorrhagic <i>Escherichia coli</i> pathogenesis: role of Long polar fimbriae in Peyerâ€™s patches interactions. Scientific Reports, 2017, 7, 44655.	1.6	30
15	Tripartite relationship between gut microbiota, intestinal mucus and dietary fibers: towards preventive strategies against enteric infections. FEMS Microbiology Reviews, 2021, 45, .	3.9	27
16	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
17	Spatial and temporal modulation of enterotoxigenic <i>E. coli</i> H10407 pathogenesis and interplay with microbiota in human gut models. BMC Biology, 2020, 18, 141.	1.7	19
18	Foodborne enterotoxigenic <i>Escherichia coli</i> : from gut pathogenesis to new preventive strategies involving probiotics. Future Microbiology, 2017, 12, 73-93.	1.0	18

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19	Development and validation of a new dynamic in vitro model of the piglet colon (PigutIVM): application to the study of probiotics. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 2533-2547.	1.7	14
20	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. <i>Microorganisms</i> , 2021, 9, 358.	1.6	14
21	Nitric Oxide Impacts Human Gut Microbiota Diversity and Functionalities. <i>MSystems</i> , 2021, 6, e0055821.	1.7	13
22	Multi-targeted properties of the probiotic <i>Saccharomyces cerevisiae</i> CNCM I-3856 against enterotoxigenic <i>Escherichia coli</i> (ETEC) H10407 pathogenesis across human gut models. <i>Gut Microbes</i> , 2021, 13, 1953246.	4.3	12
23	Probiotic and enterohemorrhagic <i>Escherichia coli</i> : An effective strategy against a deadly enemy?. <i>Critical Reviews in Microbiology</i> , 2017, 43, 116-132.	2.7	11
24	In vitro models of gut digestion across childhood: current developments, challenges and future trends. <i>Biotechnology Advances</i> , 2022, 54, 107796.	6.0	11
25	Genome Sequence and Annotation of a Human Infection Isolate of <i>Escherichia coli</i> O26:H11 Involved in a Raw Milk Cheese Outbreak. <i>Genome Announcements</i> , 2015, 3, .	0.8	10
26	Bacteriophages as modulator for the human gut microbiota: Release from dairy food systems and survival in a dynamic human gastrointestinal model. <i>LWT - Food Science and Technology</i> , 2018, 91, 235-241.	2.5	10
27	Survival of pathogenic and lactobacilli species of fermented olives during simulated human digestion. <i>Frontiers in Microbiology</i> , 2014, 5, 540.	1.5	9
28	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. <i>Frontiers in Microbiology</i> , 2021, 12, 703421.	1.5	8
29	Weaning-associated feed deprivation stress causes microbiota disruptions in a novel mucin-containing in vitro model of the piglet colon (MPigut-IVM). <i>Journal of Animal Science and Biotechnology</i> , 2021, 12, 75.	2.1	7
30	In Vitro Evaluation of Dietary Fiber Anti-Infectious Properties against Food-Borne Enterotoxigenic <i>Escherichia coli</i> . <i>Nutrients</i> , 2021, 13, 3188.	1.7	5
31	Use of the Dynamic TIM-1 Model for an In-Depth Understanding of the Survival and Virulence Gene Expression of Shiga Toxin-Producing <i>Escherichia coli</i> in the Human Stomach and Small Intestine. <i>Methods in Molecular Biology</i> , 2021, 2291, 297-315.	0.4	2
32	Impact of Microplastics in Human Health. , 2021, , 1-25.		1
33	Identification of <i>Streptococcus thermophilus</i> Genes Specifically Expressed under Simulated Human Digestive Conditions Using R-IVET Technology. <i>Microorganisms</i> , 2021, 9, 1113.	1.6	1
34	<i>Saccharomyces Cerevisiae</i> Var <i>Boulardii</i> CNCM I-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. <i>Antibiotics</i> , 2021, 10, 1101.	1.5	0
35	Impact of Microplastics in Human Health. , 2022, , 953-976.		0
36	Lentils and Yeast Fibers: A New Strategy to Mitigate Enterotoxigenic <i>Escherichia coli</i> (ETEC) Strain H10407 Virulence?. <i>Nutrients</i> , 2022, 14, 2146.	1.7	0