James Butcher

List of Publications by Year in descending order

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41 papers	2,139 citations	331670 21 h-index	315739 38 g-index
43 all docs	43 docs citations	43 times ranked	3157 citing authors

#	Article	IF	Citations
1	Altered intestinal microbiotaâ€“host mitochondria crosstalk in new onset Crohnâ€™s disease. Nature Communications, 2016, 7, 13419.	12.8	326
2	Metaproteomics reveals associations between microbiome and intestinal extracellular vesicle proteins in pediatric inflammatory bowel disease. Nature Communications, 2018, 9, 2873.	12.8	209
3	Advancing functional and translational microbiome research using meta-omics approaches. Microbiome, 2019, 7, 154.	11.1	177
4	MetaPro-IQ: a universal metaproteomic approach to studying human and mouse gut microbiota. Microbiome, 2016, 4, 31.	11.1	154
5	Characterization of the oxidative stress stimulon and PerR regulon of Campylobacter jejuni. BMC Genomics, 2009, 10, 481.	2.8	144
6	Structure and regulon of Campylobacter jejuni ferric uptake regulator Fur define apo-Fur regulation. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 10047-10052.	7.1	114
7	Functional Impacts of the Intestinal Microbiome in the Pathogenesis of Inflammatory Bowel Disease. Inflammatory Bowel Diseases, 2015, 21, 139-153.	1.9	112
8	Disruption of maternal gut microbiota during gestation alters offspring microbiota and immunity. Microbiome, 2018, 6, 124.	11.1	109
9	Nutrient Acquisition and Metabolism by Campylobacter jejuni. Frontiers in Cellular and Infection Microbiology, 2012, 2, 5.	3.9	108
10	Refined analysis of the Campylobacter jejuni iron-dependent/independent Fur- and PerR-transcriptomes. BMC Genomics, 2015, 16, 498.	2.8	49
11	Transcriptomic Analysis of the Campylobacter jejuni Response to T4-Like Phage NCTC 12673 Infection. Viruses, 2018, 10, 332.	3.3	46
12	Mucosa-Associated Ileal Microbiota in New-Onset Pediatric CrohnÊ¼s Disease. Inflammatory Bowel Diseases, 2016, 22, 1533-1539.	1.9	43
13	Evaluating in Vitro Culture Medium of Gut Microbiome with Orthogonal Experimental Design and a Metaproteomics Approach. Journal of Proteome Research, 2018, 17, 154-163.	3.7	41
14	In Vitro Metabolic Labeling of Intestinal Microbiota for Quantitative Metaproteomics. Analytical Chemistry, 2016, 88, 6120-6125.	6.5	40
15	The Transcriptional Landscape of Campylobacter jejuni under Iron Replete and Iron Limited Growth Conditions. PLoS ONE, 2013, 8, e79475.	2.5	39
16	Phenotypic Screening of a Targeted Mutant Library Reveals Campylobacter jejuni Defenses against Oxidative Stress. Infection and Immunity, 2014, 82, 2266-2275.	2.2	38
17	Campylobacter jejuni ferricâ€“enterobactin receptor CfrA is TonB3 dependent and mediates iron acquisition from structurally different catechol siderophores. Metallomics, 2013, 5, 988.	2.4	32
18	The mucosalâ€“luminal interface: an ideal sample to study the mucosa-associated microbiota and the intestinal microbial biogeography. Pediatric Research, 2019, 85, 895-903.	2.3	32

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19	Mothers of Preterm Infants Have Individualized Breast Milk Microbiota that Changes Temporally Based on Maternal Characteristics. Cell Host and Microbe, 2020, 28, 669-682.e4.	11.0	31
20	Variation on a theme: investigating the structural repertoires used by ferric uptake regulators to control gene expression. BioMetals, 2018, 31, 681-704.	4.1	27
21	The gastrointestinal pathogen Campylobacter jejuni metabolizes sugars with potential help from commensal Bacteroides vulgatus. Communications Biology, 2020, 3, 2.	4.4	26
22	Stress Responses, Adaptation, and Virulence of Bacterial Pathogens During Host Gastrointestinal Colonization. Microbiology Spectrum, 2016, 4, .	3.0	25
23	Maternal Diet and Infant Feeding Practices Are Associated with Variation in the Human Milk Microbiota at 3 Months Postpartum in a Cohort of Women with High Rates of Gestational Glucose Intolerance. Journal of Nutrition, 2021, 151, 320-329.	2.9	24
24	Independent of Birth Mode or Gestational Age, Very-Low-Birth-Weight Infants Fed Their Mothers' Milk Rapidly Develop Personalized Microbiotas Low in Bifidobacterium. Journal of Nutrition, 2018, 148, 326-335.	2.9	22
25	Examining the relationship between maternal body size, gestational glucose tolerance status, mode of delivery and ethnicity on human milk microbiota at three months post-partum. BMC Microbiology, 2020, 20, 219.	3.3	20
26	Stress Responses, Adaptation, and Virulence of Bacterial Pathogens During Host Gastrointestinal Colonization. , 0, , 385-411.		18
27	The impact of probiotics and lactoferrin supplementation on piglet gastrointestinal microbial communities. BioMetals, 2019, 32, 533-543.	4.1	18
28	Methods and Strategies to Examine the Human Breastmilk Microbiome. Methods in Molecular Biology, 2018, 1849, 63-86.	0.9	15
29	Virome Sequencing of the Human Intestinal Mucosalâ€“Luminal Interface. Frontiers in Cellular and Infection Microbiology, 2020, 10, 582187.	3.9	14
30	Binding of Phage-Encoded FlaGrab to Motile Campylobacter jejuni Flagella Inhibits Growth, Downregulates Energy Metabolism, and Requires Specific Flagellar Glycans. Frontiers in Microbiology, 2020, 11, 397.	3.5	14
31	Functional insights into the interplay between DNA interaction and metal coordination in ferric uptake regulators. Scientific Reports, 2018, 8, 7140.	3.3	13
32	Use of a Rabbit Soft Tissue Chamber Model to Investigate Campylobacter Jejuniâ€“Host Interactions. Frontiers in Microbiology, 2010, 1, 126.	3.5	12
33	Oligosaccharides and Microbiota in Human Milk Are Interrelated at 3 Months Postpartum in a Cohort of Women with a High Prevalence of Gestational Impaired Glucose Tolerance. Journal of Nutrition, 2021, 151, 3431-3441.	2.9	10
34	NuA4 Lysine Acetyltransferase Complex Contributes to Phospholipid Homeostasis in Saccharomyces cerevisiae. G3: Genes, Genomes, Genetics, 2017, 7, 1799-1809.	1.8	7
35	Micromanaging Oligodendrocyte Differentiation by Noncoding RNA: Toward a Better Understanding of the Lineage Commitment Process. Journal of Neuroscience, 2009, 29, 5365-5366.	3.6	6
36	Crystal structure of Campylobacter jejuni peroxide regulator. FEBS Letters, 2018, 592, 2351-2360.	2.8	6

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37	Bovine Lactoferrin Supplementation Does Not Disrupt Microbiota Development in Preterm Infants Receiving Probiotics. Journal of Pediatric Gastroenterology and Nutrition, 2020, 71, 216-222.	1.8	5
38	Examining the Effects of an Anti-Salmonella Bacteriophage Preparation, BAFASALÂ®, on Ex-Vivo Human Gut Microbiome Composition and Function Using a Multi-Omics Approach. Viruses, 2021, 13, 1734.	3.3	5
39	Reduced Infection Efficiency of Phage NCTC 12673 on Non-Motile Campylobacter jejuni Strains Is Related to Oxidative Stress. Viruses, 2021, 13, 1955.	3.3	4
40	Analyzing Prokaryotic RNA-Seq Data: A Case Study Identifying Holo-Fur Regulated Genes in Campylobacter jejuni. Methods in Molecular Biology, 2017, 1512, 245-256.	0.9	0
41	Characterization of gastrointestinal pathologies in the dystonia musculorum mouse model for hereditary sensory and autonomic neuropathy type VI. Neurogastroenterology and Motility, 2020, 32, e13773.	3.0	0